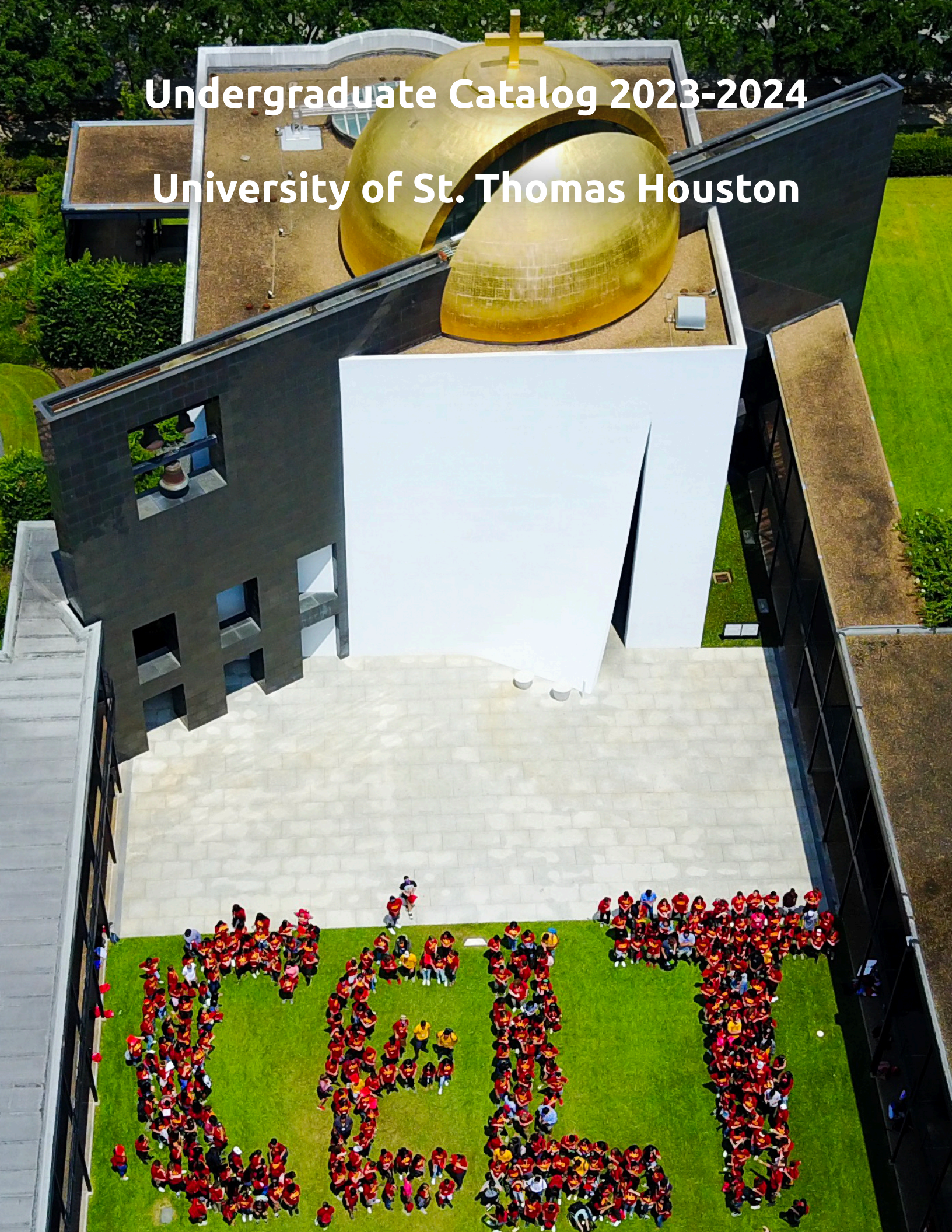


**Undergraduate Catalog 2023-2024**

**University of St. Thomas Houston**





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# UNIVERSITY OF ST. THOMAS HOUSTON

2023-2024

*The University of St. Thomas makes every effort to include in the Undergraduate Catalog accurate and current information on policies, programs and courses. However, the University reserves the right to make changes considered expedient for its general well-being or that of any of its constituencies. Furthermore, the provisions of the Undergraduate Catalog do not constitute an irrevocable contract between any student and the University, and all provisions of the Undergraduate Catalog remain subject to revision at any time for any reason and without prior notice.*

## The University

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The University of St. Thomas (UST) is Houston's Catholic University, committed to the religious, ethical and intellectual traditions of Catholic higher education.

### Mission Statement

We are the University of St. Thomas, the Catholic University in the heart of Houston. We are committed to the Catholic intellectual tradition and the dialogue between faith and reason. By pursuing excellence in teaching, scholarship and service, we embody and instill in our students the core values of our founders, the Basilian Fathers: goodness, discipline and knowledge.

The University of St. Thomas is a comprehensive university, grounded in the liberal arts. Committed to the unity of all knowledge, we offer programs in the traditional liberal arts, professional, and skilled-based disciplines. Graduates of the University of St. Thomas think critically, communicate effectively, succeed professionally, and lead ethically.

### History of the University

The University of St. Thomas admitted its first freshman class, 40 men and women, on September 22, 1947. Of the ten faculty members, four were members of the Basilian Fathers, to whom the work of founding and operating the University had been entrusted. The Basilians, a congregation founded in France in 1822, had been working in the Diocese of Galveston-Houston since 1900, when they established the College of St. Thomas, now St. Thomas High School.

Bishop Christopher E. Byrne of Galveston–Houston had long hoped that a Catholic university might be established in his diocese, and in May of 1945 he announced that such an institution was about to become a reality. For that purpose the T.P. Lee mansion, located in the 3800 block of Montrose Boulevard, was purchased as a home for the new University, to which a science building and classrooms were soon added. From here a series of non-credit courses was taught from November 1946 until Easter 1947 to introduce students to what would be the University of St. Thomas.

With experience that was both practical and theoretical, the Basilian Fathers, led by Father Vincent J. Guinan, first president of the University, and Father Wilfrid Dwyer, vice president, shaped the initial curriculum. Influenced by the writings of Cardinal John Henry Newman as well as by their Basilian experience in Canada at St. Michael's College, the Pontifical Institute of Mediaeval Studies and Assumption College, they determined that all students should pursue a broad program in liberal studies intended to serve as a solid basis upon which to build their lives and their careers in the community.

As a Catholic institution of higher learning, the University of St. Thomas is inspired by the teaching of Pope John Paul II's apostolic constitution *Ex Corde Ecclesiae*, and abides by the application norms prescribed by the American Bishops. Because of the University's institutional commitment to the Church, "Catholic ideals, attitudes and principles penetrate and inform its activities in accordance with the proper nature and autonomy of these activities," (*Ex Corde Ecclesiae*, 14). In its teachings and research, the University of St. Thomas is dedicated to the cause of truth and fosters the integration of knowledge, the dialogue between faith and culture, the ethical and moral implications of learning and the unique orientation to all study given by theology.

## Basilian Tradition

The Basilians at the University of St. Thomas, by their spirituality, philosophy of education and esprit de corps, promote a lively sense of the University's mission as a Catholic institution. Among the distinctive characteristics of the Basilian approach to higher education are:

- Recognition of the continuing significance of the Catholic intellectual tradition in shaping Western civilization;
- Commitment to an integral Christian humanism that embraces the liberal arts as well as all other areas of knowledge;
- Fidelity to the authoritative teaching of the Church;
- Respect for the contribution of St. Thomas Aquinas to the Church's intellectual life, especially to philosophy;
- Healthy respect for the life of the mind, a passion for the discovery of truth in every area and a conviction that faith must begin and end in a knowledge that bears fruit in love; deep appreciation of human dignity that calls for the education of the whole person: physically, intellectually, morally, socially and spiritually;
- Close association with and availability to students;
- Genuine concern to assist students who are economically or otherwise disadvantaged;
- Willingness to provide counseling and pastoral care, especially through sacramental celebration;
- Collaborative spirit that gratefully recognizes that the University is a common intellectual venture of students, faculty, staff and administration as well as other supporters and friends;
- Trust in God's grace and a willingness to carry out whatever labors are required for the good of the University without seeking recognition. In all their endeavors, the Basilian Fathers seek to enrich the University of St. Thomas with their presence, their talents and their prayer.

## Commitment to Faculty Excellence

Pursuing excellence in teaching, scholarship and service is a hallmark of the University of St. Thomas. In keeping with this commitment, the Center for Faculty Excellence was established. The mission of the Center is to provide faculty with resources and services that foster and support their success in teaching, research and service throughout all stages of their careers. The directors and participants of the Center for Faculty Excellence seek to develop a community of teachers and scholars to work collaboratively with all sectors of the University to accomplish that mission. Activities of the Center include conducting new faculty orientation, supporting faculty development workshops, facilitating faculty study days, hosting forums to discuss teaching practices, and providing support for individual members of the faculty.

## SACSCOC Accreditation Statement and Other Accreditations

### SACSCOC Accreditation Statement

The University of St. Thomas is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award associate, baccalaureate, masters, and doctoral degrees. The University of St. Thomas also may offer credentials such as certificates and diplomas at approved degree levels. Questions about the accreditation of the University of St. Thomas may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, GA 30033-4097, by calling (404) 679-4500, or by using information available on SACSCOC's website ([www.sacscoc.org](http://www.sacscoc.org)).

All SACSCOC-accredited universities must apply for [reaffirmation of accreditation](#) every ten years.

### The following programs at UST are accredited:

#### School of Arts & Sciences

- BS in Biochemistry and Chemistry: American Chemical Society (ACS)
- BS in Cell and Molecular Biology: American Society for Biochemistry and Molecular Biology (ASBMB)

#### Cameron School of Business

- All Business Programs: Association to Advance Collegiate Schools of Business (AACSB)

#### School of Education and Human Services

- MS in Clinical Mental Health Counseling: Council for the Accreditation of Counseling and Related Educational Programs (CACREP)

#### Peavy School of Nursing

- BSN, MSN, and DNP: Approved by the Texas Board of Nursing and accredited by Commission on Collegiate Nursing Education (CCNE)



## University Seal



# UNIVERSITY OF ST. THOMAS HOUSTON

The colors of the University of St. Thomas are red and gold. On the seal, the golden cross of our faith symbolizes the divinity of Christ the King, while the background of red is for the humanity of Christ.

The dove and rayonnant sun in the first quarter are symbols of St. Thomas Aquinas. In the second quarter, the star is for the "Lone Star State" and for the Mother of Christ under the title "Star of the Sea." The hyacinth in the third quarter reminds us of San Jacinto, the river and battlefield near Houston where Texas won its independence. The second dove in the last quarter is the symbol of St. Basil, patron of the Basilian Fathers, who founded the University of St. Thomas.

Thereby, on the shield, St. Thomas and St. Basil, Doctors of the Western and Eastern churches, respectively, represent the universality of the Church. The motto, "Crescamus in Christo," reminds us that as we advance in knowledge and wisdom, we should also grow in love and service of Christ.

## Admissions Policies

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### Undergraduate Admissions

The Office of Undergraduate Office of Admissions responds to all requests for information on undergraduate programs and is responsible for the admission of all new undergraduates as well as for the readmission of former students. The Office of Undergraduate Admissions recommends campus tours and class visits to prospective students as a way to experience the academic, spiritual and physical characteristics of the University. Tours and visits may be easily arranged by contacting the Office of Undergraduate Admissions at 713-525-3500 or via email at [visitust@stthom.edu](mailto:visitust@stthom.edu) or online at [www.stthom.edu/admissions](http://www.stthom.edu/admissions).

### Application for Undergraduate Admission Requirements for All Degree-Seeking Applicants

1. A completed, signed application for admission; a copy can be found online at [www.stthom.edu/apply](http://www.stthom.edu/apply)
2. There is no application fee.

### Standard Requirements for Freshmen Applicants

1. An official transcript of high school work, home school program or an official copy of a GED certificate.

2. Standardized test scores for either the SAT or ACT (UST school code for SAT is 6880 and for ACT is 4238) The Classical Learning Test is also accepted. Students seeking test–optional admission should speak with a UST Admissions Counselor
3. A one page personal essay discussing why the applicant is interested in UST, what he/she plans to study, and why he/she will be an asset to the UST community.
4. Students five years, or beyond, high school/high school equivalent completion who have not taken a standardized test are not required to submit test scores.

### **Academic Credentials Recommended/Required for Admission as a Freshman**

1. Graduation from an accredited secondary school, home school program or successful completion of the GED.
2. Competitive grades (minimum high school GPA of 2.80 on a 4.0 scale) in a minimum of 18 college preparatory high school units \*, including:
  - a. Four units of English
  - b. Three units of social science, including one unit of history
  - c. Three units of mathematics (algebra, geometry, trigonometry, or calculus)
  - d. Three units of science, including two units of laboratory science
  - e. Two units of the same classical or modern language other than English
  - f. Three units of electives in college preparatory classes
3. Competitive official SAT or ACT scores of those students not seeking Test Optional candidacy.
4. Proof of English language proficiency may be required of some international applicants.
5. If appropriate, an official transcript of home school coursework. Home schooled students may also need to submit course descriptions, reading lists, or other information if requested.

\* 1 unit equals 1 year or 2 semesters

### **Requirements for Transfer Applicants**

1. An official transcript from every institution of higher education attended.
2. For transfer applicants with fewer than 24 semester hours of earned college credits, an official high school transcript and scores from either the SAT or ACT if applicant has graduated from high school within the past five years.
3. A cumulative grade point average of 2.5 on a 4.0 scale or higher for all college work completed.
4. Applicants with 24 or more transferable academic hours will be evaluated solely on their college work, evidenced by final official transcripts from every institution of higher education attended. Applicants with fewer than 24 transferable academic hours will be considered on the same basis as freshmen applicants except that they must submit a final official transcript from every institution of higher education attended to complete their application.
5. Transfer applicants must be eligible to return to the last institution attended.
6. Unless they have earned an Associate Degree, transfer students with fewer than 63 credit hours who seek financial aid may be required to provide an official high school transcript to establish eligibility for federal financial aid programs.
7. Proof of English language proficiency may be required of some international applicants.

### **Readmission of Inactive Students**

Students previously enrolled full–time or part–time will be moved to “inactive” status if they are not in attendance after the add/drop date in any regular (fall/spring) term. Any students who have had inactive status for four (4) consecutive (fall/spring) terms will have their enrollment discontinued.

1. Students who have inactive status and are in good standing and have not attended another institution will be required to complete an abbreviated readmission process. The abbreviated application is available from the Office of Admissions. No application fee will be charged for readmission.
2. Students who have inactive status who have attended another regionally accredited institution will be required to complete the full admissions application process and submit official transcripts from every regionally accredited institution they have attended since leaving UST. Failure to do so will be considered falsification of records. No credit will be granted for coursework completed at other institutions while the student was inactive at UST unless the student received prior approval to do so or completed the formal withdrawal process.

### **Acceptance of Transfer Credits from Inactive Students**

Inactive students are considered to be enrolled until they formally withdraw. The current policy regarding acceptance of transfer of credit for enrolled students applies to inactive students. No credits will be accepted without prior approval or the student has officially withdrawn from the University. Only the Academic Committee can grant exceptions and only for documented unavoidable emergencies.

### **Readmission of Discontinued Students**

Students on inactive status for four consecutive regular (fall/spring) terms will have their enrollment discontinued. Students on discontinued status will be required to complete the full admission application process. Discontinued students who have attended another regionally accredited institution will be evaluated as transfer students.

Dismissed students will not be considered for readmission until one year has elapsed from the time of dismissal.

## **Admission of Visiting Students**

Visiting students are those who wish to take courses for credit but are not seeking a University of St. Thomas degree. Those applying for this status must provide an official transcript verifying that they meet admission requirements and are in good academic standing at the last institution attended. Visiting students may take a maximum of 30 credit hours, after which they will be required to apply for admission to the University. Students who wish to complete more than 30 credit hours as a non-degree seeking student should consult with the Academic Advising Center and may petition the Admissions Committee for approval on an individual basis.

Continuing visiting students who wish to change their status to degree-seeking must apply to the University according to the application deadline prior to the start of the semester in which the status change will take effect.

#### **Required for Admission Consideration:**

1. Completed, signed application form.
2. An official transcript from the last institution attended, although transcripts from all institution may be necessary to meet requirements for course registration.

## **UST Graduate Students: Concurrent Enrollment in Undergraduate Courses**

University of St. Thomas graduate students who wish to apply for concurrent enrollment in undergraduate courses must contact the undergraduate Office of Admissions to indicate their intent and to verify that all required information is on file.

# Admission of Undergraduate International Students

International applicants in or seeking F-1 student visa status will be considered for admission only as full-time (minimum 12 credit hours per semester) degree-seeking students at the University of St. Thomas.

The Office of Undergraduate Admissions and the Office of International Student Services coordinate the admission process for undergraduate international students. The Office of International Student Services advises each F-1 visa status student's compliance with United States immigration requirements.

## Required for Admission Consideration

1. Completed, signed University of St. Thomas application.
2. There is no application fee. (excluding Transfer Nursing applicants)
3. If applicable, a personal statement from the applicant may be requested by the Admissions Committee. Official transcripts certifying completion of secondary and/or post-secondary (college/university) levels. Academic records not issued in English must be in the original language and include a certified literal English translation prepared by either the Ministry of Education, Consulate/Embassy, Education USA, or a certified translation service.
4. The Registrar's office will provide a GPA evaluation of foreign credentials for students who have applied to the University of St. Thomas. These evaluations will be an internal document, permanently retained in the student's record, for the sole purpose of admissions at UST. The results of the evaluation will be available to review upon request. If there is a disagreement about the conclusion of the evaluation, the student will be asked to have an outside evaluation performed at their own cost, by a NACES-approved evaluation company. Alternatively, the student may choose to decline UST's internal foreign credential evaluation and provide an academic credentials evaluation conducted by a NACES-approved evaluation company at his or her own expense. The University requires a GPA evaluation of all foreign transcripts. If a program requires or a student wishes to bring in specific course credit, a course-by-course evaluation would need to be performed by a NACES-approved evaluation company.
5. Official Test score of English as a Foreign Language (TOEFL) (minimum paper-based score of 550 or internet-based of a 79) or ELS certificate of successful completion of Level 112 or 6.5 on the IELTS exam. TOEFL or equivalent is not ordinarily required of students from English-speaking countries. (The University school code for the TOEFL is 6880).
6. For international transfer students only: English proficiency examinations may be waived if a student has completed both English Composition I and II at a U.S. college/university.
7. Exceptions to the above requirements may arise if the university has an existing MOU agreement with a partner international institution.

## Immigration Requirements

Upon acceptance, international students are required to submit the following to the Office of International Student and Scholar Services in order to receive form I-20.

1. International Student Information Form
2. An Undergraduate Affidavit of Financial Support Form
3. Proof of financial responsibility in the form of a current bank letter written on bank letterhead, or in the form of a legally binding notarized affidavit of support from a sponsor. Documentation should be written in English, dated within the past six months, and indicated in U.S. dollars
4. Copy of passport
5. Admitted students who are already in the U.S. in F-1 status will need to provide a copy of their UST acceptance letter/email to their current/previous schools international student office and request to transfer their SEVIS record to UST (School Code HOU214F00102000). In addition, submission is also required of a copy of previous I-20s, F-1 visa if available and form I-94.



## Admission of Veterans or Dependents of Veterans

The University of St. Thomas is approved to offer eligible veterans and dependents of veterans the academic courses of study published in the University catalog and bulletins. Eligible students must apply for admission to the University following the procedures for their appropriate academic category.

The Director of Veteran Services is the first point of contact for students who are veterans or dependents and can be reached at 713-525-2101. The Director of Veteran Services will assist the eligible applicant in processing the documents pertaining to veteran educational benefits, including the initial application for benefits. Once admitted, continuing students who receive these benefits are required to contact the Veteran Success Center each semester prior to or during the registration process. The veteran/dependent must also have the approval of the Veteran Success Center when making changes to his/her approved courses during any semester of enrollment.

## Additional Requirements for Admitted Students

**Following acceptance, and prior to registration, students must submit:**

1. Enrollment deposit: A \$200 enrollment deposit is required for students planning to attend the University. The deposit will apply toward the first semester's tuition. For students entering in the fall semester, the deposit, upon written request to the Director of Admissions, is refundable until May 1.
2. Housing Application: Students wishing to reside in campus housing are encouraged to submit an Application for Housing by contacting the Office of Residence Life at 713-525-3836 or you can apply online.
3. Financial Aid Application: To be considered for financial aid a student should complete the FAFSA. Financial aid is not offered until admission to the University is granted.

## Admission to Special Sessions

Applicants wishing to enroll in any of the University's special sessions (study abroad programs, summer sessions, and the compressed track) must follow the formal application process as previously described under Application Procedures.

Applicants for visiting status (not seeking a degree) who are interested in being considered for summer session or study abroad only must complete the Application for Admission and submit a transcript from the last high school, college or university attended. Students who initially apply for these sessions as visiting students but later decide to become degree-seeking must contact the Office of Undergraduate Admissions in writing to request a change in status and complete the entire application process. Students admitted for regular sessions are automatically admitted to other sessions.

## Dual Credit Courses for High School Students

Junior and Senior high school students have the opportunity to enroll in college-level coursework at UST. Students must have taken the PSAT, SAT or ACT test and have at least a 3.00 GPA on a 4.00 scale to qualify for enrollment in the program. Courses are available at the freshman and sophomore level in the fall, spring and summer. Students may take one or two courses during each summer session and one during each regular semester at 50% tuition. Students seeking dual credit enrollment with unique circumstances must contact the Office of Undergraduate Admissions. These cases may be reviewed individually as exceptional with the approval of the Provost. Current available courses are listed online at [www.stthom.edu](http://www.stthom.edu). Interested students should consult the Office of Undergraduate Admissions 713-525-3500, or [admissions@stthom.edu](mailto:admissions@stthom.edu).

## Undergraduate Transfer Credit

The University accepts in transfer baccalaureate-level credits from other regionally accredited colleges or universities. No course with a grade lower than "C" (2.0 GPA) is accepted for transfer. Transferred course work will not be calculated in determining the grade point average at UST.

No more than 90 transferred credit hours may be applied toward a degree from the University of St. Thomas. Students must take the last 36 credit hours in residence unless the Academic Committee grants an exception. The number of credit hours accepted in transfer from two-year colleges will not exceed 72.

Transfer guides are available from the Undergraduate Office of Admissions for Houston area two-year colleges. Credit hours will be considered as lower- or upper-division according to their level at the institution at which they were earned. Credit hours earned at two-year colleges will always be treated as lower-division credit hours.

The evaluation of transferable credits and courses is normally completed by the time of initial registration. Credit will be transferred only on the basis of official transcripts from the originating institution.

Transferable courses will not necessarily apply toward the requirements for a degree or major. Transfer students should develop a degree plan in consultation with their academic advisor or, for a second bachelor's degree, appropriate department chair, to determine what requirements remain to be completed for the degree.

For more information on transferring to the University, contact the Office of Undergraduate Admissions at [admissions@stthom.edu](mailto:admissions@stthom.edu) or 713-525-3500.

## Articulation Agreements with Community Colleges

Articulation Agreements between the University of St. Thomas and area two-year community colleges enable the community college student to make a smooth transition from the two-year college to the University. Students work with an academic counselor at the two-year college along with transfer counselors at the University of St. Thomas to select courses appropriate to the individual degree plan. Typically, students complete the first two years of study at the community college, although transfer to the University of St. Thomas may occur at any time. For further information, contact the Admissions Office at 713-525-3500, or [admissions@stthom.edu](mailto:admissions@stthom.edu).

## Credit by Examination (A.02.01)

### Scope

All Undergraduate Students.

### Purpose

The University participates in several programs – AP (Advanced Placement), CLEP (College Level Examination Program), IB (International Baccalaureate), and ACS (American Chemical Society) – that recognize college-level academic achievement before matriculation and encourage students to pursue areas of special interest at an advanced level. This policy describes the tests, scores and hours that are acceptable by the University.

### Policy/Procedure

1. Hours Accepted
  1. The maximum number of credit hours the University will grant by examination is 30. Students are responsible for making sure that their test scores are received by the Registrar's Office.

2. For transfer students, the University accepts as transfer credit examination credit applied to students' transcripts at other institutions. These credits are counted towards their total amount of transfer credit (72 for community college credits or 90 of university level credits), not towards the examination limit of 30. No additional test transcripts are required.
2. Posting, Reviewing, and Amending Examination Articulation Rules
  1. The specific examination credit articulation rules this policy governs are published annually in the relevant academic catalog. These rules are subject to change and will be reviewed annually by the departments under which the examination subjects reside. Amendments may be made to the rules by Deans, Program Directors, or Chairs, as needed following best practices in their respective academic fields.

Please see the [Credit by Examination Articulation Rules](#) page for specific exam scores and equivalencies.

## Credit by Examination Articulation Rules

The following Credit by Examination Articulation Rules are referenced in UST's [Credit by Examination Policy \(A.02.01\)](#). These rules are subject to change and will be reviewed annually by the departments under which the examination subjects reside. Amendments may be made to the rules by Deans, Program Directors, or Chairs, as needed following best practices in their respective academic fields.

### Department Standards

Department/ Subject	Minimum Score	Credit Received
<b>Accounting</b>		
CLEP Principles of Accounting	50	ACCT 1341 & ACCT 1342
<b>Art History</b>		
AP Art History	4	ARTHS 1350
	3	ARTHS 1000
<b>Biology</b>		
		BIOL 1351 & BIOL 1352
AP Biology*	4	BIOL 1000
	3	8 hours of science credit
IB Biology	7	8 hours of science credit
CLEP Biology	50	<i>*AP examination applies to non-majors ONLY. Biology majors must take BIOL 1351 and 1352. To receive credit for required laboratories (BIOL 1151, 1152) that parallel BIOL 1351 and 1352, consult the department chair. The examination alone does not fulfill the requirement for core curriculum, minor, or major program credit.</i>
<b>Chemistry</b>		
AP Chemistry	4	CHEM 1341 & CHEM 1342
	3	CHEM 1000
CLEP Chemistry	50	CHEM 1341 & CHEM 1342
ACS Exam	Review	CHEM 1341 & CHEM 1342
IB Chemistry (Higher Lvl)	8	Science lower division credit. <i>To receive credit for the required laboratory that parallels CHEM 1341 and 1342, consult the department chair. The examination alone does not fulfill the requirement for core curriculum, minor, or major program credit.</i>
<b>Computer Science</b>		
	4	COMSC 1450

AP Computer Science A	3	COMSC 1000
	4	COMSC 1450 & COMSC 1451
AP Computer Science B	3	COMSC 1450
	6	COMSC 2351
IB Computing (Higher Lvl)	7	COMSC 1450 & COMSC 1352
	6	COMSC 1450
IB Computing (Stand Lvl)		
<b>Drama</b>		
IB Theatre (Higher Level)	6	DRAM 1330
<b>Economics</b>		
AP Macroeconomics	4	ECON 1331
	3	ECON 1000
AP Microeconomics	4	ECON 1332
	3	ECON 1000
CLEP Principles of Macro	50	ECON 1331
CLEP Principles of Micro	50	ECON 1332
<b>English</b>		
AP Engl Lit & Comp	4	ENGL 1999
	3	ENGL 1000
CLEP Engl Comp w/ Essay	50	ENGL 1999
CLEP Analyzing & Interpreting Literature	50	ENGL 1999
<b>Geography</b>		
	4	GEOG 2332
AP Geography	3	GEOG 1000
<b>History</b>		
AP U.S. History	4	HIST 2333 & HIST 2334
	3	HIST 2333 & HIST 2334
AP European History	4	HIST 1336
	3	HIST 1000
	4	HIST 1336
AP World History	3	HIST 1000
	50	HIST 2333
CLEP History of the U.S. I*	50	HIST 2334



CLEP History of the U.S. II*		HIST 1335
	50	HIST 1336
CLEP Western Civ I*		HIST 1336
CLEP Western Civ II*	6	<i>*To be granted CLEP credit, students must submit a research paper in history to the chair of the department demonstrating proficiency in research and writing. History majors granted AP or CLEP credit for U. S., Western Civilization, European or World History must fulfill the required 36 hours of the major with other history courses.</i>
IB World Hist (Higher Lvl)		
<b>Language (Classics, Fren, Germ, Span, Ect.)</b>		
AP Language		
AP Language		LANG 1000
CLEP Language-French I*	3	LANG 1331 & 1332
	4	FREN 1331
CLEP Language-French II*	50	FREN 1332
CLEP Language-German I*	50	GERM 1331
	50	GERM 1332
CLEP language-German II*	50	SPAN 1331
	50	SPAN 1332
CLEP Language-Span I*	50	LANG 1999 (6hrs)
CLEP Language-Span II*	6	LANG 1999 (6hrs)
IB Language (Standard Lvl)	5	<i>*CLEP Written and ACTFL Oral both required for any credit through either. Six (6) credits of any language will be given only after completing 3 hours in the same language at UST. Regardless of which examination the student takes or the grade received, the department will not award more than 6 credit hours.</i>
IB Language (Higher Lvl)		
<b>Mathematics</b>		
AP Calculus AB	4	MATH 1431
AP Calculus BC	4	MATH 1431 & MATH 1432
	3	MATH 1431
CLEP College Mathematics	50	MATH 1999
CLEP Pre-Calculus	50	MATH 1999
CLEP Calculus	50	MATH 1999 (4hrs)
<b>Music</b>		
AP Music Theory	3	MUSC 2362 or MUSC 2363
<b>Philosophy</b>		
IB Philosophy (Higher Lvl)	6	PHIL 1000 (3hrs)
<b>Physics</b>		
AP Physics 1	4	PHYS 1331
	3	PHYS 1000

AP Physics 2		PHYS 1332
	4	PHYS 1000
AP Physics C: Electricity & Magnetism	3	PHYS 2334
	4	PHYS 2333
AP Physics C: Mechanics	4	<i>Laboratories must be taken at UST for credit.</i>
<b>Political Science</b>		
AP Govt & Politics: U.S.	4	POSC 2331 & POSC 2332
	3	POSC 1000
CLEP American Govt.	50	POSC 2331
<b>Psychology</b>		
AP Psychology		
	4	PSYC 1332
AP Statistics	3	PSYC 1000
CLEP Introductory Psyc	4	PSYC 3433
	50	PSYC 1332
CLEP Hmn Growth & Dev	50	PSYC 2332
IB Psychology (Higher Lvl)	6	PSYC 1332
<b>Sociology</b>		
CLEP Sociology	50	3hrs Sociology Credit
<b>Studio Arts</b>		
AP Studio Art: Drawing	3	ARTS 1000
AP Studio Art: 2D	3	ARTS 1000
AP Studio Art: 3D	3	ARTS 1000

## Finances

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### Tuition and Fees

Tuition and fees are subject to change. Please refer to our Website at [www.stthom.edu/businessoffice](http://www.stthom.edu/businessoffice) for current tuition and fees information.

#### **Tuition (for academic school year 2022-2023)**

**Tuition and Fees:** \$32,484\* (before scholarships and financial aid)

**Books and Supplies:** \$1,094

**Room and Board:** \$10,090

**Transportation:** \$2,694

**Personal and Miscellaneous:** \$2,068

\*Flat tuition rate and fees for undergraduate students enrolled in 12-18 credit hours in Fall and Spring semesters. Students taking fewer than 12 or more than 18 credit hours are charged at \$1,133 per credit hour. Only these costs are directly billed to you; the other amounts shown are estimates of possible costs you may incur.

If you are a post-bacc student, each individual course you take is \$1,133 per credit hour.

**Associate of Applied Science Programs:**

Tuition for the following Associate of Applied Science programs is **\$600 per class, or \$12,000 total\***:

- Cybersecurity
- Electronic Technology
- Drug and Alcohol Counseling
- General Business
- Networking Technology

Tuition for the following Associate of Applied Science program is **\$393 per credit hour**:

- Pragmatic Studies

**Deposit (applicable to tuition)**

Payable by first-time and readmit students upon acceptance: \$200

**Fees (refundable on same basis as tuition)**

Activity Fee:

Undergraduate full-time: \$130

Undergraduate part-time: \$80

Undergraduate summer-term: \$27

**Special Fees (non-refundable)**

Advanced-standing Examination, each	\$30
Application	\$35
Company Deferment	\$75
Diploma (copy)	\$75
International Student (student visa holder)	\$225/yr
International Postal Fee	\$75
International Student Insurance	\$1,682/yr
Late Registration	\$50
Late Payment Fee	\$200
New Freshman Student Fee	\$200
Transfer Student Fee	\$100
Official Transcript Fee	\$8.25

Same Day Transcript Fee \$25

Technology Fee

Undergraduate: \$250

Graduate: \$250

### **Room and Board**

For information on room and board rates, contact the Director of Residence Life at 713-525-3836 or [residencelife@stthom.edu](mailto:residencelife@stthom.edu).

### **Payment of Accounts**

Students should check the status of their account online through myStThom via the website. Tuition, fees and other charges not covered by loans, grants, scholarships or other means must be paid by the last day of regular registration for the term for which the student is registering. Students not meeting these deadlines or making these arrangements for payment will be subject to administrative dismissal from the University. The University also reserves the right to dismiss students administratively should they not honor payment arrangements.

The University of St. Thomas e-mail account is the University's primary means of contact with the student. Students should check their UST email regularly for important University updates.

### **Refunds**

Refunds of tuition and refundable fees will be made to students officially withdrawing according to the schedule posted on the University website. Please see the website for other refund dates.

## **Refunds**

Refunds will be made to students officially withdrawing according to the schedule posted on the University of St. Thomas website. Note that "day" refers to class days and includes holidays (and Saturdays in the 14 week session).

Students may set up direct deposit for refunds via their myStThom account by accessing the jUSTPay link through their Student Center page. Direct deposit refunds will be processed Monday-Friday. Paper checks will only be processed on Fridays and will be mailed out to the student address on file. Students will not be able to pick up refund checks from the Cashier's Office.

Please see the [Student Financial Services webpage](#) for refund dates.

## **Payment of Tuition and Fees**

### **Terms and Conditions**

By enrolling at the University of St. Thomas, students understand that they must follow the formal add/drop and withdrawal procedures of the University and that non-attendance does not automatically withdraw them from a course or from the University. Furthermore, enrollment indicates that students agree to pay all collection expenses, including reasonable attorney's fees, which the University may incur if they do not fulfill the payment obligations as set for them by their enrollment. The cost of collection expenses may be up to 50% of the balance due.



Payment or payment arrangements are due prior to the start of the semester. Tuition, fees and other charges not covered by financial aid or other means must be paid by the due date. Students not meeting payment deadlines, not making sufficient payment arrangements or not honoring payment arrangements made will be subject to a late payment fee and/or administrative withdrawal from the University.

### **Cash or Checks**

The University accepts cash and checks with the proper identification. Checks returned for any reason will be charged a \$30 returned check fee.

### **Credit Cards**

Credit card payments (American Express, MasterCard, Visa and Discover) may be made online via myStThom at [www.stthom.edu](http://www.stthom.edu) through a third-party servicer. A convenience fee will be assessed for each credit card payment. The University of St. Thomas does not accept credit card payments.

### **E-Checks**

E-check payments are available online via myStThom at [www.stthom.edu](http://www.stthom.edu) without a convenience fee. E-checks are utilized with the banking information available on most paper checks.

### **Payment Plans**

The University offers a monthly payment plan option administered by a third party for tuition, fees, campus housing and meal plans. The plan is an interest-free way to pay educational expenses in monthly installments during the academic term. There is a \$35 participation fee for each payment plan and a \$30 missed payment fee when applicable.

Payment plans must be set up prior to the start of the semester. Payment plans are set up online through the student's myStThom account via the University's website at [www.stthom.edu](http://www.stthom.edu). The student must be registered for the term and have a balance for the term to set up the payment plan. Any anticipated financial aid for the term is deducted from the charges, and the balance is divided among monthly payments for the rest of the term. Payments are made directly via direct debit or direct credit card charge. Credit card payments will be assessed a convenience fee for each transaction. Students who fail to fulfill the obligations they have agreed to under a payment plan are ineligible to enroll in the payment plan in subsequent semesters and may be administratively withdrawn from the University.

### **Company Deferments**

The University allows students to defer tuition and fee charges until the end of the term if they are eligible for employer tuition reimbursement programs. At the time of registration, eligible students must submit to the Office of Student Financial Services a letter from the employer certifying eligibility for the program for the current term as well as the percentage of reimbursement granted. Any percentage of tuition not covered by the employer reimbursement must be paid at the time of registration. Students are required to sign a promissory note and pay a non-refundable \$75 fee per deferment by cash or check. Students who fail to fulfill the obligations they have agreed to under a company deferment plan are ineligible to enroll in a company deferment plan in subsequent semesters and may be administratively withdrawn from the University.

## **Financial Aid**

The University of St. Thomas believes that qualified students who wish to attend should not be prevented from doing so for financial reasons. Through extensive financial aid programs, the University seeks to put

educational costs within the reach of every student qualified for admission. Although the University expects students and families to finance the cost of education to the fullest extent possible, it makes every effort to assist those who need help.

Demonstrated financial need is the difference between the cost of attending the University of St. Thomas and the amount the student and parents can reasonably be expected to contribute toward these costs. Costs include actual tuition and fees, housing and food, books and supplies, personal expenses and transportation. The estimate of a family's ability to contribute is determined in accordance with the federal need analysis as established by the U.S. Department of Education.

Eligibility for each type of assistance varies, depending on the source of funds. All students attending the University who meet the eligibility requirements listed below qualify for some form of financial aid. Assistance offered by UST includes institutional scholarships as well as federal, state and institutional grants, low-interest loans and work-study.

The Office of Scholarships and Financial Aid has counselors available to assist families as they complete the application process. For additional information concerning application procedures, the determination of need, or financial aid programs, contact the Office of Scholarships and Financial Aid at 713-525-2170 or by e-mail at [finaid@stthom.edu](mailto:finaid@stthom.edu).

All students who believe they will need assistance to attend UST are encouraged to submit financial aid applications. Application procedures are outlined below.

### ***Applying for Financial Aid***

To apply for financial aid, all applicants must complete the Free Application for Federal Student Aid (FAFSA). The FAFSA form is available beginning Oct.1. Normal processing time of the FAFSA by the Department of Education is approximately 1 week.

FAFSA on the Web is a free U.S. Department of Education Website for completing a FAFSA online and submitting it via the Internet. Students must file the Free Application for Federal Student Aid online at [www.studentaid.gov](http://www.studentaid.gov). UST's school code, 003654, must be entered on the form. The FAFSA is signed electronically after the student (and parent, if applicable) first obtains a U.S. Department of Education ID, also at [www.studenaaid.gov](http://www.studenaaid.gov)

Applicants selected by the Department of Education for verification must also submit additional documents to the Office of Scholarships and Financial Aid, which may include IRS Tax Transcripts and Verification Worksheets, before any offer of financial aid can be prepared.

Other supplemental information will be requested as needed by the Office of Scholarships and Financial Aid. Students must have a completed financial aid file with all necessary documents, be regularly admitted to the University, and have met the minimum Satisfactory Academic Progress before any financial aid awarding may begin.

Financial aid awards are not made prior to admission to the University. Students are encouraged to pursue admission at the earliest possible point but should not wait for an admission decision before beginning the financial aid process.

### ***Eligibility Requirements***

Students seeking need-based financial aid must:

1. Have a high school diploma, Home School Equivalent or GED equivalent

2. Be admitted as a degree-seeking student
3. Be enrolled for at least half-time (6 credit hours, minimum)
4. Be a U.S. citizen or eligible non-citizen (I-551, I-151, I-94, I-688) or have certificate of naturalization
5. Maintain satisfactory academic progress (details in following section)
6. Not be in default on a federal loan or owe a refund on a federal grant

### **Satisfactory Academic Progress (SAP)**

At the University of St. Thomas, all students applying for federal financial aid must meet the satisfactory academic progress guidelines as established and be in accordance with regulations. Students should be aware that their entire academic record will be considered when determining eligibility for financial aid regardless of whether aid has previously been awarded. The University's satisfactory academic progress guidelines have all elements and components of the regulation. This policy is as follows:

Satisfactory academic progress for financial aid purposes is defined as meeting all of the following:

1. Successful completion of 75% of all credit hours attempted
2. Minimum grade point average
  1. Undergraduate – first semester GPA, 1.70-1.99; second semester Cumulative GPA, 1.80- 1.99, third semester Cumulative GPA, 1.90-1.99, fourth and subsequent semesters Cumulative GPA, 2.00 and above.
  2. Graduate: 3.00 Cumulative GPA
3. Requirements for degree must be completed within a specified time: 180 credit hours attempted for undergraduates and 54 credit hours attempted for graduates.

"W", "I", and "F" grades will be calculated into the GPA as credit hours attempted with zero qualifying points earned. Courses passed with "P" grades will be counted into courses attempted but not into the GPA.

## **Grants (Ugrd)**

Grants are awarded on the basis of financial need and do not require repayment. Grant funds are provided by the University of St. Thomas and by the federal and state governments. Financial aid award packages will include grant funds whenever regulations, University policies and funding levels permit.

**Federal Pell Grant:** For undergraduate students who have not yet completed a baccalaureate degree. The exact amount of the student's award will be determined based on the cost of education, result of FAFSA application, and the student's enrollment status.

**Federal Supplemental Educational Opportunity Grant (FSEOG):** For undergraduate students with exceptional financial need who have not yet completed a baccalaureate degree. Priority is given to Pell Grant recipients. FSEOGs are contingent on federal appropriations.

**Tuition Equalization Grant (TEG):** A state-sponsored program for Texas residents who meet state-specified eligibility requirements. Maximum award amount is established annually. TEG awards are contingent on state appropriations.

**Teacher Education Assistance for College and Higher Education (TEACH) Grant:** For students who agree to serve as a full-time teacher for a minimum of four years in a high-need field in a public or private elementary or secondary school that serves low-income students. Grant will be converted into a Federal Direct Unsubsidized Stafford Loan for any student who does not fulfill the teaching obligation within the required timeframe.

**University Grants:** Funded by the University of St. Thomas for undergraduate students with exceptional need. The amount of each grant is based on individual need and awarding policies.

## Loans (Ugrd)

Loans are often a part of a financial aid offer. The following long-term, low-interest loan programs provide students with an opportunity to defer the cost of their education.

**Federal Stafford Loan:** Subsidized and unsubsidized low-interest, long-term loans provided by the William D. Ford Federal Direct Loan Program. The federal government pays the interest on subsidized loans while the student is enrolled at least half-time. Repayment begins six months after graduation or when the student ceases to be enrolled at least half-time.

**Parents Loan for Undergraduate Students (PLUS):** The PLUS loan program is designed to assist parents of dependent students who are not eligible for need-based assistance or who need funds in addition to their Federal Stafford Loan eligibility. Parents may borrow up to the cost of education less any estimated financial aid each year. Repayment begins 60 days after disbursement.

**Jewish Family Services Loan Fund:** A short-term, interest-free loan program available to all students for any related educational expense. The maximum loan amount is \$600. Applications are available in the Business Office.

## Scholarships (Ugrd)

The University of St. Thomas recruits exceptional students who wish to be challenged creatively and intellectually in their education and who, in return, will contribute to the quality of the University community with their talent and dedication to excellence. At the time of admission various criteria are considered in the scholarship award process, including grades and standardized test scores. Scholarship awarding begins in November. First-time freshmen, readmitted students and transfer students are selected for scholarship consideration through the admission application process.

Continuing students who would like to be considered for scholarships based on their University GPA must apply online at <https://stthom.academicworks.com/>.

Scholarships are awarded annually and are renewable providing the student meets eligibility requirements. Scholarships are applied to the fall semester, the spring semester, and may be applied to University study abroad programs.

Students are strongly encouraged to apply for additional financial aid by completing the Free Application for Federal Student Aid (FAFSA) to complement scholarship awards with state or federal funding.

Scholarship recipients ordinarily may not hold more than one University of St. Thomas scholarship concurrently. If selected for more than one scholarship, recipients will retain the scholarship with the greatest value.

Scholarship recipients will be notified by letter about the amount, terms and conditions of their scholarship. Scholarship awards will be considered in the awarding of federal and state aid.

Prospective students may receive additional information about scholarship opportunities described below by contacting the Admissions Office at 1-800-856-8565, locally at 713-525-3500, by e-mail at [admissions@stthom.edu](mailto:admissions@stthom.edu) or by visiting the UST Website at [www.stthom.edu/admissions](http://www.stthom.edu/admissions).



## Requirements for Maintaining Scholarship Eligibility

In addition to establishing eligibility for university scholarships, first-time freshmen, readmitted, and transfer scholarship students must:

1. Be degree-seeking
2. Carry a full-time course load
3. Maintain Satisfactory Academic Progress

Scholarship recipients will also be required to write a thank-you note to the donor(s) of the scholarship if they are notified by the Office of Scholarships and Financial Aid that their scholarship award has been funded by a specific donor.

## Deferral of Scholarship

A one-year deferral may be granted to new incoming and continuing scholarship recipients who request to defer enrollment for up to one year due to serious medical difficulties, military service, serious and unforeseen family emergency, or to make a volunteer service commitment not to exceed two semesters. Students seeking a deferment should submit a written request along with supporting documentation to the University Scholarship Committee. During the deferment period, scholarship recipients may not accrue more than eight university credit hours from any post-secondary institution. Continuing students who request a deferment may not be enrolled elsewhere without an approved UST Transfer of Credit Form.

## Full-Tuition Scholarships for Incoming Freshmen

The **V.J. Guinan Presidential Scholars Program** is a four-year opportunity for a select number of Catholic students who are in continuous pursuit of academic excellence and servant leadership. This program awards full tuition scholarships to students who excel academically and uphold the Catholic mission of the University. This opportunity is open to incoming freshmen only. Application available online at <https://stthom.academicworks.com/>.

The **Hometown Heroes Scholar Program** is a four-year opportunity for newly admitted first year students in Houston and surrounding areas who identify a problem in their local community, and have a plan to solve that problem. We are looking for creative, motivated, service-oriented students who want to make a change for the good of the community. Application available online at <https://stthom.academicworks.com/>.

## Other Freshmen Scholarships

**Presidential Excellence Scholarship:** Based on grade point average and/or test scores. **Basilian Distinguished Scholarship:** Based on grade point average and/or test scores. **UST Achievement Scholarship:** Based on grade point average and/or test scores. **Celt Award:** Based on grade point average and/or test scores. **Aquinas Award:** Based on grade point average and/or test scores.

**UST/Parish Scholarship:** In partnership with participating Parishes in the Diocese of Galveston-Houston, entering freshmen, transfer students or continuing students who are parishioners may qualify. All applicants must complete the Free Application for Federal Student Aid (FAFSA) and a Parish Scholarship application online at <https://stthom.academicworks.com/>

**Catholicity Scholarship:** Awarded to incoming students who are members of Catholic Parishes outside of the Galveston- Houston Archdiocese who have financial need.

## Scholarships for Transfer Students

**Monaghan Excellence Scholarship:** Based on transfer GPA. **Monaghan Achievement Scholarship:** Based on transfer GPA. **Celt Transfer Award:** Based transfer GPA.

**Phi Theta Kappa Scholarship:** Based on membership in PTK at prior institution.

### **Departmental Scholarships**

## **Additional University Scholarships**

Several departments have designated scholarship funds they award to students each year. Students will find applications online at <https://stthom.academicworks.com/> with most applications opening on Feb. 1 for the upcoming award year.

## **University Scholarships, Awards and Grants (Ugrd)**

### **Donors and Benefactors**

Many University scholarships are funded through the generosity of numerous donors and benefactors:

- Basilian Fathers Memorial Scholarship
- Ben C. Belt Memorial Scholarship
- Joseph M. Block Scholarship
- Albert H. and Kathleen Braden Endowed Grant
- Patricia Ann Brennan Memorial Scholarship
- The Brown Foundation, Inc., Multicultural Scholarship
- D.E. Harvey Builders Endowed Scholarship
- Charlotte Cameron Endowed General Scholarship
- Jane Marie Colvin Scholarship
- George W. Cottingham Scholarship Cullen General Endowed Scholarship
- Harry Edwin Davis Scholarship
- P.C. and Josephine Del Barto Scholarship
- Rev. James J. Dempsey Memorial Scholarship
- Thomas J. Donahue Endowed Scholarship
- Robert P. Doherty Scholarship
- Margaret and Francis J. Donaghue Scholarship
- Earthman Family Endowed Scholarship
- Mildred K. Fisher Endowed Scholarship
- Dr. Charles and Natalie Loehr Gallagher Scholarship
- Anna Gutkowski Memorial Award
- Cecil R. Haden Scholarship
- Chester P. Hawkins and Ethel J. Hawkins Christian Endowed General Scholarship
- William Randolph Hearst Scholarship for Disadvantaged Students
- John and Jeanette F. Hemmer Scholarship
- Mr. and Mrs. W. H. Highams Scholarship
- Edward Leslie and Mamie Hogan Memorial Scholarship
- Holy Family Endowed Parish Scholarship
- R. Johnson Scholarship
- Frederick M. and Marguerite G. Johnston Endowed Memorial Scholarship
- Wayne A. Kaffenberger Endowed Memorial Scholarship
- Otto and Velma I. Karnaky Endowed Memorial Scholarship
- Susan Karnaky Endowed Scholarship
- Annette and Charles J. Koenig, Sr., Scholarship
- Luke P. Lyons Scholarship
- Bishop John E. McCarthy Scholarship
- Eugene F. and Felice Malloy Scholarship
- Frances Miller Endowed Scholarships

- Catherine P. and William H. Newton Endowed Scholarship
- James M. Pankey Scholarship
- Joseph F. Reilly, Sr., Memorial Scholarship
- Mary T. Reiniger Scholarship
- The Strudler Family Endowed Scholarship
- St. John Vianney Endowed Parish Scholarship
- St. Thomas High School Memorial Scholarship
- Scanlan Foundation Scholarship
- Pamela Hubert Schisser Memorial Scholarship
- Otto J. Schwabe Memorial Scholarship
- John T. Shea Scholarship
- Siena Association Memorial Scholarship
- Society of St. Vincent de Paul Grant in Aid Award
- Rev. Edward J. Sullivan, CSB, Scholarship
- Lloyd P. Webre Memorial Scholarship
- Margaret Cecilia Wellborn Endowed Scholarship for Physically Impaired American Citizens
- James N. and Mary F. Yeager Scholarship
- Joseph P. Hamrah Testamentary Trust

## Additional Scholarships

The University offers additional scholarships provided on an annual basis by generous donors. Please contact the Office of Scholarships and Financial Aid for more information.

The following scholarships are awarded to students studying in the discipline or program noted:

### Accounting

- Kelly–Retton Accounting Scholarship
- Thomas R. Reveley Memorial Endowed Scholarship in Accounting
- Schwartz Accounting Scholarship

### Archeology

- Friends of Archeology Scholarship
- Mullins Archeology Scholarship

### Art History

- Freed Travel Endowed Scholarship
- Harvey Art Scholarship

### Arts and Science

- Fish Foundation Scholarship

### Biology

- Rev. Joseph L. Meyers, CSB, Scholarship in Biology
- Elizabeth Ann Peavy Scholarship in Biology

### Chemistry

- Nava Chemistry Endowed Scholarship
- John R. Voss Memorial Scholarship in Chemistry
- James T. Sullivan Scholarship in Chemistry

## Communication

- Nicholas D'Amico Communications Scholarship

## Drama

- Harvey Charitable Trust in Drama
- Humphrey's Foundation Scholarship
- Sam Havens Scriptwriter Houston Drama Scholarships
- Charles & Betti Saunders Drama Scholarship

## Education

- Kappa Delta Pi Anna L. Dewald Endowed Scholarship for Education
- Strudler Family Endowed Scholarship
- Mary Jean Lantz Memorial Endowed Scholarship
- Linden Annual Scholarship
- Margaret Guerriero Annual School of Education Scholarship

## English

- Carolyn Gordon Annual Award in Creative Writing
- June M. Roethlisberger Scholarship
- Susan T. Scanlon Scholarship in Creative Writing
- English Department–Father Lee
- The Danny Lee Lawrence Writing Award

## French

- French Scholarship

## History

- Rev. Robert E. Lamb, CSB, Endowed Scholarship in History
- Joseph M. and Norma M. McFadden Endowed Scholarship
- Rowan and Mae Cardwell Scholarship
- The Crow Family Scholarship
- Rowan and Marie Cardwell Scholarship Fund

## International Studies

- Pecten Chemical Scholarship in International Studies
- Simon Cottrell International Studies Annual Scholarship
- Jennifer and John Fichter International Studies Annual Scholarship

## Mathematics

- Distinguished Student of Mathematics Scholarship
- Dr. William A. and Margaret Reddie Scholarship in Mathematics

## Music

- The Crow Family Endowed Scholarship
- John Dickson "Peck" Kelley Scholarship
- Jimmy Don Smith Scholarship
- Marie Trapolino Scholarship in Music
- Erno Valasek Scholarship in Music

- Mrs. Cora Brent Warren Scholarship in Music

## Nursing

- Pauline Agnes D'Amico Endowed Scholarship for Nursing Students
- Ruth and Clarence Metzger Endowed Nursing Scholarship
- Robert and Ann Tschirch Endowed Nursing Scholarship
- Patricia G. Wild Endowed Scholarship for Nursing Students

## Philosophy

- Brezik Graduate Philosophy

## Prelaw

- George Burkitt Memorial Scholarship
- Terrence G. McGreevy Prelaw Scholarship
- J.C. and N.L. Gallagher

## Prelegal

- Lawyers Alumni Fund Scholarship

## Psychology

- Julia Arnold Schnapp Scholarship in Psychology

## Volunteer Opportunity

- Michael Levitt Memorial

Please contact respective departments for additional information.

# Work-Study/Campus Employment

The work-study program provides on- and off-campus jobs for students who need help to meet a portion of their living and educational expenses. Funding for the work-study programs is provided by the federal and state governments as well as the University of St. Thomas. Work-study awards are based on need.

- **Federal Work-Study:** A federal program that provides on-campus jobs for qualified students based on demonstrated need and is awarded by the Office of Scholarships and Financial Aid. Students receive paychecks for work performed.
- **Texas College Work-Study Program:** A state funded work-study program for eligible Texas residents. Students receive paychecks for work performed.
- **Campus Employment:** A number of positions are available on campus for students who desire to work. Such positions can be secured through the Career Services Office and are not part of financial aid awards.

# Financial Aid Appeals (Ugrd)

Students who do not meet the satisfactory academic progress guidelines will be notified and will receive additional information regarding appeals. Students who believe that extenuating circumstances have affected the denial of financial aid have the right to appeal in accordance with the Financial Aid Appeal Process. In order to appeal, the student must complete an appeal form. All appeals must be submitted prior to the twelfth day

of classes (census date) for the term in which the student is seeking financial assistance. The Financial Aid Appeal Committee will review the appeal forms and will decide whether to reinstate student eligibility. The committee reserves the right to restrict the number and types of courses a student may take.

Following a reinstatement, the Office of Scholarships and Financial Aid will review the student's grades at the end of the period of reinstatement. The student will be required to complete each semester with a 2.0 GPA. A student who fails to meet this requirement will be denied financial aid for the upcoming semester, and appeals will not be accepted a second time. Repeated appeals are considered a violation of the intent of the satisfactory academic progress guidelines. If a student's appeal is denied, the student will be required to successfully complete 6 credit hours (of an academic nature) using his or her own financial resources before the committee will review the student's academic transcript again.

The decisions of the Financial Aid Appeals Committee and the Scholarship Appeals Committee are final, and subsequent appeals for the current academic term will not be accepted. The Financial Aid Appeals Committee's decisions may stipulate conditions and restrictions. If they are not followed explicitly, individuals forfeit their financial aid and/or scholarship eligibility for the remainder of the academic year.

The Scholarship Appeals Committee and the Financial Aid Appeals Committee are scheduled to review completed appeal forms prior to the academic year or pending term. Students wishing to participate in the appeals will be notified of their eligibility to appeal and must submit the Scholarship appeal form or the Financial Aid appeal form to the Office of Scholarships and Financial Aid by the date listed on their notification.

### **REPAYMENT POLICY**

The federal government mandates that students who withdraw from all classes may keep only the financial aid they have "earned" up to the time of withdrawal. Title IV funds that have been disbursed in excess of the earned amount must be returned by the University and/or the student to the federal government.

The Office of Scholarships and Financial Aid will perform a calculation to determine the amount of aid earned by the student that he or she may keep (for example, if the student attended 25% of the term, the student will have earned 25% of the aid disbursed). The unearned amount (total aid disbursed minus the earned amount) must be returned to the federal government by the University and/or the student. Thus, the student could owe aid funds to the university, the government, or both. The Office of Scholarships and Financial Aid will notify and provide instructions to students who are required to return funds to the government.

### **EXIT INTERVIEW**

Loan recipients who graduate, withdraw from the University, or who cease to be enrolled at least half-time are required to complete an exit interview. It is the student's responsibility to complete his/her interview. Loan exit interviews must be completed online at [studentaid.gov](http://studentaid.gov), under the loan repayment menu.

### **REVISION AND CANCELLATION OF AID**

The University reserves the right to review, revise or terminate financial aid awards at any time due to changes in the student's financial and/or academic status; failure to comply with federal/state laws and regulations, including financial verification/audit procedures; or University policies, including those expressed in these publications, The Student Handbook or The Financial Aid Policies and Procedures Manual. In addition, financial aid awards are subject to revision should the annual allocation of funds to the University from the federal government or the State of Texas be reduced below anticipated funding levels or should limitations be placed on funds intended for student financial aid purposes.

### **PROFESSIONAL JUDGMENT**



While the method for determining a student's need for federal student aid is defined by law, the law does give the financial aid administrator the opportunity to use his or her professional judgment in some limited circumstances. Special circumstances might be loss of employment, reduction of earnings, estrangement from parents, divorce or death of parent/spouse. If students believe they have a special circumstance that should be reviewed, they are encouraged to visit with their financial aid counselor.

### **AID DISBURSEMENT PROCEDURE**

Financial aid funding is posted to the students account upon verification of enrollment and continued satisfactory academic progress (see Satisfactory Academic Progress), with the exception of Work-Study funds, which students must earn through actual employment. All financial obligations owed to the University will be deducted from any accepted student assistance. Financial obligations are the total amount owed regardless of any existing plan. The Business Office will issue any resulting credit balance to students via direct deposit to their bank account, or by check.

Since refunds may not be available until after classes have begun, students should be prepared to pay any initial expenses from other sources.

## **Repayment Policy**

The federal government mandates that students who withdraw from all classes or otherwise fail to complete any attempted classes during a semester may only keep the financial aid they have "earned" up to the time of withdrawal or non attendance. Title IV funds that have been disbursed in excess of the earned amount must be returned by the university and/or the student to the federal government.

The Office of Scholarships and Financial Aid will perform a calculation to determine the amount of aid earned by the student that he or she may keep (for example, if the student attended 25% of the term, the student will have earned 25% of the aid disbursed). The unearned amount (total aid disbursed minus the earned amount) must be returned to the federal government by the university and/or the student. Thus the student could owe aid funds to the university, the government, or both. The Office of Scholarships and Financial Aid will notify and provide instructions to students who are required to return funds to the government.

## **Exit Interview**

Loan recipients who graduate, withdraw from the University, or who cease to be enrolled at least half-time are required to complete an exit interview. It is the student's responsibility to complete his/her interview. Loan exit counseling should be completed online, at [studentaid.gov](http://studentaid.gov) under the Loan Repayment tab.

## **Revision and Cancellation of Aid**

The University reserves the right to review, revise or terminate financial aid awards at any time due to changes in the student's financial and/or academic status; failure to comply with federal/state laws and regulations, including financial verification/audit procedures; or university policies, including those expressed in these provisions, The Student Handbook or The Financial Aid Policies and Procedures Manual. In addition, financial aid awards are subject to revision should the annual allocation of funds to the University from the federal government or the State of Texas be reduced below anticipated funding levels or should limitations be placed on funds intended for student financial aid purposes.

## **Professional Judgment**

While the method for determining a student's need for federal student aid is defined by law, the law does give the financial aid administrator the opportunity to use his or her professional judgment in some limited

circumstances. Special circumstances might be loss of employment, reduction of earnings, estrangement from parents, divorce or death of parent/spouse. If students believe they have a special circumstance that should be reviewed, they are encouraged to visit with their financial aid counselor.

## Aid Disbursement Procedure

Financial aid funding is posted to the student's account upon verification of enrollment and continued satisfactory academic progress (see Satisfactory Academic Progress), with the exception of Work-Study funds, which students must earn through actual employment. All financial obligations owed to the university will be deducted from any accepted student assistance. Financial obligations are the total amount owed regardless of any existing plan. The Business Office will issue any resulting credit balance to students in the form of a refund. Refunds are not generally available until three or four weeks after classes have begun, students should be prepared to pay any initial expenses.

## University Life

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### Athletics

In 2006, UST returned to intercollegiate athletics by beginning a women's volleyball program. After one season, the Celts were joined by men's soccer. The University further expanded into college athletics by adding men's basketball in 2009. In 2011, women's basketball and men's and women's golf were added to the department. Women's Soccer first competed in the fall of 2014 and Cross Country (men and women) will be offered in the fall of 2018.

The University was formerly a member of the National Association of Intercollegiate Athletics (NAIA) and the Red River Athletic Conference (RRAC). The NAIA promotes education and development of students through intercollegiate athletic participation and competition. Member institutions, although varied and diverse, share a common commitment to high standards and to the principle that participation in athletics serves as an integral part of the total educational process.

In the fall of 2019 St. Thomas will begin competing in the National Collegiate Athletic Association (NCAA) and Division III. Having already received an official invitation to become a member of the Southern Collegiate Athletic Conference (SCAC), UST will become a full-time official member of the SCAC in 2023–2024.

The UST Athletic Department is committed to creating a first-class environment by recruiting, developing, and retaining outstanding student-athletes who will maximize their potential intellectually, socially, and athletically while at St. Thomas. We are dedicated to providing the resources and leadership for our student-athletes to succeed in competition and in the classroom. We graduate champions! For more information about athletics, contact the Athletic Department at 713-831-7214.

University of St. Thomas Athletics: [www.ustcelts.com](http://www.ustcelts.com)

### Career Services Center

Career Services offers a variety of activities, events and services to assist students and alumni with career planning and job searching. In addition to services directly related to career issues, Career Services also works with students who need assistance in selecting academic majors and graduate school. The Career Services office oversees the Student Employment Program and, in collaboration with the Office of Alumni Relations, manages Insights, a mentoring program that matches graduating students with UST alumni.

**Career Services available include:**

Career Action Plans  
Career Advising/Coaching  
Career and Graduate School Exploration  
Career Assessments  
Career Fair, Expos, and National Conference Events  
First Generation Resources and Events  
Informational Interviews  
International Student Job Search  
Mock Interviews  
On-Campus and Virtual Recruiting  
Online Career Resources  
Professional Communications  
Professional Dress  
Resume Writing  
Salary Negotiations  
Veteran Career Transitions

All career services are offered virtually or in person. For more information, call 713-525-3160, or email [career.services@stthom.edu](mailto:career.services@stthom.edu).

Career Advising/Coaching Career Assessments

Career Action Plans Online Career Resources

Résumé Writing

Career Fair, Expos, and National Conference Events Mock Interviews

On-Campus and Virtual Recruiting Professional Communications Salary Negotiations

Professional Dress

Career and Graduate School Exploration International Student Job Search

1<sup>st</sup> Generation Resources and Events Informational Interviews

Veteran Career Transition

## Health and Wellness

### Local Health Clinics and Resources:

The University of St. Thomas has a partnership with the University of Texas Health Services (UTHS), a comprehensive, high-quality medical facility located less than three miles from campus in the Houston Medical Center. Enrolled students may access medical care through UTHS. UTHS accepts most major insurance plans. Students should call UTHS to schedule an appointment at 713-500-3248 and must present a valid UST student identification card at the clinic upon arrival to receive services. UTHS is located at 7000 Fannin, Suite 1620, Houston, Texas 77030. [www.uthealthservices.com](http://www.uthealthservices.com). There are also several walk-in clinics available at local pharmacies within walking distance to the UST campus, along with several urgent care facilities within two miles of the UST campus.

There are also several walk-in clinics available at local pharmacies within walking distance to the UST campus, along with several urgent care facilities within two miles of the UST campus. See the UST webpage for more details or contact the Health Promotion & Wellness Office.

**Nurse Health Line:** Not feeling well? Not sure what to do? Call us and we'll help you decide. Registered Nurses are available 24 hours/7 days. Call 713.338.7979

- Speak with a nurse when you are uncertain about what to do about a particular health concern.
- Get help with deciding where and when to go for treatment.
- The service is free and available to all Harris County residents, regardless of whether you have insurance or a doctor.
- Bilingual staff or interpreters will assist you.

The Nurse Health Line is funded by the 1115 Medicaid Waiver for the benefit of all Houstonians and is endorsed by the Houston Department of Health and Human Services.

## Jerabeck Activity and Athletic Center

The Jerabeck Activity and Athletic Center (JAAC) is the focal point for the University of St. Thomas intercollegiate athletics, campus recreation, and physical fitness activities. It houses the Department of Athletics, the Department of Recreational Sports and the Department of Health Promotion & Wellness.

The JAAC gym has bleacher-seating capacity for more than 800 spectators, one racquetball court, men's and women's locker rooms, a free weight and machine weight room, a cardio room, and a multi-fitness room for fitness classes and the UST dance program. The outdoor facilities at the JAAC include a swimming pool, sand volleyball court and turf field.

The University encourages its entire community of students, faculty, and staff to utilize the JAAC and the amenities it has to offer.

### Sport Clubs

The Assistant Director of Recreational Sports is the Advisor for the Club Sports Association.

Questions about club sports, intramurals and rec. trips can be emailed to the Club Sports Association at [ustclubsports@stthom.edu](mailto:ustclubsports@stthom.edu).

The Following is the current list of recognized sports clubs:

- Badminton
- Hitting Club (Baseball)
- Basketball
- Cheerleading
- Dance
- Dodgeball
- Fencing
- Running
- Soccer
- Table Tennis
- Tennis

## John H. Crooker University Center

Crooker Center is the hub of student co-curricular activities and the location of many offices. These include Student Affairs, Career Services, Counseling & Disability Services, Dean of Students, Student Activities, Academic Advising, Tutorial Services, Campus Ministry, and Dining Services. Some of these offices comprise the Mendenhall Achievement Center. Additional student offices include the Executive Student Organization Office

which included Campus Activities Board, Campus Initiatives, Campus Community, Student Body President, Student Government, and Treasury, as well as the Registered Student Organization. Crooker Center is also the location of the Council of Clubs Room, Old Bookstore Lounge and the Ahern Room.

## Libraries

**The Robert Pace and Ada Mary Doherty Library**, the main University library, has over 260,000 volumes and access to over 150,000 electronic books, 225 databases, and access to over 80,000 periodical titles. The library provides various study areas, including silent reading areas, for students and faculty. The Doherty Library uses the Horizon automated library system and has online resources available through the library Website (<http://library.stthom.edu>). The Doherty Library participates in the TexShare cooperative library program. TexShare allows students to have borrowing privileges at most university and college libraries in Texas through the use of a TexShare card.

**The Hugh Roy Marshall Graduate Philosophy Library**, especially strong in resources for the study of Thomism, contains approximately 11,000 volumes in the area of medieval philosophy, theology and history. This collection supports the graduate program of the Center for Thomistic Studies, stressing a historical understanding of Aquinas texts and a rigorous rethinking of this thirteenth-century wisdom in the light of twenty-first-century problems and realities. The Graduate Philosophy main collection is located on the second floor of the Doherty Library and all students can consult it. The Special and Reference collections of the Graduate Philosophy Library, located in Doherty Library's second floor Hugh Roy Marshall Room, has restricted access.

**The Music Library** is located on the second floor of Cullen Hall. It contains more than 3,000 scores, both vocal and instrumental, as well as access to three different audio databases that include over 20,000 tracks. The Music Library is located on the second floor of Cullen Hall. It contains more than 3,000 scores, both vocal and instrumental, as well as access to three different audio databases that include over 20,000 tracks. There are also 450 LP records in this library's reserved section.

**The Cardinal Beran Library** at St. Mary's Seminary is an integral part of the University's Graduate School of Theology. It has approximately 62,000 volumes, current subscriptions to 203 journals, 8,033 bound volumes of periodicals, 1,523 pamphlets, and 991 audio-visual items. Special collections include selected primary resources of the late eighteenth and early nineteenth century Catholic writers and a collection of historical pamphlets for catechesis of the laity. The library has been the beneficiary of the personal collection of former Bishop Wendelin J. Nold and the Blessed John Henry Newman resources from UST scholar, Fr. Richard Schiefen, CSB as well as books from retired Bishop Vincent M. Rizzotto and Archbishop Emeritus Joseph A. Fiorenza. Additionally, there are developing collections of primary resources relating to Vatican II and a collection of Catholic Fiction. Theological titles in Spanish and Vietnamese are obtained when available. To access the resources available in the Cardinal Beran Library, go to [www.smseminary.com/library](http://www.smseminary.com/library).

## Office of Counseling and Disability Services

### Counseling Services

Counseling and Disability Services (C&DS) provides various services for students related to transition to college, emotional adjustment, mental health, developmental issues, academic skill-building and crisis intervention. Counselors will assess the nature and extent of a student's concern and make appropriate recommendations.

- **No-Fee Services:** All services are provided with no extra fee to currently enrolled University students. Ongoing counseling services are available for students only. However, faculty, staff, and students are welcome to use C&DS for brief consultation and to obtain educational information and referralservices.

- **Confidentiality:** All counseling services (CS) provided are confidential except where state law mandates. The staff abides by the ethical standards of the American Psychological Association and the American Counseling Association. Records maintained by CS are not available to a third party without the student's written permission. CS records are not a part of UST academic or administrative records.
- **Consultation and Counseling:** CS offers brief consultation, ongoing individual counseling, group, and couples (when both are UST students) counseling for students who are experiencing personal concerns, academic performance issues, family concerns, relationship matters or other emotional distress. Services typically follow a short-term, brief intervention model.
- **Community Consultation and Referral:** CS acts as a resource to members of the extended UST community about concerns for the emotional well-being of others. A list of mental health resources is maintained and the department will assist students in connecting with appropriate resources. Faculty and staff may also contact the department for referral information.
- **Education and Training:** CS offers workshops and campus events to educate on a variety of topics pertaining to mental health and academic success. C&DS maintains a lending library of self-help materials. The department website offers information about a variety of wellness and mental health matters.
- **Academic Support:** CS provides counseling and workshops on issues such as time management, test anxiety, and improving concentration and study skills.
- **Crisis Intervention:** CS is typically available for students experiencing a mental health crisis requiring immediate attention during regular business hours. If there is a psychological crisis after-hours, students may contact Campus Police at 713-525-3888 to reach an on-call counselor, go to a local hospital emergency room, or call 911. There are certain University holiday breaks (Spring, Fall and Winter Breaks, Thanksgiving, Easter) when the University is closed and on-call psychological crisis services are not available.

More information is available at [www.stthom.edu/counseling](http://www.stthom.edu/counseling). For an appointment or additional information, contact Counseling and Disability Services at 713-525-2169 or 713-525-6953.

## DISABILITY SERVICES FOR STUDENTS

Counseling and Disability Services (C&DS) provides academic accommodations for students with disabilities. The University abides by the Americans with Disabilities Act of 1990 (ADA) and the ADA Amendments Act of 2008, Section 504 of the Rehabilitation Act of 1973 and other legal mandates that stipulate qualified students with disabilities receive reasonable accommodation to ensure equal access to programs and opportunities at the University. The University must balance the individual's right to receive equal access and the University's right to ensure the integrity of its programs.

Disabilities may be defined by the following:

- learning disabilities
- health impairments
- physical limitations
- psychiatric disabilities

Students should set an appointment with professional staff at C&DS to review the nature and history of the disability as well as present concerns related to the academic environment. The procedure for Disability Services is as follows:

1. If a student believes he/she may qualify for reasonable accommodations due to an impairment that creates a disability, the student will be asked to supply current professional diagnostic documentation of the disability and the student's needs. Appropriate documentation identifies the disability and indicates



how it substantially limits current major life activities (e.g., learning, working, walking, seeing, hearing) as related to the academic environment. For students who have not had a previous professional evaluation or documentation, referrals may be provided.

2. To receive reasonable accommodations, the Committee for Academic Accommodation reviews the student's request. Students must sign a release of information after which the Committee will review the documentation and determine reasonable accommodations to meet the student's needs in the academic environment. Each student's situation is individually assessed and reviewed. Information regarding accommodations is shared with UST faculty, staff, or administration only on a "need-to-know" basis and will be handled discreetly.
3. Once the student has been approved to receive accommodations, letters outlining the accommodations will be made available for the student to distribute to instructors and academic advisors. Each semester the student must request a new set of letters to ensure continuation of academic accommodations. If testing accommodations are granted, C&DS will notify the office of Career Services and Testing.

Students are encouraged to notify C&DS if problems arise related to their disability and receiving accommodations. Students should follow grievance procedures outlined in this publication to advance complaints related to disability issues.

The University strives to resolve differences through informal procedures whenever possible. Student complaints regarding Section 504-based academic accommodations or general access issues should be directed to the Executive Director of Counseling and Disability Services, who functions as the University's Section 504 Coordinator for students. For grievances regarding employment concerns at the University, complaints should be directed to the Associate Vice President of Human Resources.

More information is available at [www.stthom.edu/counseling](http://www.stthom.edu/counseling). For an appointment or additional information, contact Counseling and Disability Services at 713-525-2169 or 713-525-6953.

## **DISABILITY NONDISCRIMINATION POLICY**

It is the policy of the University of St. Thomas not to discriminate on the basis of disability in admission and access to, or treatment or employment in its program or activities, as required by Section 504 of the Rehabilitation Act of 1973, as amended, (involving disability discrimination), and the implementing regulations.

If you have any questions regarding this policy, please contact the following persons:

### **Section 504 Coordinators:**

**Primary for Students:** Executive Director of Counseling and Disability Services (713) 525-3162

**Primary for Faculty and Staff Employees:** Associate Vice-President of Human Resources (713) 525-3813

**Secondary for Students:** Associate Vice President for Student Affairs (713) 525-3570

**Secondary for Faculty and Staff Employees:** Vice President for Finance (713) 525-6960

University of St. Thomas 3800 Montrose Boulevard

Houston, Texas 77006

If you believe you may have been discriminated against in violation of this policy, please immediately contact the Section 504 Coordinators, the Office of Human Resources or the Office of Student Affairs for a copy of the University's Discrimination Grievance Procedures.

## **Discrimination Grievance Procedures**

The University of St. Thomas has adopted an internal grievance procedure providing for the prompt and equitable resolution of complaints alleging any action prohibited by Section 504 of the Rehabilitation Act of 1973, as amended. Information will be kept confidential to the extent possible. The Section 504 Coordinators will maintain the files and records related to all complaints filed, the written findings, and resolutions. The Executive Director of Counseling and Disability Services will maintain files and records for students; the Associate Vice–President of Human Resources will maintain files and records for faculty and staff employees. Federal law strictly prohibits any retaliation against a person who exercises the right to file a complaint of discrimination. Retaliation is prohibited whether or not the complainant prevails with the complaint. Charges of retaliation shall be treated as separate and distinct from the original complaint of discrimination and may be filed utilizing this grievance procedure.

## 1. **Complaints**

1. **Disability Discrimination of Students.** Complaints by students involving disability discrimination should be filed with the Section 504 Coordinator. The Section 504 Coordinator for students is the Executive Director of Counseling and Disability Services.

Location: Office of Counseling and Disability Services, Crooker Center, second floor. Telephone: (713) 525–3162

1. **Disability Discrimination of Faculty and Staff Employees.** All disability discrimination complaints by faculty or staff employees should be filed with the Associate Vice–President of Human Resources

Location: Administrative Services, Human Resources Telephone: (713) 525–3813

1. **Discrimination Grievance Officers.** The persons designated above to receive complaints under these procedures shall be referred to as Discrimination Grievance Officers. If the designated Grievance Officer is the accused party, the complaint may be filed with the other Grievance Officer the Vice President for Student Affairs for students) or the Vice President for Finance (for faculty and staff employees).
2. **Complaints by Mail.** Complaints may also be mailed to the appropriate Discrimination Grievance Officer at the following address:

University of St. Thomas 3800 Montrose Boulevard

Houston, Texas 77006

The complaint and its envelope should be marked “Confidential.”

## 2. **Procedure**

1. **Contents of Complaint.** Complaints must be filed in writing with the Discrimination Grievance Officer and must contain the following:
  1. Name and address of the person making the complaint (“Complainant”).
  2. A brief description of the alleged discriminatory action or actions.
  3. The date or dates of the alleged discriminatory actions.
  4. The person or persons alleged to have engaged in the discriminatory action or actions.
2. **Deadline for Filing the Complaint.** The complaint must be filed with the appropriate Discrimination Grievance Officer within 30 days after the Complainant becomes aware of the alleged discrimination.
3. **Informal Resolution.** The Grievance Officer will notify the appropriate Vice President of the complaint, if deemed necessary. If the accusing individual is a student, the Executive Director of Counseling and Disability Services will address the complaint. If the accusing individual is a faculty or staff employee, then the Associate Vice–President of Human Resources will address the complaint.
  1. The Grievance Officer shall determine whether the matter may be promptly resolved informally (for example, when the complaint arises from miscommunication between the parties, or when the accused party admits wrongdoing and agrees to take appropriate corrective action). Informal resolution will be attempted as soon as possible and need not wait for the written

response of the accused party, unless deemed appropriate by the Grievance Officer. If the Associate Vice-President of Human Resources is the accused party, the Complainant will contact the Vice President for Finance instead of the Associate Vice-President of Human Resources. If the Executive Director of Counseling and Disability Services is the accused party, the Complainant will contact the Vice President for Student Affairs instead of the Executive Director of Counseling and Disability Services. If the area Vice President is the accused party, the Grievance Officer will contact the President instead of the Vice President.

4. **Response.** The accused party will be provided a copy of the complaint and will provide the Grievance Officer a written response within five business days after receiving a copy of the complaint. The Grievance Officer may waive the requirement for a written response if the matter has been informally resolved.
5. **Investigation.** If it appears that the matter cannot be informally resolved, the Grievance Officer will proceed with the investigation. The investigation may be informal, but shall be impartial and as thorough as appropriate under the circumstances. The Complainant and the accused party shall be given an opportunity to submit evidence relevant to the filed complaint. The Grievance Officer may also interview persons who the officer believes may have knowledge bearing on the matter and may require the Complainant or accused party to provide additional documentation, information or evidence that the officer deems appropriate.
6. **Determination and Resolution.** The Grievance Officer will prepare written recommended findings as to the validity of the complaint and will, after consultation with the area Vice President recommend resolution of the complaint, if any ("Recommendation"). The Recommendation will then be given to the area Vice President, who will make the final decision and communicate the decision to the Complainant and the accused party ("Determination").
7. **Reconsideration.** Either party may appeal the Determination by filing a notice of appeal ("Notice") with the President of the University. The Notice must be filed within five business days after receipt of the Determination, and must include a copy of the Determination and a description of the issues being appealed. Copies of the Notice shall be provided by the appealing party to the Grievance Officer and the appropriate area Vice President. The Grievance Officer will provide a copy of the Notice to the other party. The other party may file a rebuttal statement to the appeal within five business days after receipt of the Notice. The President (or designee) shall review the matter and take any appropriate action, including, but not limited to affirming, modifying or reversing the Determination or requiring that additional investigation be performed. The President shall provide a written decision to both parties, the appropriate area Vice President and the Grievance Officer.

## Office of International Student and Scholar Services

The Office of International Student and Scholar services (OISSS) provides F-1 and J-1 visa status students, scholars and their dependents general information related to their immigration status including but not limited to guidance on how to apply for a visa, changing visa status in the U.S., maintaining lawful immigration status, transferring between schools, and employment authorization matters. Other requirements, benefits, and deadlines apply to F-1 and J-1 students and scholars in addition to the general information below. Students should consult the OISSS for more details.

### Maintaining F-1 and J-1 Status

The U.S. federal regulations require F-1 and J-1 visa status students to maintain full-time enrollment in each spring and fall semester. Summer enrollment is optional unless it is the student's first semester at UST. Students beginning in a summer session must enroll for a minimum of six credit hours in the summer sessions. No more than one online course or three credit hours can be counted towards their enrollment minimum each semester. A student may take less than a full-time course load in their final semester or for other reasons permitted by the federal regulations.

Students must obtain the OISSS's permission before dropping below a full-time course load, changing degree programs, or withdrawing from the University. International students are also responsible to maintain valid documents such as passport and I-20 or DS-2019 at all times. If students cannot complete their program by the program end date on their I-20/DS-2019, students must obtain a program extension as soon as possible and no later than the end date. The OISSS reserves the exclusive authority in adjudicating such requests. Failure to obtain the required authorizations in a timely manner will result in termination of the student's lawful immigration status.

## **Employment**

### **On-Campus**

F-1 and J-1 students are eligible to work on-campus for up to 20 hours/week during spring and fall semesters. More than 20 hours/week is permissible during official school breaks. J-1 students must obtain authorization from the OISSS before starting the employment.

### **Curricular Practical Training (CPT)**

Curricular Practical Training (CPT) is temporary employment for F-1 students that is directly related to his or her major area of study and is an integral part of the established curriculum. The employment must be a degree requirement or bearing academic credit(s) towards an internship/clinical/field study/practicum or similar course that requires practical training.

In order to be eligible for CPT, a student must:

- Have maintained F-1 status
- Have enrolled full-time for one academic year. If the program requires immediate participation, there are exceptions for some graduate students.
- Meet the academic criteria for the course requiring practical training as determined by academic policies such as academic level requirement and prerequisites for an internship course.
- Obtain an employment/training offer directly related to the field of study that meets the practical training course requirements.

### **Optional Practical Training (OPT)**

Optional Practical Training (OPT) grants an eligible F-1 student an opportunity to work full-time for twelve consecutive months in the U.S. in a field that is related to their degree program at each degree level.

In order to be eligible for OPT, a student must:

- Have maintained F-1 status
- Have enrolled full-time for one academic year (including one spring semester and one fall semester)
- Have graduated or be eligible for graduation in the current semester.
- Have not already participated in post-completion OPT or exceeded 12 months of full-time Curricular Practical Training (CPT) at the current degree level.

## **Health Insurance Requirement**

All F-1 international students are required to enroll in the University's international student health insurance plan unless they already have health insurance that meets the waiver requirements. All J-1 exchange students and accompanying J-2 dependents are required to maintain adequate health and accident insurance coverage during their exchange program in the U.S. as mandated by federal regulations.

# Office of Residence Life

The Office of Residence Life supports the mission of the University through creating living-learning environments that meet the developmental needs of the students and embrace the religious and intellectual traditions of Catholicism.

Catholic values shape our housing philosophy, programs, and policies that non-Catholic Christians and non-Christians alike can share: humility, respect for life, charity, honesty, compassion, justice, knowledge, freedom of inquiry, responsibility, family, friendship and community. These values prepare our student-residents not only to become good citizens but, more importantly, to become responsible stewards of all creation.

Nothing more clearly demonstrates the University's commitment to the safety, security, comfort and well-being of its student-residents than the quality and quantity of people selected to oversee the daily operation of its Residence Life program. Every member of the Residence Life staff, from the full-time administrators to the paraprofessional student-staff (Resident Assistants, Office and Desk Workers, and other Student Leaders) has been carefully selected and trained to meet the needs of the student-resident population. The staff diligently works to get to know every resident on a personal basis and build a community living environment where everyone feels welcomed and valued.

Professional and paraprofessional staff reside on campus and are available 24/7 to assist residents when classes are in session. Many other full-time professionals, including a licensed psychologist, professional counselors, and university police officers, are available on-call to assist our Residence Life staff.

## Facilities

The University maintains multiple housing options for students, which are conveniently located within a short walking distance of our academic and campus life malls. Students interested in taking advantage of living on campus may apply for housing in Guinan Residence Hall or in one of our upper-class student apartments or townhomes. On-campus residents must purchase one of the residential meal plan offered by the University.

### Guinan Residence Hall

Guinan Hall offers fully furnished double and triple occupancy rooms with private bathrooms, individually controlled thermostats, and microwave/refrigerator combination units. During the COVID-19 pandemic, we are offering single and double rooms. Triple rooms will not be offered during the pandemic. All rooms are equipped with wireless internet access and cable. Rooms are designed around beautifully manicured gardens and courtyards, and every room opens onto a balcony or patio. Residents have access to multiple community spaces and services: main lobby with gaming areas, community kitchen, study lounges, computer lounge, meditation room, conference room, media room, and laundry room with treadmills. The safety and security of our residents are our highest priority. Trained paraprofessional personnel monitor the lobby twenty-four hours a day, seven days a week, when classes are in session.

### Student Apartments and Townhomes

Student apartments and townhomes are located on the south side of campus and available for upper-class and non-traditional students. Residents can choose from multiple floor plans that include full-service kitchens with a dishwasher, stove and refrigerator. All apartments are furnished, including a dining room table and couch, and are equipped with wireless internet access. A high level of security measures is provided through video monitoring and safety rounds conducted by our Resident Assistants and University police.

### Services and Amenities

Residents of campus housing have the advantage of participating in activities designed specifically for them that encourage growth and autonomy. Each week our Residence Life Staff create opportunities for residents to become involved in our community through participation in social, spiritual, human awareness, physical and mental health, and academic programming. In addition, numerous leadership-development opportunities are available for our student-residents. Nothing more clearly demonstrates the University's commitment to the safety, security, comfort and well-being of its student-residents than the quality and quantity of people selected to oversee the daily operation of its Residence Life program. The staff diligently works to get to know every resident on a personal basis and build a community living environment where everyone feels welcomed and valued. Professional and paraprofessional staff reside on campus and are available 24/7 to assist residents when classes are in session. Many other full-time professionals, including a licensed psychologist, professional counselors, and university police officers, are available on-call to assist our Residence Life staff.

### **Eligibility**

Students become eligible for campus housing once they receive formal notice of admission to the University and pay the enrollment deposit. Resident students must be enrolled full-time and must be pursuing a degree at UST. According to Texas State Law, all residents must be vaccinated for Meningitis at least 10 days prior to moving into the residence halls. Housing Application forms are available online on the Residence Life Webpage. When the Office of Residence Life receives a completed Housing Application and Immunization Records, the student will be sent a Housing Contract. Students must complete this contract and return it to the University with a security deposit. This deposit covers damages that may occur during the contract term, and it serves as a room reservation fee. Upon request, the deposit may be returned to the student at the end of the contract term if the terms and conditions of the housing contract have been fully met.

### **Assignment**

The University seeks to maintain a balance in the number of spaces allocated for occupancy by first-year traditional and upper-class students. Assignment for first-year traditional students is on a first-come, first-served basis with preference given to those with the earliest contract and deposit-receipt date. Students who do not receive a housing assignment may request to have their names placed on the Residence Life Waiting List. The University maintains full and final authority to determine assignment from the Housing Interest List. Among the criteria considered for placement are classification, permanent address, access to transportation, special needs, and/or financial aid/scholarship status

### **Information**

Residence Life housing information is available through the Office of Residence Life, 713-525-3836, [residencelife@stthom.edu](mailto:residencelife@stthom.edu).

## **Office of Student Affairs**

The Office of Student Affairs supports the mission of the University and the Basilian Catholic tradition through programs, policies, and services that offer valuable learning experiences and promote development of the whole person. Student Affairs is comprised of the following offices: Career Services and Testing Center, Counseling and Disability Services, the Office of the Dean of Students, Health Promotion and Wellness, Intercollegiate Athletics, Residence Life (which includes all residence halls), Recreational Sports (including the Jerabeck Activity and Athletic Center), Student Activities, the Office for Student Success, and the University Police Department.

The Mendenhall Achievement Center, located on the second floor of Crooker Center, was established at the University of St. Thomas in 2008 as the result of a gift to the University from Trini Mendenhall, University. The Center is comprised of a professional support team that works collaboratively to provide a comprehensive approach designed to assist students with achieving their goals. Services within the Mendenhall Achievement



Center include Academic Advising, the Career Services and Testing Center, Counseling and Disability Services, Tutorial Services, and the Office for Student Success. In addition to its central location, students benefit by having these support services in one location.

The Office of Student Affairs, located on the second floor of the Crooker Center, also helps coordinate the Student Government Association, the Student Activities Board, the Council of Clubs, and management of the Crooker Center, and oversees the Code of Student Conduct. The Office of Student Affairs issues UST Identification Cards; schedules room reservations for the Old Bookstore in Crooker Center, as well as the Crooker Center corridor spaces; and keeps students aware of campus events and activities through weekly email announcements. Offices of the Vice President for Student Affairs and the Assistant Vice President for Student Affairs and the Assistant Dean of Students, as well as the University Athletic Director are located in the Office of Student Affairs.

For information on any of the above, or if you have concerns or ideas, please contact our office at 713-525-3570.

## Student Organizations and Activities (Ugrd)

### Office of Student Activities

The Office of Student Activities, located on the first floor of Crooker Center, oversees all club activity on campus, in addition to advising and collaborating with Executive Student Organizations. In addition to coordinating events and student enrichment activities throughout the year, the Office organizes leadership initiatives such as the Centralized Leadership Process and Leadership Summit, as well as hosts campus wide events including Family Weekend, Deck the Mall, Commuter Appreciation Day, Celts' Day of Service, and the end-of-semester Late Night Breakfasts.

### Executive Student Organizations

(The ESO Leadership Office is located in the Student Activities Suite, on the First Floor of Crooker Center)

- **Campus Activities Board (CAB)** ([cab@stthom.edu](mailto:cab@stthom.edu)) - Responsible for planning events and entertainment activities on campus. The goal of CAB is to enhance the student experience by building community and student engagement. CAB organizes events such as Neewollah (UST's annual Halloween bash), Welcome Back BINGO, Celts Got Talent, Geaux Celts Crawfish Boil, Spring Formal and more. CAB provides opportunities for involvement on campus. Apply to be a CAB intern today!
- **Campus Community** ([community@stthom.edu](mailto:community@stthom.edu)) - Coordinates activities for under-represented student populations on campus through both large-scale events and small programs. Their events enhance the cultural experience for all students with activities celebrating Hispanic Heritage Month, Women's History Month, Black History Month, Lunar New Year, First Generation Students, among many others.
- **Campus Initiatives** ([ci@stthom.edu](mailto:ci@stthom.edu)) - Coordinates sustainability efforts on campus, leads student activities to increase school spirit, and creates and executes various other University wide initiatives. Events hosted by this group include tailgates, recycling Fridays, and volunteer opportunities that are open to all students.
- **Student Body President** ([studentbodypresident@stthom.edu](mailto:studentbodypresident@stthom.edu)) - Serves as the chief executive officer of the Executive Student Organizations, which is made up of Senate, Campus Activities Board, Campus Community, Campus Initiatives, and Treasury. The Student Body President is charged with hosting public forums, cultivating awareness of student needs and concerns to administration, and promoting and supporting student events and activities.
- **Student Government** ([senate@stthom.edu](mailto:senate@stthom.edu)) - Represents the opinions of the undergraduate student body and provides a channel for communication between the student body and the greater University

community. It also provides a forum for the expression of student views and interests. Meetings are held in the COC room on the second floor of Crooker Center. All students are invited and welcome to attend Senate meetings.

- **Treasury** ([treasury@stthom.edu](mailto:treasury@stthom.edu)) - Responsible for the allocations of student activity fee funds to the various ESOs, student organizations, and student groups.
- **Registered Student Organization (RSO)** ([rso@stthom.edu](mailto:rso@stthom.edu)) - An independent student organization created for the purpose of fostering intra- and inter- club interests. It is comprised of designated representatives from each student club and organization. The RSO encourages and supports the creation of new student clubs on campus and promotes club interaction, club development and student participation in academics and social activities. It provides student clubs the support necessary for the coordination and fulfillment of their constitutional objectives. The RSO office is located on the first floor of Crooker Center, in the Student Activities Suite. Refer to [stthom.edu/studentactivities](http://stthom.edu/studentactivities) to see a complete list of Registered Student Organizations.
- **Club Sports Association (CSA)** ([ustclubsports@stthom.edu](mailto:ustclubsports@stthom.edu)) - Oversees the various recreational sport clubs, intramurals and recreational trips on campus. The CSA Leadership Team assists in the planning, scheduling, and promotion of practices and competitions within the CSA. The CSA Leadership can be found on the first floor of the Jerabeck Activity and Athletic Complex (JAAC). Refer to [stthom.edu/studentactivities](http://stthom.edu/studentactivities) to see a complete list of active Club Sports.

## Student Publications

- **The Celt Independent** - The University of St. Thomas online newspaper, The Celt Independent ([celtindependent.com](http://celtindependent.com)), is student-funded and student-run, and operates as a journalism practicum within UST's Communication department. Editors and columnists are selected from among the department's most experienced student writers, but all UST students are welcome to submit newsworthy story ideas and drafts. Students interested in joining the Independent staff are encouraged to contact the editor at [editor@celtindependent.com](mailto:editor@celtindependent.com); attend the newspaper's weekly assignment meetings in the Communication department newsroom; or take UST's News Writing and Reporting class. From the Independent's mission statement: "We commit to accurate, transparent and objective journalism according to the highest professional standards of the industry as outlined in the Code of Ethics of the Society of Professional Journalists. We believe democracy requires a free and independent press, and that knowledge enables informed decisions. Our mission is to seek the truth and report campus-related news to the UST community for the common good."
- **Laurels** - The literary magazine of the UST English Department. Student-funded and student-run, Laurels provides opportunities for student writers, illustrators, and photographers to publish their works. Each semester, Laurels publishes poems, plays, short fiction, and imaginative essays. For more information, email [laurels.mag@gmail.com](mailto:laurels.mag@gmail.com).
- **Thoroughfare** - A magazine produced by the UST English Department. The magazine focuses on feature articles, written about issues or places in and around the University of St. Thomas campus. Thoroughfare provides an opportunity for students to learn magazine layout, publishing, advertising and article acquisition. Contact Dr. Janet Lowery, [lowery@stthom.edu](mailto:lowery@stthom.edu), for information.

## Departmental Organizations

- **Accounting Society** - The purpose of the Accounting Society, established by the faculty and the students of the Accounting Department, is to provide advice, instruction and information to its membership. Through its membership, it acts as a liaison among its members, the accounting faculty and the personnel within the accounting profession.
- **American Chemical Society (ACS)** - The objectives are to provide opportunities for students in chemical science to become better acquainted, to secure the intellectual stimulation that arises from professional association, to obtain experience in preparing and presenting technical material before chemical audiences, and to foster a professional spirit among members.

- **Association of Latino Professionals for America (ALPFA)** – is the premier business organization for expanding opportunities for Latino Leadership in the Global Market. ALPFA is the largest Latino Association for business professionals and students with chapters nationwide and over 16,000 members. ALPFA is dedicated to enhancing opportunities for Latinos and building leadership and career skills. ALPFA is a non-profit entity registered with the Internal Revenue Service. Membership is open to anyone who shares out values vision, and mission.
- **Association of Texas Professional Educators (ATPE)** – The purpose of this association is to interest young men and women in the profession of teaching, to provide members with opportunities for developing personally and professionally, and for gaining an understanding of the history, ethics, and programs of the organized teaching profession. The group also promotes activities, services, and training for educators while developing and maintaining high standards of professional ethics.
- **Beta Beta Beta Biological Honor Society** – Tri Beta Honor Society functions to stimulate interest while investigating biological studies for students in the life sciences.
- **Bilingual Education Student Organization (BESO)** – BESO's main objective is to share information and resources among students and faculty members interested or involved in bilingual/bi-cultural education. It also serves as a resource for its members by creating professional development opportunities for them. The group has a strong tie to the School of Education on campus.
- **Business Latin American Association (BLA)** – is an organization created in 2014 to connect the UST-CSB community with the professional world to develop the Houston-based professional community interested in US-Latin America commercial relations, by offering programs of value such as professional networking and education.
- **Chi Rho** – An academic club for anyone at UST interested in Catholic theology. The purpose of the club is to provide an opportunity to discuss theological topics, to gain exposure to career opportunities for theology majors and minors, to provide theology graduate school information, to foster Catholic tradition and heritage, and to participate in events pertaining to this field of study.
- **Criminology, Law, Society Club** – This club supports those interested in studying in the Criminology, Law & Society Department. It assists with those seeking internships and career opportunities.
- **Finance Consortium** – Committed to ensuring student are well informed in their decision to pursue a career in finance counseling, tutoring and internship help will be given to any member who requires assistance. Seeks to enhance the overall educational experience through supplemental workshops, book scholarship award and book of the month program. Networking and social endeavors aim to provide an avenue for current students to connect to ever-growing alumni base, and create a network with their current peers.
- **Finance Society** – The Finance Society is a club open to anyone who is interested. The club is meant to create an interactive culture within the business majors where one can discuss academics, develop leadership, and be guided in the right direction throughout their academic career at UST.
- **French Club** – Known first as “Le Cercle Francais,” it is an organization available to all students of French courses and promotes cultural and intellectual activities in French. This organization will provide academic services as well as nonacademic activities to students.
- **International Studies Society (ISS)** – This society, headquartered at the Center for International Studies, was formed in the fall of 1984 to promote greater awareness of international issues throughout the University community. Membership is open to all interested parties, with automatic membership given to international studies majors. Main functions include fund-raising for the internship and scholarship programs, providing awareness of international events, stimulating interest and participation in student conferences, and sponsoring various other activities within the community.
- **Laurels** – *Laurels* is a student-produced literary magazine that provides opportunities for writers, illustrators and photographers to have their work published. The magazine appears twice yearly, in fall and spring issues. It is sponsored by the English Department.
- **Math Club** – This group is for math majors and those interested in math problems and projects.

- **Model UN Club** – This group operates under the Center for International Studies. Campus delegates represent UST at Model UN competitions. Competition topics include those topics faced by current world leaders such as poverty, terrorism and global warming.
- **UST Chapter of the National Student Nurses' Association (NSNA)** – The goal of the club is to support pre-nursing and nursing students as they strive to perform services regarding health and charity within the UST and outside community. The club also promotes health awareness issues.
- **Pre-Health Professions Society** – This organization wishes to create a more competitive and informed pre-health professions student and to provide that student with a support network in a cooperative environment.
- **Psi Chi Club** – Membership in the Psychology Club is open to all students interested in psychology. Activities have included workshops on applying to graduate school, lectures by prominent professional psychologists, talks by UST alumni presently in graduate programs, presentations of original research findings, and various community service activities. The senior banquet and induction reception are notable social events.
- **Irish Club** – This group promotes the Irish culture and language via support from the Center for Irish Studies. St. Patrick's Day is the highlight event that this organization participates in. Additional programs are held throughout the year.
- **Spanish Club** – This club's purpose is to enliven the interest in the Spanish language and Hispanic culture. Activities include enrichment opportunities such as sponsoring or attending lectures and films and visiting museums concerned with language or culture. All students are invited to participate, even those not currently studying Spanish, regardless of their level of ability.
- **Pi Sigma Alpha** – The purpose of Pi Sigma Alpha is to represent the needs and interests of students enrolled in political science, undergraduate students, administration, faculty, and other members of the community as well as outside organizations interested in political science. Additionally, Pi Sigma Alpha stimulates and facilitates communication and interaction with the UST community and the surrounding community in Houston.

## Honor Societies

- **Alpha Psi Omega** – Drama Honor Society – The Drama Program sponsors the Alpha Alpha Beta Chapter of the national Drama Honor Society, Alpha Psi Omega. Membership for Alpha Psi Omega is by invitation and is dependent on the quality and diversity of the individual's achievement in Drama Program activities.
- **Alpha Sigma Lambda** – A nationally recognized honor society for adult students in higher education, this group recognizes the special accomplishments of adults who achieve academic excellence while facing competing interests of home and work. Students 25 years of age or older who have completed at least 30 credit hours at the University (full-or part-time) with at least a 3.30 cumulative GPA are invited to membership in the University's Theta Zeta chapter.
- **Alpha Tau Omicron Omega** – Catholic Studies Honor Society – Promotes and recognizes scholarship, service, and integration of faith with professional preparation. The Honor Society inducts undergraduate and graduate students who have completed four courses in Catholic Studies (at least one core course; others may be cross-listed through other departments). Students who hold a minimum cumulative GPA of 3.20, with a 3.30 in Catholic Studies courses are invited to apply. Normally undergraduate students are juniors or seniors in good standing. The Society serves at The Archbishop Miller Lecture Series and sponsors two other activities each year. It sponsors Candlelight Stations of the Cross on the Academic Mall during Lent and co-sponsors the Living Rosary in October with Campus Ministry. The annual Christmas Party, Spring Luncheon and St. Joseph Day Induction service highlight their social engagements. Honor cords are the papal colors (yellow and white); all members wear a designated pin.
- **Aquinas Honor Society** – Membership in this society is open to graduating seniors whose cumulative GPA is 3.00 or better and whose semester average is 3.30 for at least five semesters of full-time study at the University. Candidates are inducted and are awarded keys at the annual Honors Convocation in the spring.

- **Aquinas Leadership Service Association** – ALSA is an honorary student organization that offers service and leadership to the University. It attempts to assist the administration, faculty and staff in any way requested. Annual activities include hosting a faculty appreciation day luncheon in the fall, assisting as hosts at graduation exercises, escorting VIPs to the University, assisting at University meetings, participating in recruiting and admission efforts and helping with fundraising activities. Membership is open to all University students with at least 30 credit hours and a 3.25 GPA. New members are nominated by the faculty and are chosen by ALSA members. Initiation of new members takes place in October. ALSA members may be identified by their distinctive dress, a blue blazer with an ALSA patch or pin.
- **Beta Beta Beta** – Tri Beta is the national Biological Honor society. Founded in 1922, it recognizes outstanding academic achievement in all areas of biology. Regular membership is open to students who have successfully completed three college biology classes and maintain a minimum biology GPA of 3.20 and an overall GPA of 3.00. Associate membership is available for those who do not fulfill regular membership requirements. The University of St. Thomas' Nu Beta chapter was inducted into the national society in the fall of 1998. The chapter sponsors several functions each semester, including a speaker series and community volunteer opportunities. Candidates are inducted into the chapter in the fall.
- **Beta Alpha Psi** – Founded in the Spring of 2015. The primary objective of BAP is to encourage and give recognition to scholastic and professional excellence in the business information field. Including promoting and practicing the study of accounting, finance and information systems.
- **Beta Gamma Sigma** – Beta Gamma Sigma is the honor society for the students enrolled in the business and management programs accredited by AACSB International (The Association to Advance Collegiate Schools of Business)
- **Delta Epsilon Sigma** – The Beta Omega Chapter of the National Catholic Honor Society elects to membership in the senior year the top 10 percent of the graduating class who have earned a minimum 3.50 GPA at the University, selected from those who have a record of outstanding academic accomplishment and who have helped to foster intellectual activities and show promise of becoming leaders because of the scope of their accomplishments. A limited number of students with at least a 3.80 GPA at the University may be admitted in their junior year. A minimum of 60 credit hours earned at the University is required for membership.
- **Epsilon Delta** – The Mathematics Department sponsors the Epsilon Delta Honor Society to recognize outstanding achievement by undergraduates in the study of mathematics. The society promotes an appreciation of the power and beauty of mathematics as well as its importance in the development of Western civilization. Membership is by invitation of the faculty.
- **Kappa Delta Pi** – This is an international honor society in education, represented on campus by Pi Lambda Chapter. Membership is by invitation only to outstanding senior-level and graduate students in education. The society recognizes excellence in education through a program of speakers, scholarships and awards.
- **Lambda Pi Eta** – The National Communication Honor Society members have completed 60 undergraduate credit hours, achieved a cumulative GPA of 3.00, and completed 12 credit hours in communication courses with a minimum GPA of 3.25.
- **Mu Phi Epsilon** – UST's international professional music fraternity is represented by the Gamma Tau Chapter. Membership includes faculty and music majors or minors who have been selected on the basis of scholarship and musicianship. The fraternity promotes the advancement of music in America and throughout the world. The Student Music Society is open to all students with an interest in music. The society's activities include attendance at concerts and member performances at UST and in the community.
- **Omicron Delta Epsilon** – Omicron Delta Epsilon, one of the world's largest academic honor societies. Founded at UST in 1966 for recognizing the scholastic attainment and the honoring of outstanding achievements in economics.
- **Pi Delta Phi** – National French Honor Society is represented on campus by the Gamma Eta Chapter. Advanced French students with "B" or better grades in French and a "B" (2.80) average in all other studies are nominated to this society and are eligible for national scholarships. The students also must rank in the

upper 35 percent of their class. The chapter welcomes beginning students of French as associate members who form le Cercle Français. It provides an informal opportunity for students to practice French language skills regularly outside the classroom setting. All students are invited to participate, even those not currently studying French, regardless of their level of ability.

- **Phi Alpha Theta** – The History Department sponsors the Upsilon Gamma Chapter of Phi Alpha Theta, the International History Honor Society. It promotes the study of history by encouraging research, teaching, publication and the exchange of ideas. Students who complete 12 credit hours in history and maintain a “B” average are eligible for membership.
- **Phi Sigma Alpha** – The purpose of Pi Sigma Alpha is to represent the needs and interests of students enrolled in political science, the undergraduate student body of the University of St. Thomas, administration, faculty, and other members of the community as well as outside organizations interested in political science. Additionally, Pi Sigma Alpha stimulates and facilitates communication and interaction with the UST community and the surrounding community in Houston.
- **Phi Sigma Tau** – The Philosophy Honor Society is represented on campus by the Texas Epsilon Chapter. This society’s purpose is to recognize and foster excellence in philosophy and to supplement classroom study of philosophy with outside activities such as discussions, talks and tours. The society also publishes undergraduate essays in its semi-annual periodical, “Dialogue.” To be invited to membership in the International Society, a student must ordinarily have completed at least three philosophy courses with superior grades and maintain a cumulative GPA of 3.00.
- **Psi Chi** – Psychology Honor Society – Psi Chi, the National Honor Society in Psychology, founded in 1929 for the purpose of encouraging, stimulating and maintaining scholarship in the science of psychology, is an affiliate of the American Psychological Association. Its two major goals are to recognize academic scholarship and to nurture the creative spark of scholarship and research through discussions, lectures by eminent psychologists and promoting undergraduate research. Membership in Psi Chi requires successful completion of 9 credit hours in psychology at UST and a GPA of 3.00 overall and in psychology courses.
- **Sigma Tau Delta** – English Honor Society – Membership in the National English Honor Society chapter is open to all English majors and minors who have completed 12 credit hours of English with a GPA of at least 3.00 and who are in the top 35 percent of their class. Initiated members promise to foster the reading and study of literature in their own lives and those of other people.
- **Sigma Iota Rho** – Established in 1994, it is the international studies honor society on campus. The purpose of this organization is to promote and reward scholarship and service among students and practitioners of international studies, international relations and global studies and to foster integrity and creative performance in the conduct of world affairs. Membership, by invitation only, is open to outstanding junior- and senior- level students.
- **Sigma Theta Tau** – UST Honor Society of Nursing – The University of St. Thomas Honor Society of Nursing (USTHSON) is an organization that recognizes excellence and promotes professional development of our nursing students. The society’s mission and vision is to honor nursing leaders who are committed to improving health worldwide. The Society supports the goal of the University of St. Thomas Carol and Odis Peavy School of Nursing to prepare highly qualified nurses, who practice nursing as a professional discipline with a standard of excellence in holistic healing. The Honor Society of Nursing at UST was first established in June 2014 and held its first induction of 23 nursing students and 10 faculty members and community leaders. To be eligible for UST-HSN, students must be enrolled in the Bachelor of Nursing program; complete 50 percent of the nursing courses maintain at least a 3.0 GPA, is in the top 35 percent of the class at the time of selection, and demonstrate personal integrity and character. The students must also be invited to join USTHSON.
- **Theta Alpha Kappa** – The Theology Department sponsors a chapter of the Theology Honor Society, Theta Alpha Kappa. It encourages the study of the various branches of theology by promoting discussion, research and publication. Membership is open to all interested students who have completed three semesters of study at the University with an overall GPA of 3.00 and a minimum of four courses in theology with a GPA of 3.50 in those courses.

- **Theta Omega** – This chapter of Sigma Delta Pi, a National Hispanic Honor Society, elects to membership those students whose entire academic achievement has been outstanding. The objective of the chapter is to stimulate the students' interest in the cultural and intellectual features of the community and of the Hispanic world.

## Student Services

Located in the heart of Houston, the University of St. Thomas is easily accessible from the downtown center of the city and all major freeways and is within walking distance of several important museums and art galleries. Public transportation is readily available, and the city is working to develop significant improvements.

Renowned architect Philip Johnson designed the University's Academic Mall, which is dominated by the Chapel of St. Basil on the north end and Doherty Library on the south end. Directly west, and running parallel to it, is the Campus Life Mall, featuring the Gueymard Meditation Garden and Chartres Labyrinth; Moran Center, with its parking garage, bookstore, University Police Department, and student lounge; Crooker University Center; and Jerabeck Athletic Center. Spacious curving walkways, attractive landscaping, and many places to sit, relax, talk, think, and rest accentuate these sites. Several blocks of old homes and modern two-story buildings housing various departments and student facilities surround the two malls.

The University atmosphere is lively and friendly. Administrators, faculty, staff and students form an academic community which makes every effort to accommodate the physical, emotional, spiritual, and intellectual needs of students. Following is a partial list of facilities and programs designed for that purpose.

## Technology

The University of St. Thomas provides technology to its students for academic and personal use. UST students can utilize high speed Internet access from a campus-wide network. UST's wireless network covers the majority of the campus and allows for guest access as well.

The University offers several online services to students, including Webmail, registration, access to class schedules, grades, online payment services, and an online learning management system for distributed and distance learning initiatives. Student organizations and clubs are eligible for web space and email accounts.

Most classrooms have integrated instructor stations and media projection systems that are permanently installed. Several classrooms are equipped with student computer workstations.

The primary student computing lab, located in the Doherty Library for ease of access, provides computers and printers that access common instructional applications. In addition, computers designated for student use are available in the Tutorial Services Center, Language Lab, Guinan Residence Hall, and several other departmental laboratories, such as Chemistry and Psychology. Students may also use their own computers with the wireless network.

## Tutorial Services Center

The goal of the Tutorial Services Center is to help students become more self-sufficient and confident with their learning skills. To that end, the TSC offers comprehensive peer tutoring for students currently enrolled at UST. All tutors must meet specific academic requirements, be recommended by UST faculty, and undergo a certified training program in a variety of academic subjects and general writing skills. The Tutorial Services Center (TSC) is certified by the College Reading and Learning Association (CRLA) under its International Tutor Training Certification Program (ITTCP). The ITTCP recognizes and reinforces successful tutoring services by setting common high standards for tutor skills and training. TSC tutors receive ongoing specialized training and are certified in three areas, Regular, Advanced and Master, depending on their experience.



Besides providing assistance in content areas, tutors help students understand general concepts; for example, what are the elements of fiction or how does a democracy differ from a republican form of government? Though tutors do not edit writing assignments, they guide students through the process, pointing out problems such as unclear thesis statements, grammar errors, and weaknesses in organization and development. The word “tutoring” is often associated with remedial help. However, even students who are doing well in a subject area visit the TSC in order to put the finishing touches on an assignment, to let an objective reader make useful suggestions, or to get confirmation of a job well done. We are happy to provide such reinforcement and to be a part of someone’s academic success.

The TSC also offers weekly workshops in thesis development, paragraph organization, the research paper process, writing a successful essay examination, and identifying academic integrity issues. This information is posted on the TSC Website, the UST APP, and in weekly Campus Announcements. Our Website also includes learning links that students may access for further assistance.

As part of the Mendenhall Achievement Center, a complex of centralized services for students, the TSC is committed to student success at the University of St. Thomas. Located in 207 Crooker Center, the TSC is open Monday–Thursday, from 9:00 A.M. – 7:00 P.M. and Friday, from 9:00 A.M. – 2:00 P.M.

The TSC Website, which provides comprehensive information and answers many student questions, is available on the University’s Website ([www.stthom.edu](http://www.stthom.edu)): Academics. Other contact information is [tutoring@stthom.edu](mailto:tutoring@stthom.edu), the UST APP, and 713.525.3878.

## Disability Nondiscrimination Policy (S.01.01)

### Scope

All Students.

### Purpose

To comply with Section 504 of the Rehabilitation Act of 1973.

### Policy/Procedure

#### 1. Counseling Services for Students

Counseling and Disability provides various services for students related to personal and emotional adjustment, mental health, developmental issues, academic skill-building and crisis intervention. Confidential services are provided at no cost for currently enrolled University students, are generally short-term, and follow a brief intervention model. Counselors will assess the nature and extent of a student’s concern and make appropriate recommendations. Services offered include initial assessment, consultation, individual and group counseling, crisis intervention, academic support, campus outreach, and referral information. More information is available at [www.stthom.edu/counseling](http://www.stthom.edu/counseling). For an appointment or additional information, contact C&DS at 713-525-2169 or 713-525-6953.

#### 2. Disability Services for Students

Counseling and Disability Services also provides academic accommodations for students with disabilities. If a student has a documented disability, reasonable and appropriate academic accommodations for students who qualify under Section 504 of the Rehabilitation Act of 1973 are available to ensure equal access to programs and opportunities at the University. Disabilities may be defined by the following:

- learning disabilities
- health impairments
- physical limitations

- psychiatric disabilities

Students should set an appointment with professional staff at C&DS to review the nature and history of the disability as well as present concerns related to the educational environment. For information regarding the procedures required to obtain academic accommodations at UST, please refer to the UST Undergraduate Catalog or visit our website at: [www.stthom.edu/counseling](http://www.stthom.edu/counseling). For an appointment or additional information, contact C&DS at 713-525-2169 or 713-525-6953.

### 3. Disability Nondiscrimination Policy

It is the policy of the University of St. Thomas not to discriminate on the basis of disability in admission and access to, or treatment or employment in its program or activities, as required by Section 504 of the Rehabilitation Act of 1973, as amended, (involving disability discrimination), and the implementing regulations. If you have any questions regarding this policy, please contact the following persons:

#### Section 504 Coordinators

- Primary for Students: Executive Director of Counseling and Disability Services (713) 525- 3162
- Primary for Faculty and Staff Employees: Associate Vice President for Administrative Services (713) 525-3813
- Secondary for Students: Vice President for Student Affairs (713) 525-3570
- Secondary for Faculty and Staff Employees: Vice President for Finance (713) 525-6960

University of St. Thomas  
3800 Montrose Boulevard  
Houston, Texas, 77006

If you believe you may have been discriminated against in violation of this policy, please immediately contact the Section 504 Coordinators, the Office of Human Resources or the Office of Student Affairs for a copy of the University's Discrimination Grievance Procedures.

### 4. Discrimination Grievance Procedures

The University of St. Thomas has adopted an internal grievance procedure providing for the prompt and equitable resolution of complaints alleging any action prohibited by Section 504 of the Rehabilitation Act of 1973, as amended (involving disability discrimination). Information will be kept confidential to the extent possible. The Section 504 Coordinators will maintain the files and records related to all complaints filed, the written findings, and resolutions. The Executive Director of Counseling and Disability Services will maintain files and records for students; the Associate Vice President for Administrative Services will maintain files and records for faculty and staff employees. Federal law strictly prohibits any retaliation against a person who exercises the right to file a complaint of discrimination. Retaliation is prohibited whether or not the complainant prevails with the complaint. Charges of retaliation shall be treated as separate and distinct from the original complaint of discrimination and may be filed utilizing this grievance procedure.

### 5. Complaints

**a. Disability Discrimination of Students.** Complaints by students involving disability discrimination should be filed with the Section 504 Coordinator. The Section 504 Coordinator for students is the Executive Director of Counseling and Disability Services. Location: Office of Counseling and Disability Services, Crooker Center, second floor. Telephone: (713) 525-3162

**b. Disability Discrimination of Faculty and Staff Employees.** All disability discrimination complaints by faculty or staff employees should be filed with the Associate Vice President for Administrative Services. Location: T.P. O'Rourke Hall, first floor Telephone: (713) 525-3813

**c. Discrimination Grievance Officers.** The persons designated above to receive complaints under these procedures shall be referred to as Discrimination Grievance Officers. If the designated Grievance Officer is the accused party, the complaint may be filed with the other Grievance Officer or the Vice President for Student Affairs (for students) or the Vice President for Finance (for faculty and staff employees).

**d. Complaints by Mail.** Complaints may also be mailed to the appropriate Discrimination Grievance Officer at the following address:

**University of St. Thomas  
3800 Montrose Boulevard  
Houston, TX 77006**

The complaint and its envelope should be marked "Confidential."

## 6. Procedure for Complaints

a. Contents of Complaint. Complaints must be filed in writing with the Discrimination Grievance Officer and must contain:

1. Name and address of the person making the complaint ("Complainant").
2. A brief description of the alleged discriminatory action or actions.
3. The date or dates of the alleged discriminatory actions.
4. The person or persons alleged to have engaged in the discriminatory action or actions.

**b. Deadline for Filing the Complaint.** The complaint must be filed with the appropriate Discrimination Grievance Officer within 30 days after the Complainant becomes aware of the alleged discrimination. (Processing of allegations of discrimination that occurred before this grievance procedure was in place will be considered on a case-by-case basis, or under other appropriate grievance procedures.)

**c. Informal Resolution.** The Grievance Officer will notify the appropriate Vice President of the complaint, if deemed necessary. If the accusing individual is a student, the Executive Director of Counseling and Disability Services will address the complaint. If the accusing individual is a faculty or staff employee, then the Associate Vice President for Administrative Services will address the complaint. The Grievance Officer shall determine whether the matter may be promptly resolved informally (for example, when the complaint arises from miscommunication between the parties, or when the accused party admits wrongdoing and agrees to take appropriate corrective action). Informal resolution will be attempted as soon as possible and need not wait for the written response of the accused party, unless deemed appropriate by the Grievance Officer. If the Associate Vice President for Administrative Services is the accused party, the Complainant will contact the Vice President for Finance instead of the Associate Vice President for Administrative Services. If the Executive Director of Counseling and Disability Services is the accused party, the Complainant will contact the Vice President for Student Affairs instead of the Executive Director of Counseling and Disability Services. If the area Vice President is the accused party, the Grievance Officer will contact the President instead of the Vice President.

**d. Response.** The accused party will be provided a copy of the complaint and will provide the Grievance Officer a written response within five business days after receiving a copy of the complaint. The Grievance Officer may waive the requirement for a written response if the matter has been informally resolved.

**e. Investigation.** If it appears that the matter cannot be informally resolved, the Grievance Officer will proceed with the investigation. The investigation may be informal, but shall be impartial and as thorough as appropriate under the circumstances. The Complainant and the accused party shall be given an opportunity to

submit evidence relevant to the filed complaint. The Grievance Officer may also interview persons who the officer believes may have knowledge bearing on the matter and may require the Complainant or accused party to provide additional documentation, information or evidence that the officer deems appropriate.

**f. Determination and Resolution.** The Grievance Officer will prepare written recommended findings as to the validity of the complaint and will, after consultation with the area Vice President, recommend resolution of the complaint, if any (“Recommendation”). The Recommendation will then be given to the area Vice President, who will make the final decision and communicate the decision to the Complainant and the accused party (“Determination”).

**g. Reconsideration.** Either party may appeal the Determination by filing a notice of appeal (“Notice”) with the President of the University. The Notice must be filed within five business days after receipt of the Determination, and must include a copy of the Determination and a description of the issues being appealed. Copies of the Notice shall be provided by the appealing party to the Grievance Officer and the appropriate area Vice President. The Grievance Officer will provide a copy of the Notice to the other party. The other party may file a rebuttal statement to the appeal within five business days after receipt of the Notice. The President (or designee) shall review the matter and take any appropriate action, including, but not limited to affirming, modifying or reversing the Determination or requiring that additional investigation be performed. The President shall provide a written decision to both parties, the appropriate area Vice President and the Grievance Officer.

## Academic Information

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### Definition and Determination of Credit Hours (A.00.00)

#### Scope

The following course types are covered by this policy.

- Classroom-based: Scheduled contact occurs primarily face-to-face in a classroom setting.
- Faculty-directed independent learning: Scheduled contact occurs via faculty supervision of students pursuing directed study for credit for such activities as capstone projects, independent work for distinction, or graduate thesis and dissertation requirements.
- Place-or practice-based: Scheduled contact occurs in non-classroom locations such as corporations (internships), schools, or clinics.
- Blended: Scheduled contact is a defined mixture of face-to-face and distance/online interactions.
- Online: Scheduled contact is mediated entirely online.

#### Purpose

Academic credit provides the basis for measuring the amount of engaged learning time expected of a student enrolled in traditional classroom settings, laboratories, internships, clinical fieldwork, online and hybrid courses, and other experiential learning. The credit hour value is an amount of work represented in intended learning outcomes and verified by evidence of student achievement to include contact time, the educational experience, and out-of-class preparation by the student.

#### Definition of a Credit Hour

The faculty of the University of St. Thomas (UST) determine the amount of credit awarded for undergraduate and graduate courses based on the unit of semester credit hour in accordance with federal and state rules.

UST adheres to the Carnegie unit for contact time, which is 750 minutes for each credit awarded: 14 weeks of classroom time totaling 2,100 minutes of instruction plus the 150 minute exam.

The University of St. Thomas (UST) defines a credit hour in accordance with federal regulation 34 CF 600.2 and the Texas Administrative Code, Title 19, Chapter 4, Subchapter A, Rule 4.6 [1]. As outlined by federal regulation:

A credit hour is an amount of work represented in intended learning outcomes and verified by evidence of student achievement that is an institutionally established equivalency that reasonably approximates not less than:

(1) One hour of classroom or direct faculty instruction and a minimum of two hours of out of class student work each week for approximately fifteen weeks for one semester hour of credit, or

(2) At least an equivalent amount of work as required in paragraph (1) of this definition for other academic activities as established by the institution including laboratory work, internships, practica, studio work, and other academic work leading to the award of credit hours.

The Texas Administrative Code (TAC) stipulates that “traditionally delivered three semester credit hour courses should contain 15 weeks of instruction (45 contact hours) plus a week for final examinations so that such a course contains 45 to 48 contact hours **“depending on whether there is a final exam.”** Additionally, “courses delivered in shortened semesters are expected to have the same number of contact hours and the same requirement for out-of-class learning as courses taught during a normal semester”

## Determination of the Amount and Level of Credit Hours

The faculty of each academic department or program review process ensures that the amount and level of credit awarded for undergraduate and graduate courses are compatible with sound academic practice in their particular academic disciplines and their professional judgment applied to the following criteria:

- The student learning outcomes of the course
- The amount and quality of work required by the student learning outcomes for the course
- The sophistication of course content relative to the content of: (a) other courses in the discipline; (b) the same or comparable courses in the discipline at other institutions; and (c) other courses in the curriculum in general
- Any recommendation that may come from the chief academic officer, or an academic department
- Any relevant guidance that may be available from sources such as the American Association of Collegiate Registrars and Admissions Officers (AACRAO)

The Undergraduate Curriculum Committee is responsible for reviewing and approving the amount and level of credit recommended by the faculty for all undergraduate courses leading to the baccalaureate degree, whether on-campus, off-campus, or online. The Graduate Council is responsible for reviewing and approving the amount and level of credit recommended by the faculty for all graduate courses.

## Guidelines for the Assignment of Credit

For courses offered during a typical 15-week semester, the combination of scheduled contact and independent student effort must be equivalent to at least 3 hours per week per credit hour. The guidelines should be adjusted accordingly a) for shorter courses, b) as directed by external agencies such as specialized accreditors, or c) as warranted by the standards of the discipline.

In a **face-to-face course**, credit hours are generally based on the hours per week the students spend in the classroom or lab, or “contact hours” with the students. A course that meets for three 50-minute periods per week during a full 15-week semester is considered 3 credit hours.

For **online and blended learning courses**, the hours per week is calculated by Time on Task. Faculty developing courses in these modalities estimate how long it will take the average student to complete all of the assignments to achieve the student learning outcomes for that week, including reading assignments, videos, quizzes, discussions, and group work.

## Level of Credit

The level of credit indicates the progressive complexity of coursework. Courses numbered 1000 contain entry level information for students beginning their academic degree. These are introductory courses that constitute the beginning of college work and do not require previous college experience (no pre-requisites are required). Typically, these courses would be taken by freshmen. Each level above that contains higher levels of disciplinary content. 2000 level courses have a higher level of disciplinary content than 1000-level courses. 3000- and 4000- level courses are typically the final courses students would take in their bachelor degree and the level would be the highest level of learning that should occur for the bachelor degree level.

This pattern of progressively more disciplinary content and complexity continues for Masters and Doctoral level courses, which carry course numbers at the levels of 5000, 6000, 7000, and 8000.

## Academic Advising (A.01.01)

### Scope

All Undergraduate Students.

### Purpose

Academic advising is central to the educational mission of the University of St. Thomas and embodies respect for the dignity of human persons unified in their several roles as student, family member, citizen, and professional. Every student entering UST is assigned to a faculty advisor and is also supported by the resources of the Academic Advising Center. The Academic Advising Center specializes in high quality advising and offers special help with major selection and degree planning as well as course scheduling and registration. Students are encouraged to explore their natural gifts, desires, and goals and are guided in crafting an appropriate, individual academic plan in keeping with those goals.

### Policy

#### 01. First-Year Advising

All freshmen entering the University of St. Thomas participate in the First Year Experience program. It is designed to prepare incoming students for success in the University environment. Incoming students attend Freshman Advising and Registration sessions to develop a personalized course of study for their first semester. They learn about the University's history, its core curriculum and become acquainted with expectations they will be challenged to meet as a student at UST. They also become acquainted with also some of the support services available on campus.

Freshmen are placed with highly qualified and dedicated First Year Experience advisors. These advisors are not major specific advisors; rather, they offer their expertise in helping freshmen develop their academic plans for the current and coming years at the University of St. Thomas. Students meet with their First Year Experience Advisor throughout their freshman year.

#### 02. Major Program Advising and Declaring a Major

New students to UST may declare a major, minor and/or pre-professional program at the point of initial advising and class registration in consultation with an academic advisor. Particular majors may have specific requirements and/or additional admissions processes, which must be fulfilled prior to a formal declaration of

major. Students who have reached 60 credit hours without having declared a major will be prevented from future registration. If a student has reached 60 credit hours and is still undecided, they may be granted an additional semester to register by requesting a formal extension through the Office of Academic Advising. Declaration of major will not be official until appropriate documentation is submitted to the Registrar's Office.

### **03. Transfer Student Advising**

Transfer students are assigned to the chair of the department in which they have expressed primary interest, who may continue as academic advisor or appoint a faculty member. A student should meet with this academic advisor at least two times each semester to discuss progress, review degree plans, explore graduate school and professional opportunities and select courses for the following semester.

### **04. Changing a Major**

Students may change their major at any time in consultation with the current advisor and the chair of the newly selected department. Before changing majors, students should consult the Academic Advising Center to review degree plans to assess any additional degree requirements, time and cost associated with a change in major.

### **05. Adult Students**

First-time and returning adult students receive special assistance through the Office of Admissions, the Director of Academic Advising and special orientation programs. Adult students are assigned to the chair of the department in which they have expressed primary interest. A student should meet with the academic advisor at least two times each semester to discuss progress, review degree plans, explore graduate school and professional opportunities, and select courses for the following semester.

### **06. Degree Plans and Application to Graduate**

Students who have accrued 60 credit hours toward a bachelor's degree at the University of St. Thomas must have a proposed degree plan on file in the department of their major or with their academic advisor. The degree plan must include core curriculum requirements as well as all requirements related to completion of the student's academic program or major field of study. A Final Degree Plan is a required part of the student's application to graduate, and no student will be allowed to graduate without having such a plan approved by the Degree Auditor.

### **07. Student Responsibilities**

Students are responsible for keeping their own records and for knowing the University's policies and regulations, those of a general nature as well as those pertaining to their particular program of studies. The ultimate responsibility for the student's academic program and orderly progress through the University curriculum rests with the student. If anyone advises a student contrary to the University's stated policies and regulations, the student should consult the dean of the school involved or the Registrar.

## **Classification - Undergraduate (A.02.03)**

### **Scope**

All Undergraduate Students.

### **Purpose**

To define the number of hours required to be classified a freshman, sophomore, junior or senior

## Definitions

### A. Course Numbers:

Courses are identified by subjects and four-digit numbers. The first digit indicates the level of a course. A "1" indicates first-year or entry level, while "3" and "4" indicate upper-division and typically presume prior completion of courses beginning with "1" or "2." The second digit indicates the number of credit hours earned for successful completion of the course. The final two digits indicate the departmental sequence. Thus, Chemistry 1341 is a first-year chemistry course carrying 3 credit hours, and Chemistry 1141 is a first-year course carrying 1 credit hour. These two courses are lecture and lab for first-year General Chemistry and together total 4 credit hours.

### B. Credit Hours

The unit of measurement for academic work is the credit hour, representing fifty minutes of class lecture or contact time per week for one semester. Two to four laboratory clock hours are usually required for earning 1 credit hour in a laboratory course.

## Policy/Procedure

### 01. Classification

A student's classification is based on the total number of credit hours successfully completed: freshman, 0 through 29 hours; sophomore, 30 through 59 hours; junior, 60 through 89 hours; senior, 90 hours and above.

**APPROVED: Board of Directors**

**Date of Original Formation: 9/1/2010**

**Revision Number:**

**Revision Date:**

**Effective Date:**

## Grading Policy (A.02.04)

### Scope

All Students

### Purpose

To describe grades and grade point values.

## Definitions

### A. Course Numbers

Courses are identified by subjects and four-digit numbers. The first digit indicates the level of a course. A "1" indicates first-year or entry level, while "3" and "4" indicate upper-division and typically presume prior completion of courses beginning with "1" or "2." The second digit indicates the number of credit hours earned for successful completion of the course. The final two digits indicate the departmental sequence. Thus, Chemistry 1341 is a first-year chemistry course carrying 3 credit hours, and Chemistry 1141 is a first-year course carrying 1 credit hour. These two courses are lecture and lab for first-year General Chemistry and together total 4 credit hours. If a course ends with a character of 'X', this denotes that the course uses a non-degree grading basis (does not factor into the GPA). If a course ends with a character of 'V', the credit hours of the course are variable. For variable-credit classes, the 2nd digit will be a zero.



## B. Credit Hours

The unit of measurement for academic work is the credit hour, representing fifty minutes of class lecture or contact time per week for one semester. Two to four laboratory clock hours are usually required for earning 1 credit hour in a laboratory course.

## Policy/Procedure

### 1. Grading and Point Equivalents

A = 4.00 grade points per credit hour

A- = 3.70 grade points per credit hour

B+ = 3.30 grade points per credit hour

B = 3.00 grade points per credit hour

B- = 2.70 grade points per credit hour

C+ = 2.30 grade points per credit hour

C = 2.00 grade points per credit hour

C- = 1.70 grade points per credit hour

D+ = 1.30 grade points per credit hour

D = 1.00 grade points per credit hour

F = 0.00 grade points per credit hour

P = Credit earned without impact on the student's GPA. See the policy on Pass/Fail Option.

I = Incomplete. At the discretion of the faculty member, a grade of "I" may be assigned to a student who has successfully completed [i.e., with at least a passing grade] a majority of the work of the class and who has an unavoidable and compelling reason why the remainder of the work cannot be completed on schedule. Incomplete grade requests can only be submitted after the end of the formal withdrawal ("W") period. Upon the completion of the work within the next regular semester at the time prescribed by the faculty member, the faculty member will award the student a letter grade, including the possibility of an "F." An "I" grade that is not replaced by a letter grade or an "IE" grade by the end of the grade deadline in the subsequent regular semester will automatically become a grade of "F."

IE = Incomplete Extended. At the discretion of the faculty member, a grade of "IE" may be assigned to a student for one semester if the situation warrants. The "IE" grade that is not replaced by the end of the grade deadline of the semester in which it expires will automatically become a grade of "F."

DS = Passing, Stopped Attending. Same grade point calculation as "D." Denotes that the student stopped attending but did not officially withdraw. This is an internal classification for tracking purposes and will appear on the transcript as an "D".

FN = Failure, Never Attended. Same grade point calculation as "F." Denotes that student never attended but did not officially withdraw. This is an internal classification for tracking purposes, and the official grade will appear as an "F" on the transcript.

FS = Failure, Stopped Attending. Same grade point calculation as "F." Denotes that student never attended but did not officially withdraw. This is an internal classification for tracking purposes and will appear on the transcript as an "F".

S = Satisfactory progress. This grade is reserved for a course that typically goes beyond one semester. A final grade is posted upon completion of the work.

W = Withdrawal or drop from a course without jeopardy or effect on GPA, in the period beginning with the 13th day of classes and ending with the last day of the 11th week of a regular semester, or as specified on the Academic Calendar for courses in other sessions. Failure to withdraw officially from any or all courses within the specified period to withdraw with a "W" can result in a grade of "F."

WF = Withdrawal or drop from a course after the end of official withdrawal period, ending on the last day of classes for the term. Equivalent to "F" grade, earning 0.00 grade points per credit hour and impacting term and cumulative GPA.

AUD = Audit only; no credits earned.

NGS = No grade submitted. This is a temporary notation used when a faculty member has not submitted a grade by a prescribed deadline. The course grade is pending. The faculty member will report the actual course grade by means of their myStThom account or the official Grade Change Form. NGS has no negative impact on a student's term or cumulative GPA.

The description and interpretation of the letter grades is as follows:

A, A- = Excellent (unusual and superior achievement)

B+, B, B- = Good (above average, articulate achievement)

C+, C = Satisfactory (average work)

C-, D+, D, DS = Passing (below standard)

F, FN, FS = Failing

The GPA is calculated by adding the total number of grade points earned and then dividing by the total number of hours attempted at the University.

To achieve the minimum GPA required for a degree, the student must have obtained at least twice as many grade points as hours attempted at the University of St. Thomas. Courses taken outside the University of St. Thomas are not calculated in determining grade point averages.

## 2. Final Semester Grades

Semester grades and cumulative statistics are available at the end of each semester on myStThom. Faculty members are not authorized to post final grades or release them to students by any other means. Students should review their grades carefully. A course grade may not be changed after one year following completion of the course.

**APPROVED: Board of Directors**

**Date of Original Formation: 9/1/2010**

**Revision Number: 2**

**Revision Date: 04-19-2023**

**Effective Date: 12/07/2023**

## Absences and Withdrawals (A.02.05)

### Scope

All Students

### Purpose

To explain the policy regarding absences from class and University withdrawal.

### Policy/Procedure

#### 01. Withdrawals due to Absence from Class

Frequent unexplained absences may result in a student being administratively withdrawn from the course or in a grade reduction or failing grade, at the discretion of the faculty member, in accordance with the faculty member's attendance policy included on the course syllabus. Please note, however, that non-attendance does not automatically withdraw a student from a course or from the University. Students should follow the formal add/drop and withdrawal procedures of the University for any courses which they do not wish to attend.

#### 02. Withdrawal from the University

A student seeking a withdrawal needs to complete the appropriate withdrawal/discontinuation form from the Registrar's Office. Financial aid recipients must also notify the Office of Scholarships and Financial Aid. Students receiving veteran's benefits must notify the Veterans Services Representative. Students are strongly encouraged to consult with their advisors prior to any type of withdrawal. A student who has withdrawn from the University must contact the Admissions Office regarding readmission.

#### 03. Medical Withdrawals

Students wishing to secure a medical withdrawal must submit an official doctor's note on letterhead indicating the diagnosis, length of time they were under the doctor's care, and the doctor's recommendation along with the Medical Withdrawal Request form located on the Registrar's webpage. All documentation must be submitted to the Registrar no later than the last day of classes for the applicable term.

Refunds will be considered on an individual basis for students who stopped attending classes before October 1 for the fall semester and March 1 for the spring semester. Because the summer term has multiple sessions

with different start/end dates, refunds for classes taken in those sessions will be at the discretion of the Registrar. Medical withdrawals may be made after these deadlines with a resulting grade of "W," but no refunds will be granted.

The Office of Scholarships and Financial Aid will follow federal guidelines in determining refund procedures for all federal programs. Institutional and State Aid that was applied to any tuition charge will be reviewed on a case-by-case basis and will be subject to reduction and/or cancellation prior to any tuition refund being issued.

If a medical withdrawal is approved, any course(s) in the term where a final grade has not been earned and officially recorded as of the approval date will be marked with a "W" grade. No partial withdrawal will be allowed. Students who have secured a medical withdrawal may not return to the University without their doctor's written approval.

**APPROVED: Board of Directors**

**Date of Original Formation: 9/1/2010**

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## Academic Integrity (A.02.11)

### Scope

All Students.

### Purpose

To describe academic dishonesty and its consequences.

### Policy/Procedure

The University of St. Thomas strives to provide a learning environment that is rooted in academic and ethical behavior and embraces the Basilian Fathers' core values of goodness, discipline and knowledge. Students are therefore expected to act with honesty and integrity in their pursuit of academic excellence. Every offense against academic honesty seriously undermines the teaching-learning process for which the University exists, and such offenses will be dealt with seriously.

### Definition

Academic dishonesty includes but is not limited to:

1. Cheating on an assignment, examination or test; for example, by copying from another's work or using unauthorized materials before or during the test, including the use of electronic devices;
2. Plagiarism, which represents as one's own the work of another, whether published or not, without acknowledging the precise source;
3. Participation in the academic dishonesty of another student, even though one's own work is not directly affected;
4. Any conduct which would be recognized as dishonest in an academic setting.

### Charge of Academic Dishonesty

Faculty and/or exam administrators who consider that they have a valid case of academic dishonesty against a student must inform the student of the charge and the resulting penalty which is at the discretion of the

faculty member. The faculty member will submit the charge, penalty and supporting documentation to the Dean of Students and the Registrar using the Academic Dishonesty form on the portal after the act has been discovered and investigated but no later than the date when course grades are due for the semester or academic session. Record of the offence will be kept by the Registrar's office as an official academic record. Each case will be treated as a matter of deferred adjudication; if and when the student graduates, the record will be expunged. A student wishing to appeal the academic dishonesty charge must write a letter of appeal within seven days of receiving the Report of Academic Dishonesty. The Registrar will forward the appeal and all supporting documents pertaining to the case to the Academic Committee.

## Second Case Offenses

When a second charge of academic dishonesty has been upheld against a student, the student shall be dismissed from the University. The transcript will note "Dismissed for Academic Dishonesty," along with the date. Readmission to the University may be considered under extraordinary circumstances through a written appeal to the office of the Provost.

### **APPROVED:**

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## Incomplete Grade (A.02.13)

### Scope

All Undergraduate and Graduate Students

### Purpose

To outline the policy for incomplete grades.

### Definition

A grade of Incomplete ("I") may be given at the discretion of the instructor to students who are making satisfactory progress in a course but will not be able to complete course requirements by the end of the term. Incompletes are typically given for emergency situations which prevent the student from completing course requirements.

### Procedure

#### 01. When assigning an "I" grade and Contract

Instructors must provide students with an Incomplete Grade Contract that outlines the work to be accomplished before the "I" can be converted to a final grade and specifies a deadline date; the contract constitutes an agreement between instructors and students. A copy of the contract should be submitted by the instructor to the Registrar's Office by the grading deadline of the semester. The Registrar will verify the "I" grades that have been posted on the student's record and verify that the incomplete contract has been received by the instructor.

#### 02. Time Limit of "I" Grade

A grade of "I" must be resolved by the student within the time limit outlined in the Incomplete Grade Contract. If additional time is warranted, the "I" may be extended for one regular (fall/spring) semester by changing the

"I" grade to an Incomplete Extended ("IE"). The instructor must request the extension by submitting a completed grade change form to the Registrar's Office no later than the end grade deadline of the semester in which the "I" grade expires. The "I" and "IE" grades that have not been changed to letter grades by the end of the grade deadline of the next semester (fall/spring) will automatically become a grade of "F" or the grade specified in the incomplete contract. If an "IE" needs to be extended, a grade change form must be completed by the instructor and signed by the instructor and Dean.

### 03. Re-Registration

Students should not re-register for courses in which they have received grades of Incomplete.

### 04. Academic Standing

"I" and "IE" grades are not calculated in the GPA and do not affect a student's academic standing. An "I" or "IE" that is changed to a letter grade or automatically converted to an "F" will affect a student's academic standing at the end of the semester in which the grade change is completed.

### 05. Incomplete Grade Reminders to Faculty

The Registrar's Office will send an email to faculty and students to remind them of outstanding "I" grades. The faculty will contact students to remind them of the contract that was signed and when the student should submit the required assignment(s).

#### **APPROVED: Board of Directors**

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## Family Educational Rights and Privacy Act of 1974 (FERPA) (A.03.02)

### Scope

All Students (undergraduate, graduate, off-campus and distance learners).

### Purpose

To describe FERPA responsibilities and requirements.

### Policy/Procedure

Under the [Family Educational Rights and Privacy Act of 1974](#), the University is free to release information about students categorized as "directory-type information." Students have the right to restrict the disclosure of this information by completing and submitting a Request to Prevent Disclosure of Directory Information form to the Registrar's Office. Once this request has been submitted to the Registrar's office, the restriction to disclose directory information will remain in effect until the student submits a request to the Registrar's office to revoke the original request. Copies of the policies and procedures governed by this Act are also available for review in the Registrar's Office.

The following is a brief summary of the policy that relates directly to student records held by individual faculty members:

1. All students and former students of the University have access to their own individual records for the purpose of inspection and review, with certain specified exceptions. The exceptions pertaining to records in the possession of faculty are the following: personal and educational notes and records in the sole possession of the faculty author and not revealed to any person other than a substitute agent of the faculty member (for example, notes of conferences with students kept by faculty members for their own use); records authorized by the student to be written confidentially (for example, letters of recommendations; see item 5. below).
2. In general, a student's grades or other records may not be released to a third party without the student's specific written authorization. Exceptions to this rule include officials, faculty and staff employed by the University who have a "legitimate educational interest," parents or guardians who certify that a student is carried as a dependent for federal income tax purposes, and other appropriate persons if their knowledge of such information is necessary to protect the health and safety of the student or other persons.
3. Students may not remove items from their records, nor may they obtain copies of records that can be obtained from the original source of the record.
4. Students may challenge the release of any information directly relating to them. The challenge is restricted to inaccurate, misleading or otherwise inappropriate records and information. Regulations specify an initial informal hearing and, if requested by a participant, a subsequent formal hearing to determine the accuracy and pertinence of the challenged information.
5. All recommendations placed in educational records after January 1, 1975, are available to the student except in cases in which the student waives, in writing, the privilege of examination.

**APPROVED: Dr. Robert Ivany**

**Date of Original Formation: 9/1/2010**

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## Academic Regulations for Veterans and Dependents (A.05.01)

### Scope

All Students Receiving VA Educational Benefits

### Purpose

To outline academic regulations for veterans or their dependents.

### Policy/Procedure

Academic regulations for veterans and dependents of veterans are administered by the University Office of Veterans Affairs under the supervision of the Registrar. Eligible veterans and dependents receive monthly payments for their entitlement based on the course work for which they enroll. In compliance with U.S. Veterans Administration regulations, students who receive educational benefits from the VA must meet and maintain certain standards. Students must select courses with care, making certain that each course meets VA requirements. For this reason, students receiving VA educational benefits are required to consult with their academic advisors and submit a copy of a signed degree plan to the VA Certifying Official in the Registrar's Office. Students must notify the VA Certifying Official of their continued enrollment every semester, and also of any changes in their registration during the semester. The following are the requirements that must be met in order to receive VA monthly payments:

1. A student receiving VA educational benefits must pursue a program of single objective only. Double and joint majors or programs are not allowed unless approved by the VA.
2. No course may be taken as a remedial, deficiency or refresher course without proper documentation.
3. Each course must fulfill a requirement for graduation in the degree program;
4. No course may be taken as an "audit" course.
5. No course may be a repeat of a course for which credit has already been received;
6. Each course must be completed and assigned a grade that will be used to compute GPA and count toward the degree. Withdrawal from courses without mitigating circumstances and with the result of no credit or grade being awarded will cause benefits to be terminated retroactively from the beginning date of the semester, creating an over-award and the possible obligation to repay the Veterans Administration.

All students receiving VA educational benefits must maintain "satisfactory progress" by achieving the required minimum cumulative GPA, based on the total hours attempted.

To ensure satisfactory progress, transcripts of those students receiving VA benefits will be monitored at the end of each semester. Should the student complete a semester with a GPA below the required minimum, a warning notice will be given to the student advising that satisfactory progress is not being maintained and that he/she will be placed on academic probation for one semester. A student who incurs academic probation for two consecutive semesters or who incurs academic suspension for any semester shall be reported to the VA regional office as making unsatisfactory progress. VA benefit payments will be terminated due to unsatisfactory progress. A student whose benefits are terminated because of unsatisfactory progress, and who is permitted to re-enroll in the University, must apply to the Veterans Administration to request reinstatement of educational benefits.

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**Revision Date:**

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## Study Abroad Programs

University of St. Thomas's study abroad programs extend learning beyond the classroom and country borders. As they journey through the world, the program participants discover diverse cultures, create lasting friendships, gain a global perspective and discover their purpose. We offer programs at various destinations and for all undergraduate majors. There are two types of programs as detailed below. For more information, please refer to [www.stthom.edu/studyabroad](http://www.stthom.edu/studyabroad) or contact [studyabroad@stthom.edu](mailto:studyabroad@stthom.edu).

## Individual Exchange Programs

UST's Individual exchange programs allow undergraduate students to study for one semester or for an academic year at one of UST's partner universities abroad. We have partnerships with universities around the world and the current list can be found at [www.stthom.edu/studyabroad](http://www.stthom.edu/studyabroad). Although some local language proficiency is encouraged, it's not required at most of our partner universities as they offer courses in English. Courses taken at partner universities are considered in residence at UST and the grades are posted to equivalent UST courses. Students continue to pay UST tuition and fees during the exchange programs and the programs don't impact their existing financial aid. At least one year of study at UST, good academic standing and good disciplinary standing is required to apply. Participating students are responsible to consult with their financial aid advisor to plan financially for their study abroad programs. A study abroad advisor will advise students on additional study abroad scholarship opportunities. While opportunities for graduate students are limited, some may be eligible for some exchange programs.

## Faculty-Led Group Programs

The University of St. Thomas offers numerous opportunities each year for students to study abroad with their fellow UST students as part of a course. Some faculty-led programs offer graduate courses. These programs are led by UST faculty members, usually last 1-3 weeks, and occur during the winter break, spring break, or the summer. They consist of on-campus course requirements prior to departure as well as lectures and excursions abroad. The faculty-led study abroad course offerings and their locations vary from year to year. Students are responsible for the course tuition that is typically included in the flat rate tuition for fall and spring semesters and the determined trip cost for each program. Eligibility include good disciplinary standing and any applicable course pre-requisites. Visit [www.stthom.edu/studyabroad](http://www.stthom.edu/studyabroad) to view the current list or contact [studyabroad@stthom.edu](mailto:studyabroad@stthom.edu).

## Certification, Certificate, Continuing Education Units, and Workshops and Speakers

### Definitions

#### Certification

A certification is a credential offered by an external body to the University to our students or other constituents (it can be offered formally or informally through the University, yet it belongs to an external body): For example, Cisco certification would be offered through Cisco to our students or to others; the certification will come from Cisco, and Cisco will house the record of the earned credential.

#### Certificate

A certificate is a focused, structured, and interrelated set of courses that enhances the undergraduate/graduate experience in an emerging academic area, addresses a professional development need, or provides preparation for a degree program. A certificate is an internally generated credential from a department or school within the University of St. Thomas, is credit bearing, and resides on the academic transcript.

#### Continuing Education Unit

A Continuing Education Unit (CEU) is a unit of instruction defined as “contact hours of participation in an organized continuing experience under responsible sponsorship, capable direction, and qualified instruction” (IACET 2017). Continuing education units are maintained through the Registrar’s Office and are recorded on a co-curricular or CEU-specific transcript separate from the academic transcript. The university follows AACRAO guidelines for the transcription of continuing education credit.

#### Workshops and Speakers

A workshop is a meeting in which a university department, school, or recognized UST club or organization offers material through speakers, activities, and discussion to achieve knowledge or skills in a particular subject or project. Speakers are those who present at a workshop or lecture hosted by a department, school, or recognized UST club or organization.

### Guidelines for Certificates

1. Certificate students are not eligible for participation in the Commencement ceremony or similar graduation ceremonies.
2. All certificate program applicants must follow the standard admissions requirements for the school and career to which they are being admitted to enroll in the certificate program.



3. There is no minimum or maximum credit hours applied to a certificate program. This decision in the case of each certificate is decided by the parenting program for the certificate but must be reviewed and approved by the Chair and Dean responsible for the program. In other words, the total number of credit hours is decided by the school responsible for the certificate program.
4. Transfer credit hours may apply to a certificate program. The percentage of credit hours applied may be the decision of the school responsible for the program but must be approved by the Dean of the School and reviewed by the VPAA, both who hold veto authority.
5. A certificate is a stand-alone credential. For clarification, concentrations and tracks are areas of specialty that reside within a degree program. A concentration is 12 credit hours for undergraduate work and nine credit hours for graduate work, while a track is nine credit hours for undergraduate work.
6. Courses taken as pass/fail in a certificate program cannot be used to substitute for similar graded courses in a degree-seeking program.
7. Since certificates are considered a type of degree, any additions/changes/deletions to certificates are approved through the relevant curricular approval body (i.e., Undergraduate Curriculum Committee, Grad Council, Max Guiding Coalition).
8. There are no SACSCOC concerns or considerations.

## Academic Standards

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### Academic Honors (A.02.09)

#### Scope

All Undergraduate Students.

#### Purpose

To outline policies pertaining to academic honors.

#### Policy/Procedure

Students qualify for graduation honors based on their overall undergraduate cumulative grade-point average (GPA) in the semester their degree is conferred. The GPA used to determine honors is based on undergraduate courses completed at the University of St. Thomas. Honors printed for the Commencement ceremony and program will be based on the overall GPA earned in the term prior to the graduation term. Honors for the permanent record and diploma are based on the final grades in the term in which the student graduates. Grade point averages are not rounded up to meet the honors standards noted below.

#### 01. Graduation Honors

Graduation honors are recorded on the student's permanent academic record following graduation processing. Honors will not be changed or updated for courses taken after the degree is conferred. To be eligible for summa cum laude, magna cum laude, or cum laude, a student must have completed at least 60 credit hours at the University of St. Thomas with an appropriate honors average. Levels of honors for all bachelor's degrees awarded by the University are 3.75, summa cum laude; 3.50, magna cum laude; 3.25, cum laude.

#### 02. Academic Distinction

Undergraduate transfer students who have completed 36 through 59 credit hours at the University of St. Thomas with a GPA of 3.30 or above will receive the honor of Academic Distinction.

### 03. Senior Honors Convocation

In the spring semester each year, a Senior Honors Convocation recognizes those graduates who have been elected to Delta Epsilon Sigma or Alpha Sigma Lambda or who are to receive Aquinas Honor Society keys.

### 04. Dean's List

The Dean's List is published for each semester to recognize those students who, with a minimum credit hour load of 12 credit hours and a minimum of 12 credit hours earned, have achieved a GPA of at least 3.30. Part-time students are evaluated on an annual basis (January – December) for inclusion on the Dean's List. They must be categorized as "part-time" at the time of each registration, must have accumulated at least 12 credit hours during this annual period, and must have a current term GPA of at least 3.30.

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## Good Academic Standing Policy (A.02.10)

### Scope

All Undergraduate Students.

### Purpose

To establish a standard of Good Academic Standing for undergraduate students.

### Policy

A student is in Good Academic Standing as long as he/she maintains a minimum GPA, as specified below. To remain in Good Academic Standing and avoid Academic Probation, a student must have the following minimum cumulative grade point average on course work completed at the University of St. Thomas relative to the number of completed regular fall/spring semesters. Students placed on Academic Probation will not be in Good Academic Standing. A cumulative grade point average of 2.0 is the minimum standard for graduation.

#### **Completed Regular Fall/Spring Semesters UST Grade Point Average**

Semester 1	1.70
Semester 2	1.80
Semester 3	1.90
Semester 4 +	2.00

Note: All coursework completed at UST outside of the regular fall/spring terms, will be counted toward cumulative grade point average and will effect Good Academic Standing.

### Academic Probation and Dismissal

Academic Probation is intended to warn students that they have dropped below the level of performance necessary for Good Academic Standing (listed above). Students shall be placed on Academic Probation if their cumulative GPA does not meet the required minimum relative to the number of regular fall/spring semesters completed at UST. Academic Probation will remain until the student meets the required cumulative GPA. Once the cumulative GPA meets or exceeds the minimum GPA requirement, the student will be removed from Academic Probation and be in Good Academic Standing.

Only course work taken at UST will be applied toward the grade point average. Academic Probation will be posted to the fall/spring semester in which the cumulative GPA falls below the level of Good Academic Standing. The cumulative GPA will be recalculated at the start of each semester (fall, spring and summer), and all coursework completed at UST between the fall and spring semesters will be used toward the GPA recalculation. Academic Probation will be noted permanently on the student's academic record. Students on Academic Probation may be required to carry a restricted course load and/or repeat courses as well as perform other activities prescribed by the Registrar or designee. Students unwilling to accept the conditions of their probation will be dismissed.

Academic Dismissal is incurred when a student's cumulative GPA drops below the level of performance necessary for Good Academic Standing (listed above) and his/her semester GPA continues to post below the requirement for Good Academic Standing. During the academic dismissal, students may not enroll, audit or visit classes at UST. Academic dismissal will be noted permanently on students' academic records.

Students may also be dismissed if they are on probation and are unwilling to accept the conditions of their probation or do not conscientiously fulfill the conditions of their probation. On these matters, the student's academic advisor or dean of students will make the recommendations to the Registrar.

Other reasons may justify dismissal, including academic dishonesty and violating certain norms of conduct expected of students as outlined in the Code of Student Conduct.

A student who has been dismissed for academic reasons may apply for readmission to the University after one year. The University's Admissions Committee reviews readmission applications and sets the conditions for readmission. These may involve the student taking only prescribed courses or a limited course load. In all cases, the student will be readmitted on a conditional basis. The student's academic advisor will monitor the student's progress in meeting the conditions of readmission set by the Admissions Committee.

### **Academic Fresh Start**

Students who have not completed coursework at UST for ten or more years are eligible for the academic "fresh start" program. Essentially, if a student elects this option and is re-admitted to UST under current application requirements, all courses taken ten or more years ago will be counted toward degree completion; however, they will not be counted in the new GPA calculations. Students utilizing the Academic Fresh Start program are required to complete a minimum of 36 hours counted toward their GPA, in order to graduate from the University of St. Thomas. With this option, a student who left the University on probation could return ten years later with good academic standing.

The provisions of the "fresh start" program cannot be reversed once initiated, and it may only be invoked once.

In order to be considered for the "fresh start" program, students must select the "fresh start" option on the application and submit all official transcripts from all colleges and universities attended.

Note: Academic Fresh Start clears only a student's academic record. When deciding eligibility for financial aid, the University must count all prior credits earned. In addition, the Department of Veterans Affairs does not recognize the Academic Fresh Start program. Students cannot be certified for courses they have successfully completed.

**APPROVED: Dr. Richard Ludwick**

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**Effective Date: 8/1/2019**

## Records and Transcripts (A.03.01 NGP)

### Scope

All Undergraduate Students.

### Purpose

To define policy pertaining to academic records and transcripts.

### Policy/Procedure

Students admitted to the University with incomplete academic files must complete their files before October 15th for the fall semester and March 15th for the spring semester. Those who fail to comply with this requirement will be denied registration for subsequent semesters until the files are complete.

### Records

The Registrar of the University is responsible for maintaining official student educational records.

### Changes to Academic Records

A student who questions an enrollment record (including a grade) as recorded in the Office of the Registrar has a period of one year from the date in which the course was completed to challenge its accuracy. At the end of one year the permanent record will become the absolute record, and changes may not be made.

### Student Access to Records

Students wishing to review their educational records must make written request to the Registrar via the FERPA – Request to Inspect and Review Education Records form found on the myStThom student portal (UST Resources > Student Documents > Forms > Registrar), listing the items they wish to review. Only records covered by the Family Educational Rights and Privacy Act of 1974 will be made available. The Registrar will respond within 45 working days of receiving the written request.

### Transcripts

Requests for official transcripts must be made online through our third party vendor, Parchment. Official transcripts are not released without the student's consent. The processing of a transcript request normally takes two working days and is generated at a cost of \$11.25 for each official transcript, to be paid at the time of the request. No transcript will be released if a University hold that prevents its release exists on the student's record. To be official, paper transcripts must bear the signature of the Registrar and be printed on official transcript paper, and the envelope seal must not be broken. Digital transcripts will be digitally certified by and sent through Parchment. Only official transcripts are sent outside the University.

**APPROVED: Dr. Richard L. Ludwick**

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## Degree Requirements (A.04.01)

### Scope

All Undergraduate Students.

## Purpose

The University of St. Thomas awards the following bachelor's degrees:

- Bachelor of Arts (BA)
- Bachelor of Business Administration (BBA)
- Bachelor of Fine Arts (BFA)
- Bachelor of Pastoral Theology (BTh)
- Bachelor of Science (BS)

The purpose of this policy is to outline the requirements for these degrees.

## Policy/Procedure

### 01. Core Curriculum

"In promoting this integration of knowledge, a specific part of a Catholic University's task is to promote dialogue between faith and reason, so that it can be seen more profoundly how faith and reason bear witness to the unity of all truth ...a vital interaction of two distinct levels of coming to know the one truth leads to a greater love for truth itself, and contributes to a more comprehensive understanding of the meaning of human life and of the purpose of God's creation."

*-Ex Corde Ecclesiae, 17*

The founders of the University of St. Thomas stated clearly that their objective was to fashion an institution that would prepare men and women for life. Neither they nor their successors excluded professional training and education from the curriculum. They admitted, however, in the first University catalog, that their educational ideal was "primarily cultural." They sought "the education of the whole man and his preparation for life on all human levels as opposed to a restricted professional formation."

All students at the University of St. Thomas study literature, history, mathematics, natural science, a foreign language, social science, communication skills (speaking, writing) and fine arts. Liberal education should include at least some appreciation of these areas of study. Unlike those attending many similar institutions, our students, regardless of their religion (and all are welcome), must also engage in extensive study of both theology and philosophy. The first University catalog stated that "the University of St. Thomas gives the place of honor to theology as queen of the sciences." In so doing, the University is reaffirming the traditional practice of the Church in her university program, since Pope Gregory IX issued the charter of the University of Paris in 1232, the first in the Christian West. According to that tradition, "religious truth is not merely a portion of general knowledge, but its very condition." Philosophy was, and is, viewed as complementing theology by responding to the deepest questions posed by our minds as we seek to understand our relation to God, nature, time and culture.

The breadth provided by the core curriculum better prepares our students for their chosen major programs and their professions. The earliest University catalogs, including the first one, for the 1947 inaugural year, cited a passage from the writings of Cardinal John Henry Newman (1801-1890) to explain the objectives of the University of St. Thomas:

Here, then, I conceive, is the object of the Holy See and the Catholic Church in setting up universities; it is to reunite things which were in the beginning joined together by God, and have been put asunder by man. It will not satisfy me, what satisfies so many, to have two independent systems, intellectual and religious, going at once side by side, by a sort of division of labor, and only accidentally brought together. It will not satisfy me, if religion is here and science there, and young men converse with science all day long and lodge with religion in

the evening. I wish the intellect to range with the utmost freedom, and religion to enjoy an equal freedom, but what I am stipulating is, that they should be found in one and the same place, and exemplified in the same persons.

– *Sermon I, Sermons on Various Occasions*

The core curriculum is the foundation of the University's liberal education, in its extent and interconnections a program of studies that forms and informs minds, attempting to liberate them from ignorance of essential truths about human existence, accomplishments, and dignity. Shared by all students, this curriculum is the principal means by which the University imparts its core values and carries out its combined moral, intellectual, and religious mission.

### **Core Curriculum Goals (Approved 2004)**

1. To promote the pursuit of knowledge both for its own sake and to form habits of mind through which knowledge can mature into wisdom and understanding can stimulate the contemplation of truth, goodness, and beauty.
2. To educate the whole person – academically, socially, and spiritually – in order to prepare students for meaningful lives and inspire them to continuous learning that confronts essential and enduring questions about the meaning and conduct of human life.
3. To encourage an ongoing dialogue between faith and reason and the encounter between culture and the Gospel as ways of integrating knowledge, achieving an organic vision of reality, and deepening an understanding of God and His revelation in the person of Jesus Christ as mediated through Scripture and the Church.
4. To affirm the dignity of the human person as the source of social justice, respect for human rights, and regard for the proper interests of communities.
5. To develop competence in critical thinking, critical reading, effective writing, and oral communication in necessary relation to the skills of gathering, interpreting, synthesizing, and presenting information with integrity and clarity.
6. To understand the bearing of the past on the present and the future and to appreciate the historical character of human inquiry in exploring the principal philosophical, religious, political, literary, and aesthetic traditions of Western and world culture.
7. To cultivate a critical appreciation of art and literature that arouses wonder and forms the imagination in its engagement with the enduring cultural and spiritual values inherent in great works of human creativity.
8. To develop aptitude in quantitative reasoning together with knowledge of the methodology of the natural and social sciences in order to foster appreciation of scientific thinking for understanding nature and human behavior.
9. To inculcate ethical thinking in judging conduct and reflecting on the moral implications of developments in science, technology, business, and society in order to promote making decisions on the basis of transcendent moral values.
10. To nurture the study and appreciation of other languages and cultures as a means of promoting charity, understanding, and respect for the diversity of cultural forms, religious beliefs, and social practices; and, in all, to help prepare students for a life of service in a culturally diverse and changing world. (Approved 2004)

### **Core Components**

#### **1. Theology and Philosophy**

24 credit hours combined total as follows:

1. 9 credit hours of theology: THEO 1300, then THEO 2300, and then any upper-division THEO course.

2. 9 credit hours of philosophy: three consecutive courses in either the historical or the systematic sequence; and
3. 6 credit hours of approved courses in theology and/or philosophy.

### Core Theology requirements

All students (except transfers with 60+ credit hours: see below) complete 3 courses (9 credit hours) in theology. The additional 6 credit hour requirement in theology/ philosophy may be completed by taking both courses in theology, philosophy or by completing one course in each discipline for a total of 24 credit hours. These courses must be taken in the order shown.

The first three 3 theology courses are:

1. THEO 1300/3300 Teachings of the Catholic Church
2. THEO 2300/3310 Introduction to the Sacred Scriptures
3. THEO Any 3000/4000-level THEO course

Students who transfer 60 or more credit hours may satisfy the theology core requirement by completing THEO 3300 (See 1300 / 3300 under Course Offerings below.) and THEO 3310.

### Core Philosophy requirements

Students choose either the systematic sequence or the historical sequence as the first three philosophy courses required for the core curriculum, but they must complete one entire three-course sequence. These courses must be taken in the order shown.

#### Systematic Sequence

1. PHIL 1311 Philosophy of the Human Person
2. PHIL 2314 Ethics
3. PHIL 3313 Metaphysics

#### Historical Sequence

1. PHIL 1315 (3315) Ancient Philosophy
2. PHIL 2316 (3316) Medieval Philosophy
3. PHIL 3317 Modern Philosophy

Students taking the four- or five-course requirement must complete either of the three-course sequences and any other one or two courses. PHIL 1311 and 1315 may not both be taken, nor both PHIL 1315 and 3315. Students who enroll with 60+ hours of transfer credit and who intend to take only the two-course requirement should take PHIL 3315 and PHIL 3316 to ensure earning sufficient upper-division credit for graduation.

The 9 credit hour core requirement in philosophy cannot be completed with courses from both sequences, nor may both first-year philosophy courses be applied to the combined core requirement in theology and philosophy.

Courses beyond the initial 9 credit hours may be taken in either sequence with the exception just noted. Freshmen are required to complete 6 credit hours of theology and/or philosophy in their first 30 hours of enrollment.

Students who transfer with 1-29 credit hours are required to complete the 24-hour requirement as outlined above.

*Students who transfer with 30-59 credit hours are required to complete 9 credit hours in both theology and philosophy, as follows: THEO 1300, THEO 2300 and one additional upper-division THEO course. One three-course sequence in philosophy.*

*Students who transfer with 60+ credit hours are required to complete 6 credit hours in both theology and philosophy. Following are the recommended courses for students who need upper-division credit to fulfill the graduation requirement of 36 credit hours of 3000-4000 level courses: THEO 3300, THEO 3310, PHIL 3315, PHIL 3316.*

**All students are required to complete a minimum of 6 credit hours in both theology and philosophy at the University of St. Thomas.**

## **2. English**

12 credit hours completed in the order shown below. Freshmen are required to complete 6 credit hours of English in their first 30 hours of enrollment.

Freshmen and transfer students with no English credits:

1. ENGL 1341 The Classical Tradition: Literature and Composition I
2. ENGL 1342 The Middle Ages and Renaissance: Literature and Composition II
3. ENGL 2312 The Modern World: Literature and Composition III
4. ENGL Any 3000/4000-level English course except 3341 or 4399

Students transferring in 3 credit hours of English credit must take:

1. ENGL 1341 The Classical Tradition: Literature and Composition I
2. ENGL 1342 The Middle Ages and Renaissance: Literature and Composition II
3. ENGL 2312 The Modern World: Literature and Composition III

Students transferring in 6 credit hours of English credit must take:

1. ENGL 3312 Perspectives in World Literature &
2. ENGL Any other 3000/4000 level English course except 3341 or 4399

Students transferring in 9 credit hours of English credit must take:

1. ENGL 3312 Perspectives in World Literature.

## **3. Foreign Language**

Six credit hours, that is, two courses completed in the approved order. Languages offered are Arabic, Chinese Mandarin, French, German, (Classical) Greek, Irish, Italian, Japanese, Latin, and Spanish.

## **4. History**

Six credit hours of history from the following selections:

Freshmen and sophomores:

1. HIST 1335 - World Community I and
2. HIST 1336 - World Community II

OR

1. HIST 2333 - United States to 1877 and
2. HIST 2334 - United States since 1877



Students transferring 60 or more credit hours may take:

1. HIST 3303 - Europe: The Middle Ages and
2. HIST 3304 - Europe: The Early Modern Age

OR

1. HIST 3331 - Age of Revolutions: Europe 1715-1870 and
2. HIST 3332 - Era of Great Wars: Europe 1870-1950

The two history core courses do not have to be taken in sequential order.

### **5. Social and Behavioral Sciences**

Six credit hours from among economics, geography, international studies, political science, psychology and sociology.

### **6. Natural Sciences**

Eight credit hours of laboratory sciences (2 four-credit lecture & lab courses, or 2 three-credit lectures with corresponding one-credit-hour labs) from among astronomy, biology, chemistry, environmental science and studies, geology and physics. Students who transfer natural science courses that did not include a laboratory component may fulfill the core requirement in whole (6 credit hours) or in part (3 credit hours). Decisions are made on a case-by-case basis.

### **7. Mathematics**

Three credit hours of college-level mathematics.

### **8. Oral Communication**

Three credit hours.

a. School of Arts and Sciences – one of the following courses:

1. COMM 1331 - Public Speaking
2. COMM 2332 - Persuasion and Argumentation

b. Pastoral Studies majors:

1. YBPH 3200 - Homiletics Practicum

c. Cameron School of Business (Accounting, General Business, Marketing and Finance majors):

1. MGMT 3320 - Business Communications

d. School of Education:

1. MS 3333 - Oral Communication

### **9. Fine Arts**

Three credit hours. Ensemble, studio and applied fine arts courses do not fulfill the core requirement

a. Schools of Arts and Sciences and Business - one of the following courses:

1. ARTHS 1350 - Introduction to the Visual Arts
2. ARTHS 2351 - Survey of Art I

3. ARTHS 2352 - Survey of Art II

Any upper-division Art History course

1. DRAM 1330 - Introduction to the Theatre
2. DRAM 3329 - Screenwriting
3. DRAM 3331 - Playwriting
4. DRAM 3340/3341 Theater History I & II

Approved Special Topics courses in DRAM

1. MUSC 2363 - Basic Musicianship I
2. MUSC 3340 - Music and Western Civilization
3. Any upper-division Music course Arts-related Special Topics (4393) courses with departmental approval.

b. School of Education:

1. MS 3376 - Essentials of Fine Arts

The upper-division courses are appropriate for transfer students who need 3000/4000 level credit hours. See individual department course listings for any enrollment restrictions

## 02. Additional requirements for Bachelor's Degrees

1. Completion of:
  1. a major or approved program in which at least 50 percent of the required upper-division credit hours in the major field are completed at the University of St. Thomas (exceptions: no requirement for General Studies, Liberal Arts or Integrated Humanities majors);
  2. at least 36 credit hours of upper-division credit (3000-4000 course numbers);
  3. at least 120 hours of quality credit (a minimum cumulative GPA of 2.0);
  4. the final 36 credit hours earned in residence at the University.
2. Transfer students entering with 60 credit hours or more must attempt the mathematics requirement within their first year of attendance at the University. All other students, transfer and non-transfer, must attempt the mathematics requirement within their first 60 credit hours (including transfer hours).
3. Students seeking a bachelor's degree will ordinarily follow the degree requirements of the catalog in effect at the time of their first matriculation into the University, or they may follow the requirements of any subsequent catalog in effect during their continued enrollment. To update to a newer catalog, please use the Declaration of Catalog Form found on the myStThom student portal. Students who leave the university for four or more consecutive regular semesters (fall and spring) subsequently reenroll must follow either the degree requirements of the catalog in effect at the time of their reenrollment or the requirements of any subsequent catalog in effect during their continued enrollment. Ordinarily, a student must follow all the requirements of the catalog chosen. Exceptions may arise if the program requirements must be revised to implement new educational standards recommended or required by federal or state agencies, professional societies or the University's faculty.
4. Students must file for graduation the semester prior to graduation via myStThom. The Office of the Registrar will post the dates by which a graduating student should file for graduation.
5. All financial obligations to the University must be satisfied before the University issues a diploma or an official transcript to a student.

### 03. The Major

To receive a bachelor's degree, a student must complete the requirements of at least one major program. A major consists of a defined group of courses, usually within a single discipline, designed to give the student in-depth knowledge of a specific field of study. A major may also consist of a planned group of courses from more than one discipline.

A major requires a minimum of 30 credit hours, at least 15 of which must be upper division. In a single subject area, the major should not exceed 42 semester hours for the BA, 45 semester hours for the BBA, and 48 semester hours for the BS. When major programs require courses from another discipline, however, the combined total number of hours may exceed these limits. A minimum of 50 percent of the required upper-division hours must be completed at the University of St. Thomas (except in the case of the Liberal Arts/General Studies majors, for which there is no minimum requirement).

Students must maintain a minimum cumulative GPA of 2.00 in their major. This requirement applies to both majors in a joint major program. With the approval of the appropriate school dean, individual departments may set higher standards for their majors. Students may not take courses required for their major on a "Pass/Fail" basis.

A student may formally declare a major by completing the *Declaration/Change of Major Form* and filing it with the Registrar. A student must declare a major after completing 59 credit hours. This is usually done during the early academic advising period before classification as a junior occurs, and is a requirement for registration beyond 59 credit hours. Students who have reached 60 hours (junior status) without having declared a major will have a hold placed on their records that will prevent them from registering for classes.

### 04. Multiple Majors

The University offers both double-major and joint-major options. In all cases, students must confer with the appropriate department chairs to develop degree plans ensuring that course and credit-hour requirements are current and documented.

### 05. The Minor

The University encourages students to complete one or more minors; that is, a planned sequence of courses in a discipline other than the student's major. A minor consists of between 15 and 24 credit hours, at least 9 of which must be upper-division credit, and 9 of which must be taken at the University of St. Thomas. Consult the department and program sections of this catalog for requirements for specific minor programs.

Students are responsible for timely consulting of departments offering subjects in which they wish to earn a minor or the director or contact person for a minor program to ensure fulfillment of the requirements. Each minor is noted on the student's transcript.

A minimum cumulative GPA of 2.00 is required for a minor. A student may not take courses required for a minor on a "Pass/Fail" basis.

### 06. Joint Major Programs

A joint major is a two-track program of study. It provides the opportunity for a student to develop a wider range of interest than allowed by a single-discipline major. A joint major is distinguished from a double major. Whereas a double major includes all major requirements of the departments involved, a joint major consolidates the requirements of the cooperating departments.

A joint major program is developed by two cooperating departments and must adhere to the following guidelines:

1. All core requirements of the University must be met.
2. The student must have approval of both cooperating departments and have an advisor from each.
3. Neither department will require as many credit hours in its portion of the joint major as it requires for a regular major.
4. Neither department will reduce the credit hours required within its discipline by more than 6 credit hours.
5. Neither department will reduce its related requisite hours by more than 6 credit hours.
6. If both departments require a capstone experience, the student must complete only one of them.
7. The student must achieve a minimum cumulative GPA of 2.00 in both majors or a higher GPA if a department requires it.

For details, prospective joint majors should consult the catalog entry of the departments in which they have an interest and take care to follow #1 and #2 above.

## 07. Additional Bachelor's degree

A student with a bachelor's degree from the University of St. Thomas may earn an additional bachelor's degree by completing the degree requirements. A minimum of 36 additional credit hours is required.

A student with a bachelor's degree from another recognized accredited institution may qualify for a UST bachelor's degree by earning a minimum of 36 credit hours at the University of St. Thomas for each additional degree and by fulfilling the general core requirements for the degree and the specific requirements for the new major program. The exception to fulfilling the regular UST core curriculum in the Accelerated Bachelor of Science in Nursing (ABSN). See the School of Nursing section of the catalog for more details.

Students planning to earn an additional degree should consult Office of Academic Advising to develop a degree plan prior to first registration at the University.

## 08. Additional Majors or Minors

Graduates of the University of St. Thomas who hold a baccalaureate degree may earn additional majors and minors by completing the departmental requirements for each major or minor. The student is responsible for tracking this additional coursework and notifying the academic department and the Office of the Registrar that the requirements for their additional majors/minors has been completed. If notification is not sent to the Registrar's office (via email from @stthom.edu account) by the end of the final semester of coursework, no further major/minors will be added to the student's record. If a UST graduate has earned a minor at UST then the student is not able to earn a major in that same area of study at UST. A student who has earned a BA Degree in General Studies, Liberal Arts, or a BA/BS in Integrated Humanities at UST may not earn a major at UST in any of the concentrations/minor areas of these degrees.

**APPROVED: Dr. Robert Ivany**

**Date of Original Formation: 9/1/2010**

**Revision Number:**

**Revision Date: 12/7/2020**

**Effective Date: 12/7/2020**

# Program-Specific Policies and Requirements

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## Bachelor Science of Nursing (BSN and ABSN) Progression Policies

### UST Peavy School of Nursing Grading Scale

A	95-100
A-	90-94
B+	87-89
B	84-86
B-	81-83
C+	78-80
C	75-77*
C-	72-74
D+	69-71
D	65-68
F	< 65

*\*C or higher is required to pass any Nursing course.*

A grade of C (75 – 77) or higher is required to pass all nursing courses. A weighted 75% test average is required for successful course completion regardless of other course grades. A student must achieve a 75% weighted course average on tests before other evaluative components are added for the final course grade. Students who do not achieve a 75% weighted average will be awarded his/her exam average grade as the final course grade. A course in the major for which the student has received less than a C, and/or an unsatisfactory clinical grade, must be repeated. For clinical nursing courses, both the classroom and clinical portions must be repeated regardless of what part(s) of the course were failed. A student failing to earn a C in a course with a clinical component must successfully repeat the course with a grade of C or higher.

### Successful completion of a Nursing Non–Clinical Course is defined as follows:

1. Weighted 75% test average.
2. Completion of all course assignments and tests.
3. Achievement of a final course grade of C or higher ( $\geq 75$ ).
4. Final course grades at 0.5 or higher will be rounded up.

### Successful completion of a Nursing Clinical Course is defined as follows:

1. Grade of "A" (90-100%) on Dosage and Solutions quiz prior to starting clinicals.
2. Weighted 75% test average.
3. Completion of all course assignments and tests.
4. Completion and submission of clinical assignments and written work.
5. A satisfactory clinical evaluation.
6. Achievement of a final course grade of C or higher ( $\geq 75$ ) AND
7. Final course grades at 0.5 or higher will be rounded up.

NOTE: Students will receive a final course grade of C– or lower when their overall course grade is higher, but they receive an unsatisfactory grade in clinical. If their overall grade for the course is less than a C–, they will receive the grade earned. Students who fail a course must apply to repeat the course.

## BSN Program Time Limits

The four-year BSN degree plan must be completed within six years. Students will work with academic advisors to develop a progression plan, which will be reviewed twice a year.

## BSN Program Readiness Assessment and Readiness Courses For Conditionally Admitted BSN Nursing Students

The goal of the readiness assessment process for incoming students is to identify potential areas of needed academic skill development to support success in the nursing curriculum. Students need highly developed reading and math skills and strong content knowledge in anatomy and physiology as a foundation for success in the BSN program.

### For Junior and Senior-Level BSN Nursing Students

The goals of the readiness course for students engaged in coursework in the nursing major are to 1) address academic performance patterns that reflect potential barriers to successful achievement of BSN program outcomes and NCLEX-RN readiness and 2) provide a structured framework for academic support that is individualized to address student learning needs. The readiness enhancement strategies included in the course are designed to help students achieve success in nursing courses, on the HESI Comprehensive Exit exam, and the NCLEX-RN licensure exam.

The readiness enhancement course, NURS 2032 Clinical Reasoning in Nursing, is designed for junior and/or senior nursing students enrolled in nursing courses who demonstrate academic performance patterns which may include the following:

1.
  1. Course failure of NURS 3651 Care of Adults/Older Adults and/or NURS 4653 Care of the Critically Ill.
  2. Test average below 75 in NURS 3651 Care of Adults/Older Adults course.
  3. Highest standardized Med-Surg specialty test score below 900 in NURS 3651 Care of Adults/Older Adults.
  4. Inconsistent performance on formal clinical competency assessments; and/or,
  5. Insufficient progress on readiness course goal attainment scales.

Readiness course credits may count toward financial aid requirements but do NOT count towards total degree program completion credits. Students may need to repeat the courses if learning goals are not fully met.

## Repeating Courses BSN Program

Students who need to repeat a BSN course to complete the curriculum must:

1. Submit a request to repeat a course with rationale to the Associate Dean within two weeks of course withdrawal or failure. Note: A failed course may be repeated only one time, except if the student was dismissed and readmitted back into UST-PSON.
2. Meet with course faculty to determine a remediation plan and preparation for repeating the course successfully.
3. Meet with UST-PSON Associate Dean (or designee) to review, revise, and sign the new altered progression plan.
4. The UST-PSON Associate Dean (or designee) will share the revised degree plan with the academic advisor and place a copy in the UST-PSON student file.

**Note: A failed course may be repeated only one time, except if the student was dismissed and readmitted back into UST-PSON.**

## ABSN Program

Students who fail one course in the ABSN track will be provided an opportunity to repeat the course. The student will enroll in only the course to be repeated in the semester following the course failure. If the course is successfully repeated the student will continue on a full-time basis. **Two nursing course failures require dismissal from the ABSN program.**

## Leave of Absence

### BSN Program

Students who have begun upper division coursework and have taken an approved leave of absence for up to one year from UST:

1. May be required to audit, or re-take courses as determined by the Associate Dean prior to being readmitted or registering for the next level required course with a clinical component.
2. May progress in the nursing program on a space available basis after a letter of intent to reactivate in the program (due March 1 before the fall semester or August 1 for the spring semester) is received and approved by the Associate Dean.

### ABSN Program

Students who have begun ABSN coursework and have taken an approved leave of absence for up to one year from UST:

1. May be required to audit or re-take courses as determined by the Director, ABSN Program prior to being readmitted or registering for the next level required course with a clinical component.
2. May progress in the nursing program on a space available basis after a letter of intent to reactivate in the program (due March 1 before the fall semester, August 1 for the spring semester, or February 1 for summer semester) is received and approved by the Director, ABSN Program.

## Withdrawal from the UST Peavy School of Nursing

Please see the UST Undergraduate Catalog for complete details on the withdrawal process and/or contact the Registrar's Office. Failure to officially withdraw from the University may result in the awarding of an F in all courses for which the student is still registered. The UST-PSON strongly advises its students to contact their advisors before beginning this process.

## Dismissal from the UST Peavy School of Nursing

Students who receive a grade below a C in any required nursing course may repeat the course one time only. Receiving a grade below a C in a course twice or receiving a grade below C in any two nursing courses, will result in dismissal from the nursing program. Students who remain in good academic standing may consider selecting another major at the University.

## Appeal Process

Students who have been dismissed from the UST Peavy School of Nursing for academic performance and wish to appeal the dismissal should submit a letter of appeal to the Dean of the UST Peavy School of Nursing within *one semester of receipt of the official dismissal notice* stating: the rationale why readmission should be considered; the performance issues related to the dismissal; a plan to assure that the performance issues will not be repeated if readmitted.

A faculty committee will be appointed by the Associate Dean to rule on student appeals. All decisions will be reviewed and finalized by the Dean prior to student notification.

# School of Education and Human Services Undergraduate Teacher Education

Dean: Ana-Lisa Gonzalez, [algonzal@stthom.edu](mailto:algonzal@stthom.edu)

Associate Dean of the Graduate Programs: Lachandra Landry, [landryl@stthom.edu](mailto:landryl@stthom.edu)

- Teacher Education
- Bilingual Education
- Multidisciplinary Education
- Reading Education
- Special Education
- Criminology, Law, and Society

## Undergraduate Programs in Education

The undergraduate education programs are designed to develop classroom teachers who demonstrate the ability to be effective with today's student population in a variety of field settings, both private and public.

Undergraduate teacher preparation programs are available in General and Bilingual Education with certification levels of Early Childhood through grade 6 (with concentrations in Bilingual Generalist, Generalist, or English as a Second Language Generalist); grades 4 through 8 (with concentrations in English Language Arts & Reading, Mathematics, or Social Studies); grades 7 through 12 (in a variety of teaching fields), Early Childhood through grade 12 certification in Art, Music, Spanish, and Theatre Arts, as well as supplemental certification in Special Education. Certification requirements vary for each level and field of concentration. Students should select courses for certification programs only after consultation with assigned advisors in the School of Education and Human Services. Students must file a degree plan in the School of Education and Human Services no later than the end of the sophomore year.

## Admission to Teacher Education Requirements

After the first 60 credit hours of study, students desiring to pursue teacher certification must apply for admission to the Teacher Education Program. Application forms are available in the School of Education and Human Services office and should be completed and returned no later than two weeks prior to the beginning of the fall semester.

Before admission, students must a) submit a completed application for admission to Teacher Education; b) have a grade point of at least 2.75 in the last 60 credit hours; and c) possess the personal and professional qualities necessary for success as a classroom teacher, evidenced by three reference forms. Once all admission materials are received, candidates for the program receive notification from the Dean or Director of the Undergraduate Teacher Education Program stating approval, disapproval, or approval with conditions for probationary admission to Teacher Education. Once students have met admission they can take up to 13-credit hours of teacher education courses. When they have reached the 13-credit hour limit progress and GPA will be reviewed to determine continuance in the program.

## Full Admission to the Teacher Education Requirements

Candidates must fulfill the following requirements for full program admission:

- Cumulative minimum undergraduate UST G.P.A. of 2.75
- Evidence of completed field experiences on file
- Positive recommendation from teacher education advisor
- Approval by teacher education faculty



The admission process assures both the candidate and the University that the applicant possesses the dispositions necessary for success in a program of professional preparation.

Once students are fully admitted to the School of Education and Human Services, a grade point average of a minimum of 2.5 is required in the teaching fields or areas of specialized coursework, and in the overall grade point average. In addition, professional qualities and a personal commitment necessary for success designed to develop master classroom teachers must be exhibited each semester to continue in the program.

## Field Experiences Required Prior to Student Teaching

In addition to student teaching, students participate in a variety of field experiences to become classroom ready. Many of these field experiences are part of professional education courses. Thus, with their link to the professional education courses, field experiences are ongoing throughout coursework leading up to student teaching. During fieldwork students are provided the opportunity to experience classroom instruction at various grade levels and in a variety of educational settings.

The focus of field experiences is on active learning and is skill specific. Students in a variety of classroom settings observe classroom practices, and they work with students individually and in small groups.

Students are required to participate in a minimum of 30 hours of professional field experience in public, charter, and private school settings, prior to clinical teaching. The state requires that 15 hours of professional field experiences are in observation, while the other 15 are interactive hours spent in a TEA designated classroom. Students are also expected to complete a minimum of 10 hours of community service and to participate in a minimum of 20 hours of professional development activities. Professional development includes attendance at education workshops and participation in UST student education organizations. There are several ways that students develop reflective practitioner skills from their field experiences. First, field experiences are shared and discussed in professional education courses. Also, after each field experience students are required to document hours and reflect on their experiences. A form is provided for this purpose. These completed forms are submitted to the Director of Field Experiences or the Administrative Assistant for Field Experiences. Completed forms are carefully reviewed and approved. If a problem or concern is identified with a completed form, the Director of Field Experiences contacts the student's advisor to help with corrective action.

*Note: Before participating in field experiences, students are required to pass a criminal background check.*

## Requirements for Admission to Clinical Teaching

After full admission to Teacher Education and successful completion of certain required courses in the professional development sequence, candidates for certification must apply for admission to clinical teaching. Application forms are accessed through a link that is given to students by the Director of Field Experiences and returned no later than midpoint of the semester prior to the semester planned for clinical teaching. Professional education coursework must have been completed within the past ten years.

Applications for clinical teaching are reviewed and recommended based on the following criteria: a) admission to Teacher Education; b) pre-student teaching professional education course requirements (EDUC 3304, 3306 (for EC-6 candidates), 3339, and 4338) met with a grade point average of at least 2.5. c) a grade point average of at least a 2.5 or better in all teaching fields or areas of specialization; d) an overall grade point average of at least 2.5; e) pre-student teaching field experience requirements met; and f) the professional qualities and personal commitment necessary for success designed to develop master classroom teachers. During clinical teaching, cooperating teachers and field supervisors continuously evaluate students and prepare reports on the progress of each student 3 times within the clinical teaching experience, as designated by TEA policy.

## State Board of Educator Certification (SBEC) Teacher Certification Requirements

To enter into the teaching profession, students must take the related Texas Examinations for Educator Standards (TExES) required by the State Board for Educator Certification (SBEC). Students seeking certification in Spanish must take the appropriate Languages Other than English (LOTE) exam. Students seeking bilingual certification must take the Bilingual Target Language Proficiency Test (BTLPT) in addition to other tests required for certification. The Certification Officer approves all applications for TExES leading to initial certification.

### Recommended for Certification

The Certification Officer recommends certification only after a student has met all certification requirements, including a) completion of a bachelor's degree; b) completion of Early Childhood through grade 6 (EC-grade 6), Grades 4 through 8, Grades 7 through 12, Early childhood through grade 12 programs; and c) passing scores on all required TExES and/or the BTLPT.

In accordance with Article 6252-12c, Texas Civil Statutes, the Commissioner of Education may refuse to issue a teaching certificate for persons convicted of a felony or misdemeanor crimes that directly relate to the duties and responsibilities of the teaching profession. Applicants for Texas Certificates will be screened for a record of felony or misdemeanor convictions through the Texas Department of Public Safety. Potential applicants may wish to contact the Certification Officer regarding concerns about this Texas requirement.

### Course Options for Students Not Admitted to Teacher Education

The following course may be taken as an elective by students who are not pursuing teaching certification in their undergraduate program and have not been admitted to teacher education:

- [EDUC 3307](#) Investigating Critical Issues in Education

The following courses may be taken as electives by students who are not pursuing teaching certification in their undergraduate program. Students registering for these classes must meet the admission criteria for teacher education and be approved for enrollment by the associate dean of undergraduate teacher education:

- [EDUC 3304](#) Introduction to Curriculum and Instruction
- [EDUC 3306](#) Early Childhood through Elementary Age Learning
- [BIE\\_DL 4330](#) Foundations and Methods of Second Language
- [MS 4338](#) Adolescent Learning
- [RDGED 3304](#) Teaching Reading through Children's Literature
- [SPED 4320](#) Exceptionality in Today's Schools

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## International Relations and Engagement

- Dr. Hans Stockton - Associate Vice President, International Relations & Engagement
- Ms. Dora Zhang - Director, International Services and Study Abroad

## University Services

- Dr. Carla Alsandor - Chief University Services Officer
- Mr. H.E. Jenkins - Assistant Vice President and Chief of Police
- Mr. Edgar Moctezuma - Assistant Vice President of Facilities Operations
- Ms. Gina Pomilla - Interim Director, Human Resources
- Dr. Reginald Brumfield - Chief Information Officer

## Strategic Partnerships and Community Engagement

- Mr. Arthur Ortiz - Chief Strategic Partnerships and Community Engagement Officer

## Athletics

- Mr. Todd Smith - Director, Athletics

## Faculty

Refer to <https://www.stthom.edu/Offices-and-Services/Directory/Index.aqf> for the most up to date listing.

**Shivas Amin**, 2012. Associate Professor, Biology. BS (2003) Texas A&M; PhD (2010) Rice University.

**James Anderson**, 1989. Assistant Professor, School of Theology. BA (1974) University of St. Thomas; STB (1977), STL (1979) and STD (1988) Pontifical Gregorian University.

**Dominic Aquila**, 2007. Professor, History. BMus (1977) Juilliard; MBA(1980) New York University; D. Litt et Phil. (2001) University of South Africa.

**Ulyses Balderas**, 2011. Associate Professor, International Studies;  
PhD (2005) and MA (1999) University of Colorado; BA (1998) Instituto Tecnologica.

**Catherine Romero-Barber**, 2010. Associate Professor, Education. Director, Research Program. MA (2000) Loyola University; PhD (2004) Loyola University.

**James Barloon**, 2001. Associate Professor, English. BA (1983) University of Notre Dame; MA (1987) University of Missouri; PhD (1995) University of Kansas.

**Sidika Gulfem-Bayram**, 2011. Associate Professor, Finance.; BS (1999) Ankara University, MBA (2002) University of Texas-RGV, Ph.D. (2011) University of Texas-RGV.

**Michael Boler**, 2011. Assistant Professor, Modern & Classical Languages. BA (2000) University of St. Thomas; MA (2007), PhD (2011) Fordham University.

**Elizabeth A. Borreca**, 2000. Associate Professor, Education; Chair, Exceptionality. BA (1970) and MS (1982) University of Wisconsin; EdD (1992) University of Houston.

**Clinton A. Brand**, 2001. Associate Professor, Chair, English. BA (1989) University of Dallas; MA (1990) and PhD (1995) Vanderbilt University.

**Lucindra Campbell-Law**, 2013. Professor, Nursing. BN (1994) Houston Baptist University; MN (1996) University of Texas Health Science Center; PhD (2004) Texas Women's University.

**Nicole Casarez**, 1990. Professor, Communication. BJ (1976) and JD (1979) University of Texas; MA (1991) University of Houston.

**Nicole Castellanos**, 2012. Assistant Professor, Beran Library. BA (2003) Tulane University; MS (2008) The University of Texas at Austin.

**Angelina Chambers**, 2012. Professor and Associate Dean, Nursing. BS (1976) Skidmore College; MS (1981) Yale School of Nursing; PhD (2006) University of Texas Medical Branch.

**Richa Chandra**, 2013. Assistant Professor, Chemistry and Physics. BA (2002) Austin College; PhD (2006) Texas A&M College Station.

**Yiyang Cheng**, 2013. Assistant Professor, Finance. BS (2002) Fudan University; PhD (2007) University of Rhode Island; PhD (2013) University of North Carolina Charlotte.

**James Clarage**, 2008. Associate Professor, Program Director, Physics. BA (1985) Illinois Wesleyan University; PhD (1990) Brandeis University.

**Elizabeth Coscio**, 2002. Associate Professor, Spanish; Director, Spanish Program; Cullen Foundation Chair in Spanish. BA (1969) University Of Houston; MA (1986) Rice University; PhD (2001) University of Houston.

**Emily Couvillon**, 2012. Assistant Professor, Public Services Librarian. BA (2010) Tulane University; MS (2012) The University of Texas at Austin

**Claudine Dufrene**, 2013. Assistant Professor, Nursing. AND (1991) Nicholls State University; BSN (1998), MSN (2000) University of Phoenix; PhD (2013) Texas Women's University.

**Christopher Evans**, 2007. Dean, School of Arts and Sciences; Associate Professor. BA (1996) Dallas Baptist University; ThM (2000) Dallas Theological Seminary; MA (2001) University of Dallas; PhD (2005) St. Louis University.

**Marie Faubert**, CSJ, 1994. Professor, Education, Cullen Trust for Higher Education/ Lloyd P. Webre Endowed Chair, Education. BA (1966) Regis College; MEd (1970) Boston State College; MEd (1989) and EdD (1992) North Carolina State University.

**Ramón Fernández**, 1983. CPA, CFP, CMA, CIA. Assistant Professor, Accounting. BA (1979) University of St. Thomas; MBA (1983) University of Houston.

**Mary Flagg**, 2013. Associate Professor, Mathematics. BS (1984) Rice University; MS (1986) California Institute of Technology; MS (2003), PhD (2006) University of Houston.

**Serena Flores**, 2012. Assistant Professor, Education; Chair, Counselor Education Program. BS (2006), MS (2008), PhD (2012) Texas A&M Corpus Christi.

**Jack Follis**, 2010. Associate Professor, Mathematics. MLA (2002) University of St. Thomas, MS (1999) Texas Tech University, BA (1994) University of St. Thomas

**Henry Foust**, 2012. Associate Professor, Mathematics, Computer Science, and Cooperative Engineering. BS (1995) University of New Orleans; MS (1995) Colorado School of Mines; PhD (2005) Tulane University.

**Donald R. Frohlich**, 1994. Professor, Biology. BS (1978) College of Idaho; MS (1983) and PhD (1989) Utah State University.

**Ray Garcia**, 2015. Professor; Director of the Ed.D Program. BS (1977) Texas A&I University. M.Ed (1981) Pan American University. D.Ed. (1989) University of Houston.

**Beena George**, 2003. Dean of Cameron School of Business. Professor, Management and Marketing; BS (1983) University of Kerala; MBA(1986) Indian Institute of Management, Calcutta.; PhD(2006) University of Houston.

**Chirine Ghaoui**, 1999. Assistant Professor, Chemistry and Physics. BS (1990) American University of Beirut; PhD (1997) University of Houston.

**Lynn R. Godwin**, 1994. Associate Professor, Marketing, Chair, Management and Marketing. BA (1981) University of Texas; MBA(1986) and PhD(1992) University of Memphis.

**Ana-Lisa Gonzalez**, 2004, 200, 2010. Associate Professor, Education; Chair, Reading and Field Experience. Med (2000) PhD (2005) University of Houston.

**Emiliano Gonzalez**, 1999. Professor, Education; Chair of the Graduate Curriculum & Instruction Program. BA (1987) University of Texas–Austin; MEd (1994) University of Texas–Pan American; PhD (1998) Indiana University.

**Terry Hall**, 1993. Associate Professor, Philosophy; Director, Honors Program. BA (1971) and MA (1975) Oklahoma State University; PhD (1990) Catholic University of America.

**Andrew Hayes**, 2011. Associate Professor, Theology. BA (2004) Christendom College; MA (2007), PhD (2012) Catholic University of America.

**John Hittinger**, 2006. Professor, Philosophy. Department Chair, Philosophy; BA (1974) University of Notre Dame; MA (1976) and PhD (1986) The Catholic University of America.

**Javoris Hollingsworth**, 2015. Assistant Professor. BA (2007) Georgia Southern University; MS (2009) PhD (2012) Louisiana State University

**Sujin Horwitz**, 2007. Professor, Management and Marketing. BS (1998) University of Maryland; MA (2000), PhD (2004) University of Minnesota.

**Nora Hutto**, 2011. Professor, Education. D.Ed. (1979), MS (1974) Texas Tech University; BS (1972) New Mexico State University.

**Steven Jensen**, 2007. Professor, Philosophy. BA (1987) University of St. Thomas; PhD (1993) University of Notre Dame.

**Michael Kane**, 2018. Instructor and Chair, Criminology, Law and Society. BS (1975) University of Tulsa. MA (1979) Sam Houston State University. M.Ed (2005) University of Houston Victoria. PhD (2017) Texas Southern University.

**Mary A. Kelleher**, 2004. Associate Professor, Periodical Reference Librarian; Chair, Beran Library, St. Mary's Seminary. BA (1985) University of St. Thomas; MA (1990) and PhD (1999) New York University; MLIS (2004) University of North Texas.



**Jean Kiekel**, 2012. Assistant Professor, Education; Chair of Secondary Education and Masters of Arts in Teaching. BS (1991), MBA (1993), PhD (2007) Kansas State University.

**Brady Knapp**, 2005. Associate Professor, Music, Chair of Music; Director of Choral Activities. B.Mus. (1994) Vanderbilt University; M.Mus. (1997) and DMA (2003) Rice University.

**Nicholas Kowalski**, 2011. Associate Professor, Collection Development Librarian, Doherty Library. BA (2001) John Carroll University; MLIS (2005) Kent State University.

**Phyllis Kritek**, 2014. Professor, School of Nursing; Archbishop Fiorenza Endowed Chair in Nursing. BSN (1967) Marillac College, MSN (1971), PhD (1980) University of Illinois at Chicago.

**Rick Krustchinsky**, 1981. Professor, Education; Program Chair, Undergraduate Education; Associate Dean, Undergraduate Education. BS (1973) and MEd (1974) Stephen F. Austin State University; EdD (1979) University of Southern Mississippi.

**Maia Larios-Sanz**, 2007. Associate Dean of Art and Sciences. Associate Professor, Biology. BA (1993) Schreiner College; MS (1997), PhD (2003) University of Houston.

**John Leavins**, 2003. Professor and Department Chair, Accounting. BBA (1968) Lamar State College; MBA (1972) Lamar University; PhD (1987) University of Houston.

**Robert M. LeBlanc**, 2002. Associate Professor, Education. BA (1969) University of St. Thomas; MA (1973) and EdD (1980) University of Houston.

**James LeBuffe**, 2007. Instructor, Education. BA (1970) Catholic University of America; MA (1974) Gallaudet University; EdD (1982) Temple University.

**Kristina Leyden**, 2012. Assistant Professor, Nursing. AS (1994), AAS (1996) Clark College; BA (1997) Washington State University; MS (1999) University of Texas Medical Branch.

**Victoria Liu**, 2017. Assistant Professor, Clinical Mental Health Counseling. BS (2004) University of Louisiana at Lafayette. MA (2013) PhD (2016) Sam Houston State University.

**Paul Lockey**, 2015. Associate Dean of the Graduate School of Theology, Associate Professor, Theology; BA (1968) Texas A&M; MT(1971) and MST (1974) Southern Methodist University; MA (1988) and PhD (1989) University of Dallas.

**Janet Lowery**, 1990. Professor, English; BS (1974) and MA (1980) State University of New York, Brockport; PhD (1990) State University of New York, Binghamton.

**Kerry J. MacArthur**, 1986. Associate Professor and Cullen Endowed Chair in English. BA (1979) St. John's University, Collegeville; MA (1982) and PhD (1988) University of Notre Dame.

**Laura Manzo**, 2011. Assistant Professor, Theology. PhD (2009) Catholic University of America; MA (1996) BA (1990) University of St. Thomas.

**Christopher Martin**, 1999. Professor, Philosophy. BA (1979), BPhil (1981) and DPhil (1984) Oxford University.

**Claire M. McDonald**, 1984. Professor, Drama; Department Chair, Fine and Performing Arts. BA (1977) Rice University; MFA (1983) University of Texas.

**Jo Meier-Marquis**, 2005. Associate Professor, Psychology; BA (1994) University of Texas, San Antonio; MA (1995) and PhD (1999) Southern Methodist University.

**Birgit Mellis**, 2010. Assistant Professor, Physics and Department Chair of Physics. MS (1991) University of Aachen and PhD (2004) University of Duisburg-Essen.

**Steven Meyer**, 2012. Assistant Professor, Theology. BA (1993), MA (1995) Franciscan University of Steubenville.

**Roger D. Morefield**, 1980. Associate Professor, Economics, Finance and Decision Information Sciences. BS (1972) University of Alabama; MA (1975) and PhD (1977) Duke University.

**Elham Mousavidin**, 2010, Assistant Professor, Management. BS (1998) University of Tehran, Mechanical Engineering. MBA (2002) University of Houston; PhD (2010) University of Houston.

**Lisa Munday**, 2007. Associate Professor and Department Chair History. BA (1998) Notre Dame College; MA and PhD (2006) Kansas State University.

**Romanus O. Muoneke**, 1991. Associate Professor, English. BD (1975) Bigard Memorial Seminary, Nigeria; BA (1981) University of Nigeria; HDip (1982) University College, Dublin; MA (1984) and PhD (1991) University of Houston.

**Edward Nam**, 2015. Assistant Professor, Biology. BS (2004) Duke University; PhD (2011) Vanderbilt University.

**Donald S. Nesti, CSSp**, 1994. Professor, School of Theology; Interim Director, Center for the Study of Faith and Culture. BA (1959) and BD (1964) St. Mary's Seminary, Norwalk; MA (1976) University of Pittsburgh; STL (1966) and STD (1970) Pontifical Gregorian University.

**Chau Nguyen**, 2017. Assistant Professor, Theology. MA (2010) M.Phil. (2015) PhD (2017) Catholic University of America

**Loan Nguyen**, 2008. Associate Professor, Doherty Library; Electronic Resources Librarian. BS (1992) Indiana-Purdue; MLIS (2001) University of North Texas.

**Ellis L. Nordyke**, 1974. Professor, Biology; Co-Director of Pre-Health Professional Program. BS (1968), MS (1970) and PhD (1972) University of Houston.

**Karen O'Brein**, 2018. Assistant Professor, Nursing. BSN (1993) Stephen F. Austin State University, MSN (2002) PhD (2008) The University of Texas Medical Branch at Galveston

**Mirela Olivia**, 2010. Associate Professor, Philosophy. MA (1999) La Sapienza University; BA (2000) University of Bucharest; PhD (2007) University of Freiburg I, Brsg.

**Thomas Osborne, Jr.**, 2003. Professor, Philosophy; Director, Center for Thomistic Studies. BA (1994) The Catholic University; MA (1995) Boston University; PhD (2001) Duke University; LMS (2002) Pontifical Institute of Mediaeval Studies.

**John A. Palasota**, 2000. Professor, Chemistry and Physics; Department Chair of Chemistry, Chemistry. BS (1989) University of St. Thomas; PhD (1993) University of Houston.

**Daniel Perez**, Assistant Professor, Finance; Chair of Economics and Finance. Finance. BA (2004) University of Texas- Pan American, MBA (2006) University of Texas-Pan American, PhD. (2011) University of Texas-Pan American.

**James Piccininni**, 1991. Professor, and Dean of Libraries. BA (1982) State University of New York, Cortland; MLS (1983) State University of New York, Albany; MPA (1990) Marist College.

**Ashley Pitts**, 2012. Assistant Professor, Public and Technical Service Librarian. BBA (2005) University of Houston; MS (2011) University of North Texas.

**Vinita Ramaswamy**, 1995. Professor and Associate Dean, Cameron School of Business Professor, Accounting. B.Com (HONS)(1981) University of Delhi; MCom (1984) University of Madras; PhD (1994) University of Houston.

**Theodore P. Rebard**, 1990. Associate Professor, Philosophy. BA (1975) St. John's College; MA (1986) and PhD (1989) Boston College.

**Albert Ribes-Zamora**, 2011. Assistant Professor, Biology. PhD (2007) Baylor College of Medicine; MS (2001) University of Kentucky, BS (1993) Universitat Autònoma de Barcelona (Spain).

**Yvette Rolle**, 2016. Assistant Professor, Nursing. DNP (2015) Chamberlain College of Nursing, MSN (1998), BSN (1995) University of Texas Health Science Center at Houston.

**Fr. Dempsey Rosales-Acosta**, 2010. Associate Professor, Theology; Chair of Theology. STB (1998) Pontifical Gregorian University; SSL (2004) Pontifical Biblicum Institute; STD (2009) Pontifical Gregorian University.

**Rosemarie Rosell**, 1997. Professor and Department Chair, Biology. BS (1976) Rhodes College; PhD (1989) University of Memphis.

**David Schein**, 2013. Associate Professor, Management and Marketing; Director of Graduate Programs. BA (1973) University of Pennsylvania. MBA (1975) University of Virginia. JD (1977) University of Houston. PhD (2005) University of Virginia.

**Carl W. Scott**, 1989. Associate Professor, Psychology and Department Chair, Psychology. BA (1975) Loyola University, New Orleans. MA (1981) and PhD (1987) University of Houston.

**Margaret L. Shelton**, 2013. Associate Professor, Accounting. BA (1971) Rice University; MBA (1980) University of Houston, PhD (1986) University of Houston.

**Hassan M. Shirvani**, 1986. Professor, Economics; Chair, Cullen Foundation in Economics. BS (1972) London School of Economics and Political Science; MS (1975) and PhD (1979) Harvard University.

**Alexandra Simmons-Nout**, 2008. Associate Professor, Biology. BED (1999) Universidad Catolica Andres Bello; PhD (2005) Venezuelan Institute of Scientific Studies.

**John Simms**, 2006. Associate Professor and Director of Undergraduate Programs, Accounting. BA (1997), MS (1999) and PhD (2006) University of Houston.

**Michele Simms**, 2000. Professor, Management. BA (1984) University of Michigan; MA (1986) Michigan State University; PhD (1991) Wayne State University.

**Richard Sindelar**, 2012. Assistant Professor, Center for International Studies. BSFS (1971), JD (1983) Georgetown University.

**Paul Smith**, 2017. Assistant Professor, Clinical and Mental Health Counseling. BA (2008), MA (2013) Wake Forest University. PhD (2016) University of North Carolina Greensboro.

**Randall Smith**, 2001. Professor, Theology; Endowed Chair, Scanlan Foundation in Theology. BA (1981) Cornell University; MS (1987) University of Dallas; MMS (1991) and PhD (1998) University of Notre Dame.

**Malcolm Solomon**, 2002–3, 2008. Associate Professor, Music. BA (1996) University of St. Thomas; MM (1999) and DMA (2002) Rice University.

**Charles Sommer**, 2005. Associate Professor, Theology. BA (1999) University of St. Thomas; MA (2005) and PhD (2007) Catholic University of America.

**John W. Starner**, 1998. Associate Professor, Mathematics. BS (1971), MA (1972) and PhD (1976) University of New Mexico.

**Michelle Steiger**, 2006, Associate Professor, Chemistry and Physics. BS (1995) Nazareth College of Rochester; PhD (2000) University of Rochester School of Medicine.

**Hans Stockton**, 2002. Associate Dean of Arts and Sciences; Professor, Chair, International Studies and Modern Languages; Director, Center for International Studies. BA (1991) and PhD (1998) Texas A&M University.

**John Story**, 2008. Associate Professor, Marketing; BBA (1991) and MS (1995) Texas A&M University; PhD. (2000) University of Colorado.

**Leon Strieder**, 2002. Associate Professor, School of Theology. BA (1972) University of St. Thomas; STB (1975) Pontifical Gregorian University; SSL (1980) and SLD (1994) Pontifical Liturgical Institute.

**Chih-Huei (Debby) Su**, 2015. Assistant Professor, Finance. BS (2005) National Cheng-Chi University, MSF (2009) George Washington University, MBA (2013) Baruch College, PhD (2015) Baruch College.

**Michael Sullivan** 2017. Assistant Professor, Nursing. BSN (1977) University of Texas Medical Branch at Galveston. MS (1985) University of Houston Clear Lake. MA (2005) Doctorate (2013) Loyola University.

**Nevine Sultan**, 2015. Assistant Professor, Clinical and Mental Health Counseling. BS (2007) University of Maryland; MA (2012) and PhD (2015) St. Mary's University.

**Charles Talar**, 2002. Professor, School of Theology. BA (1970) St. Mary's Seminary College; MA (1985) New School for Social Research; STM (1974) and STL (1981) St. Mary's School of Theology; MA (1973) and PhD (1980) Catholic University of America; STD (1987) St. Mary's Seminary and University.

**Higinia Torres-Rimbau**, 1987. Professor, Education; Chair, Bilingual/Dual Language Education. BA (1972), MA (1977) and D.Ed. (1987) University of Houston.

**Poldi Tschirch**, 2009. Interim Vice President of Academic Affairs, Dean and Professor, School of Nursing; Endowed Chair, Carol and Odis Peavy in Nursing. PhD (1992) University of Texas Graduate School; MSN (1983) University of Texas School of Nursing; BSN (1974) Salve Regina College.

**Mark Turner**, 2008. Professor, Accounting. MBA (1976) University of Texas Austin; DBA (1987) University of Memphis.

**C. Joe Ueng**, 1996. Professor, Finance; Cullen Endowed Chair of Finance. BS (1986) National Central University, Taipei; MBA (1991) Grand Valley State University; PhD (1995) St. Louis University.

**Gabriel Villares**, 2015. Assistant Professor, Biology; Director of HPAC. BS (1999) Saint Michael's College; PhD (2009) University of Texas Health Science Center at Houston.

**Nicole Walters**, 2013. Assistant Professor, Education; Associate Dean, Graduate Programs. BS (1997) University of Houston; MEd (2000), EdD (2007) Texas Southern University.

**Phyllis Waters**, 2014. Professor and Associate Dean for Graduate Programs in Nursing. BS (1969) Mercer University. MS (1977) Texas Woman's University at Denton. PhD (2008) The University of Texas Medical Branch at Galveston.

**Lee J. Williames**, 1992. Professor, History. BA (1964) La Salle University; MA (1966) Niagara University; ACS (1966) Soviet and East European Institute, Niagara University; PhD (1981) State University of New York, Binghamton.

**Robin N. Williamson**, 1983. Professor, Communication; BA (1970) and MA (1973) University of Southern California; PhD (1983) University of Wisconsin.

**Yao-Yuan Yeh**, 2017. Assistant Professor, International Studies and Modern Languages. BS (2008) National Taiwan University. PhD (2014) Texas A&M University.

**Charles R. Young**, 1990. Associate Professor, Political Science; Prelaw Advisor. BA (1970) University of St. Thomas; JD (1975) South Texas College of Law.

**Crystal Young**; 2014. Associate Professor. Chemistry. BA (2008) Texas A&M University; PhD (2014) University of Houston.

# Contact Information

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## Where to Go For Answers or Help

Area	Name/Office	Location	Phone Number
Academic Advising	Mr. Lee Holm	Crooker Center	713-942-3494
Address Change	Registrar's Office	Herzstein Enrollment Center	713-525-2150
Admissions	Admissions Office	Monaghan House	713-525-3500
Freshman and Transfer	Admissions Office	Monaghan House	713-525-3500
<b>Graduate Programs</b>			
Business, Finance	Dr. Vinita Ramaswamy	Welder Hall	713-525-2100
Education	Dr. Ana-Lisa Gonzalez	Malloy Hall	713-831-7235
Liberal Arts	Dr. Thomas Behr	De La Salle House	713-525-6951
Philosophy	Dr. Thomas Osborne	Sullivan Hall	713-525-3591
Theology/Divinity	Dr. Jon Kirwan	School of Theology	713-686-4345
Faith and Culture	Rev. Binh Quach	Center for Faith and Center	713-942-5067
Auditing Classes	Registrar's Office	Herzstein Enrollment Center	713-525-2150
Billing Information	Business Office	Herzstein Enrollment Center	713-525-2130
Campus Student Employment	Career Services	Crooker Center	713-525-3160
Campus Ministry/Chapel	Mrs. Nicole Labadie	Crooker Center	713-525-3589
Career Services & Testing Center	Ms. Paula Marsh	Crooker Center	713-525-3161
Catalogs	<a href="http://www.stthom.edu/catalogs">www.stthom.edu/catalogs</a>		
Change of Course (add/drop)	Academic Advisor		
Class Schedules	<a href="http://www.stthom.edu/myStThom">www.stthom.edu/myStThom</a>		
Counseling, Wellness and Disability	Dr. Rose Signorello	Crooker Center	713-525-3162
Degree Plans	Academic Advisor		
Degree Progress	myStThom (website)		
Fees	Business Office	Herzstein Enrollment Center	713-525-2130
Financial Aid	Office of Scholarships & Financial Aid	Herzstein Enrollment Center	713-525-2170
Honors	Dr. Michael Boler	Honors House	713-525-3126
Housing		Guinan Residence Hall	713-525-3836
ID Cards	Student Services	Crooker Center	713-525-3570
International Student	Dora Zhang	Crooker Center	713-942-3412
Loans	Office of Scholarships & Financial Aid	Herzstein Enrollment Center	713-525-2170
Meal Plans	Dining Services	Crooker Center	713-525-3873
Medical Services	Student Affairs Office	Crooker Center	713-525-3570
Name Change	Registrar's Office	Herzstein Enrollment Center	713-525-2150
Police, University	Security	Moran Parking Center	713-525-3888
Scholarships	Office of Scholarships and Financial Aid	Herzstein Enrollment Center	713-525-2170
Study Abroad	Dr. Ulyses Balderas	Tiller Hall	713-525-3536
Transcripts	Registrar's Office	Herzstein Enrollment Center	713-525-2150
Tutoring	Tutorial Services Center	Crooker Center	713-525-3175
Veteran Affairs	Trisha Ruiz/Admissions	Veterans Success Center	713-525-2101
Withdrawal from Class or University	Registrar's Office	Herzstein Enrollment Center	713-525-2150



# Degrees & Certificates

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## Accounting

### Degree Type

Bachelor of Business Administration

**Department Chair:** John Leavins, [leavinj@sttom.edu](mailto:leavinj@sttom.edu)

The accounting degree program provides a broad-based education and promising employment prospects for future business leaders by equipping students with the business and accounting knowledge necessary to obtain professional positions after graduation, providing a sound knowledge base for continuing progress in the accounting profession, and creating an environment within which students and faculty exchange ideas and critically evaluate the profession and its role in society.

The undergraduate accounting curriculum is designed to provide learning and decision-making skills that will be invaluable throughout the graduate's career. Accordingly, the curriculum incorporates both accounting theory and practice. The BBA prepares students who do not wish to sit for the CPA exam in the following careers:

- Corporate
- Nonprofit
- Government accounting

Students interested in public accounting and planning to take the CPA exam must successfully complete 150 hours of college credit. Our BBA/MBA and Master of Science in Accounting degrees are designed to prepare them to sit for this exam.

## Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.

## Business Foundation Courses

Best if completed before 60 hour mark.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ACCT 1341	Principles of Accounting I	3.0
ACCT 1342	Principles of Accounting II	3.0
ECON 1331	Principles of Macroeconomics	3.0
ECON 1332	Principles of Microeconomics	3.0
MATH 1353	Mathematics for Economics and Business	3.0
MATH 3332	Elementary Statistical Methods for Economics & Business	3.0
MGMT 2347	Principles of Management	3.0
MGMT 3320	Business Communications	3.0

## Business Required Courses

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
DEIS 4333	Principles of Operations Management	3.0
ECON 3331	International Economics	3.0
FINA 3339	Corporate Finance	3.0
MGMT 4331	Business Law	3.0
MKTG 3343	Principles of Marketing	3.0

## Business Capstone

Take during final semester at UST.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MGMT 4399	Senior Seminar	3.0

## Accounting Required Courses

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ACCT 3332	Managerial Accounting	3.0
ACCT 3333	Income Taxation I	3.0
ACCT 3334	Income Taxation II	3.0
ACCT 3341	Intermediate Accounting: Assets	3.0
ACCT 3342	Intermediate Accounting: Equities	3.0
ACCT 4333	Auditing	3.0
ACCT 4338	Accounting Information Systems	3.0

## Accounting Electives

Complete **3 hours from** the following:

Item #	Title	Credits
ACCT 3336	Financial Statement Analysis	3.0
ACCT 4191	Internship in Accounting	1.0
ACCT 4291	Internship in Accounting	2.0
ACCT 4391	Internship in Accounting	3.0
ACCT 4192	Independent Study	1.0
ACCT 4392	Dir Reading/Independent Study	3.0
ACCT 4335	Fund Accounting	3.0
ACCT 4366	Comparative Accounting Practices	3.0
ACCT 4393	Special Topics in Accounting	3.0
ACCT 4397	Fraud Examination	3.0
	<b>Total Credits</b>	<b>66</b>

## Accounting

### Degree Type

Bachelor of Business Administration & Master of Business Administration

Total undergraduate hours (114 minimum) and graduate hours (36 minimum): 150 Credit Hours Total

## Business Foundation Courses

Item #	Title	Credits
ACCT 1341	Principles of Accounting I	3.0
ACCT 1342	Principles of Accounting II	3.0
ECON 1331	Principles of Macroeconomics	3.0
ECON 1332	Principles of Microeconomics	3.0
MATH 1353	Mathematics for Economics and Business	3.0
MATH 3332	Elementary Statistical Methods for Economics & Business	3.0
MGMT 2347	Principles of Management	3.0
MGMT 3320	Business Communications	3.0

## Business Required Courses

Item #	Title	Credits
DEIS 4333	Principles of Operations Management	3.0
ECON 3331	International Economics	3.0
FINA 3339	Corporate Finance	3.0
MGMT 4331	Business Law	3.0
MKTG 3343	Principles of Marketing	3.0

## Accounting Required Courses

Item #	Title	Credits
ACCT 3332	Managerial Accounting	3.0
ACCT 3333	Income Taxation I	3.0
ACCT 3334	Income Taxation II	3.0
ACCT 3341	Intermediate Accounting: Assets	3.0
ACCT 3342	Intermediate Accounting: Equities	3.0
ACCT 4338	Accounting Information Systems	3.0

## MBA Core Courses

Item #	Title	Credits
MBA 6315	Operations Management and Supply Chain	3.0
MBA 5318	Financial Management	3.0
MBA 6320	Marketing Strategy	3.0
MBA 6322	Organizational Behavior	3.0
MBA 6311	Managerial Economics	3.0
MBA 6357	Management Information Systems	3.0
MBA 6370	Applied Strategic Management (Capstone Course)	3.0

## MBA Accounting Required Courses

Item #	Title	Credits
ACCT 6314	Contemporary Issues in Finance & Accounting	3.0
ACCT 6330	Advanced Accounting	3.0
ACCT 6333	Auditing	3.0
ACCT 6399	Professional Ethics and Social Responsibility	3.0

## MBA Accounting Elective

Complete 3hrs from the following courses.

Item #	Title	Credits
ACCT 6353	Federal Tax Concepts for Individuals	3.0
ACCT 6360	Governmental/Not-for-Profit Accounting	3.0
ACCT 6362	Taxation of Business Entities	3.0
ACCT 6366	Comparative Accounting Practices	3.0
ACCT 6391	Internship in Accounting	3.0
ACCT 6397	Forensic Accounting	3.0
ACCT 6336	Financial Statement Analysis	3.0
	<b>Total Credits</b>	<b>93</b>

## Accounting

### Degree Type

Minor

## Required for Accounting Minor

Item #	Title	Credits
ACCT 1341	Principles of Accounting I	3.0
ACCT 1342	Principles of Accounting II	3.0

## Accounting Electives

Choose *four* of the following:

Item #	Title	Credits
ACCT 3332	Managerial Accounting	3.0
ACCT 3333	Income Taxation I	3.0
ACCT 3334	Income Taxation II	3.0
ACCT 3336	Financial Statement Analysis	3.0
ACCT 3341	Intermediate Accounting: Assets	3.0
ACCT 3342	Intermediate Accounting: Equities	3.0
ACCT 4333	Auditing	3.0
ACCT 4335	Fund Accounting	3.0
ACCT 4338	Accounting Information Systems	3.0
	<b>Total Credits</b>	<b>18</b>

## Applied Accounting

### Degree Type

Undergraduate Certificate

The Certificate in Applied Accounting requires the completion of a set of 6 courses offered within the General Business Program of the Kolbe School for Innovation and Professional Studies.

This certificate coursework introduces students to the process of accounting in the enterprise. In this certification course, students will learn how to understand the concepts of accounting and how to apply those concepts in the workplace. In addition, students will learn how to use practical tools used in accounting departments.

This practical approach to accounting understanding can prepare students for entry level accounting positions while working on their degree.

In addition to the University of St. Thomas Certificate in Applied Accounting, the certificate course provides students with 18 credit hours in general business. These courses can be used towards the completion of an associate in applied science in general business. Credits can be transferred to a four-year program if desired.

## Subject Matter Courses

Complete all of the following courses.

Item #	Title	Credits
GENB 1341	Principles of Accounting 1	3.0
GENB 1342	Principles of Accounting 2	3.0
GENB 2397	Accounting Applications	3.0

## General Business Courses

Complete all of the following courses.

Item #	Title	Credits
GENB 1331	Principles of Macroeconomics	3.0
PHILC 1301	Philosophy of Nature and the Human Person	3.0
GENB 1320	Business Communication	3.0
<b>Total Credits</b>		<b>18</b>

## Applied Mathematics

### Degree Type

Bachelor of Science

The Bachelor of Science in Applied Mathematics is a comprehensive program covering topics such as calculus, differential equations, linear algebra, probability, and mathematical modeling. The degree also emphasizes interdisciplinary applications, requiring computer science courses, laboratory science courses (chemistry, biology, and/or physics), and a course in logic, preparing students for practical applications of mathematics in various fields.

## Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.

## Mathematics Required Courses

Complete all of the following courses.

Item #	Title	Credits
MATH 1431	Calculus I	4.0
MATH 1432	Calculus II	4.0
MATH 2431	Calculus III	4.0
MATH 2343	Differential Equations I	3.0
MATH 3334	Linear Algebra I	3.0
MATH 3360	Discrete Mathematics	3.0
MATH 4331	Real Analysis I	3.0
MATH 4338	Abstract Algebra I	3.0
MATH 4344	Mathematical Modeling	3.0
MATH 4370	Capstone Project	3.0

## Mathematics Requirement Option

Complete one of the following courses.

Item #	Title	Credits
MATH 3335	A First Course in Probability	3.0
MATH 3450	Biostatistics I	4.0

## Mathematics Electives

Complete two of the following courses.

Item #	Title	Credits
MATH 3339	Topics in Numerical Analysis	3.0
MATH 3343	Differential Equations II	3.0
MATH 4350	Biostatistics II	3.0
MATH 3371	Introduction to Data Analytics	3.0
MATH 4336	Complex Analysis	3.0
MATH 4343	Introduction to Partial Differential Equations	3.0
MATH 4381	Advance Topics in Applied Statistics	3.0

## Computer Science

Complete all of the following courses.

Item #	Title	Credits
COMSC 1450	Introduction to Programming and Computer Science	4.0
COMSC 1451	Object Oriented Programming	4.0
COMSC 2351	Data Structures	3.0
COMSC 3375	Database Systems	3.0

## Philosophy Logic Requirement

Complete one of the following courses.

Item #	Title	Credits
PHIL 3333	Logic (Traditional Logic)	3.0
PHIL 3350	Contemporary Logic	3.0

## Science Option

Choose **one** group of courses in the same subject area.

Item #	Title	Credits
CHEM 1341	General Chemistry I	3.0
CHEM 1141	General Chemistry I Laboratory	1.0
CHEM 1342	General Chemistry II	3.0
CHEM 1142	General Chemistry II Laboratory	1.0
BIOL 1351	Introduction to Population Biology and Evolution	3.0
BIOL 1151	Introduction to Biology Practicum	1.0
BIOL 1352	Introduction to Cell and Molecular Biology	3.0
BIOL 1152	Basic Lab Techiques in Biology	1.0
PHYS 2333	University Physics I	3.0
PHYS 2111	University Physics I Laboratory	1.0
PHYS 2334	University Physics II	3.0
PHYS 2112	University Physics II Lab	1.0
<b>Total Credits</b>		<b>67</b>

## Applied Statistics

### Degree Type

Minor

The minor in applied statistics provides students with a foundation in statistical methods and their applications in various fields.

## Required Statistics Courses

Item #	Title	Credits
MATH 3450	Biostatistics I	4.0
MATH 4350	Biostatistics II	3.0
MATH 4381	Advance Topics in Applied Statistics	3.0



## Statistics Electives

Choose three course from the following:

Item #	Title	Credits
MATH 3334	Linear Algebra I	3.0
MATH 3335	A First Course in Probability	3.0
MATH 3339	Topics in Numerical Analysis	3.0
MATH 3360	Discrete Mathematics	3.0
BIOL 4333	Research Methods in Biological Investigation	3.0
MKTG 3351	Marketing Research	3.0
DEIS 4333	Principles of Operations Management	3.0
FINA 3350	Investment Analysis	3.0
POSC 3301	Statistics for the Social Sciences	3.0
PSYC 3434	Inferential Statistics	4.0
PSYC 3338	Experimental Psychology	3.0
PSYC 3138	Experimental Psychology Laboratory	1.0
PSYC 4440	Psychometrics	4.0
	<b>Total Credits</b>	<b>19-22</b>

## Art History

### Degree Type

Minor

Choose 15 hours of Art History (ARTHS or ARTHI) courses. At least 3 courses (9 hours) must be at the upper-division level.

**Total Credits**

**15**

## Art: EC-12

### Degree Type

Bachelor of Arts

*Note: Preparation for student teaching requires 50 hours of school-based field experiences, 10 hours of church/ community service, and 20 hours of professional development. Please see the [School of Education and Human Services Undergraduate Teacher Education](#) page for more information about teacher education requirements.*

## Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.

### Art History

Item #	Title	Credits
ARTHS 2351	Survey of Art I	3.0
ARTHS 2352	Survey of Art II	3.0

### Studio Arts

Item #	Title	Credits
ARTS 1301	Drawing Fundamentals I	3.0
ARTS 1302	Drawing Fundamentals II	3.0
ARTS 1303	2-D Design	3.0
ARTS 1304	3-D Design	3.0
ARTS 2306	Color I	3.0
ARTS 2320	Beginning Painting I	3.0
ARTS 2330	Beginning Sculpture I	3.0

### Studio Arts Concentration

Choose one sequence:

#### Painting Sequence

Item #	Title	Credits
ARTS 2321	Beginning Painting II	3.0
ARTS 3320	Intermediate Painting I	3.0
ARTS 3321	Intermediate Painting II	3.0
ARTS 4320	Advanced Painting I	3.0

## Sculpture Sequence

Item #	Title	Credits
ARTS 2331	Beginning Sculpture II	3.0
ARTS 3333	Intermediate Sculpture I: Mixed Media	3.0
ARTS 3334	Intermediate Sculpture II: Mixed Media	3.0
ARTS 4333	Advanced Sculpture I Mixed Media	3.0

## Professional Development

Must be completed at UST.

Item #	Title	Credits
EDUC 3100	Field Experience Seminar I	1.0
EDUC 3101	Field Experience Seminar II	1.0
EDUC 3102	Field Experience Seminar III	1.0
EDUC 3304	Introduction to Curriculum and Instruction	3.0
EDUC 3313	Digital Instructional Strategies	3.0
EDUC 3339	Multicultural Populations	3.0
EDUC 4338	Classroom Management	3.0
EDUC 4370	Student Teaching, Secondary	3.0
EDUC 4371	Student Teaching, Secondary	3.0

## Multidisciplinary Studies

Item #	Title	Credits
MS 4338	Adolescent Learning	3.0

## Reading

Item #	Title	Credits
RDGED 3303	Content Area Reading	3.0

## English as a Second Language

Item #	Title	Credits
BIE_DL 4330	Foundations and Methods of Second Language Acquisition	3.0

## Special Education

Item #	Title	Credits
SPED 4320	Exceptionality in Today's Schools	3.0
<b>Total Credits</b>		<b>72</b>

## Associate Degree Core Curriculum

### Degree Type

Associates Degrees

All associates degree programs are required to contain a core curriculum of at least 15hrs that are comprised of the following areas: Social/Behavioral Sciences, Humanities/Fine Arts, Natural Science/Mathematics, and English. Below is a breakdown of the core curriculum for each associate's degree.

## Drug and Alcohol Counseling

Item #	Title	Credits
PSYC 1332	General Psychology	3.0
PHILC 1301	Philosophy of Nature and the Human Person	3.0
PHILC 2301	Ethics	3.0
LS 1301	Foundations of Liberal Learning	3.0
AMAT 1300	Foundations of Mathematics I	3.0

## General Studies

Item #	Title	Credits
PSYC 1332	General Psychology	3.0
PHILC 1301	Philosophy of Nature and the Human Person	3.0
PHILC 2301	Ethics	3.0
LS 1301	Foundations of Liberal Learning	3.0
MATH 1324	Math for Business & Social Sciences	3.0

## General Business

Item #	Title	Credits
GENB 1312	Introduction to Business	3.0
PHILC 1301	Philosophy of Nature and the Human Person	3.0
GENB 1301	Principled Business	3.0
LS 1301	Foundations of Liberal Learning	3.0
	MATH 1324 OR MATH 1355	

## Cyber Security

Item #	Title	Credits
PSYC 1332	General Psychology	3.0
PHILC 1301	Philosophy of Nature and the Human Person	3.0
PHILC 2301	Ethics	3.0
AMAT 1300	Foundations of Mathematics I	3.0
AMAT 1355	Foundations of Mathematics II	3.0

## Electronic Technology

Item #	Title	Credits
PSYC 1332	General Psychology	3.0
PHILC 1301	Philosophy of Nature and the Human Person	3.0
PHILC 2301	Ethics	3.0
AMAT 1300	Foundations of Mathematics I	3.0
AMAT 1355	Foundations of Mathematics II	3.0

## Networking Technology

Item #	Title	Credits
PSYC 1332	General Psychology	3.0
PHILC 1301	Philosophy of Nature and the Human Person	3.0
PHILC 2301	Ethics	3.0
AMAT 1300	Foundations of Mathematics I	3.0
AMAT 1355	Foundations of Mathematics II	3.0

## Human Services

Item #	Title	Credits
PSYC 1332	General Psychology	3.0
PHILC 1301	Philosophy of Nature and the Human Person	3.0
PHILC 2301	Ethics	3.0
LS 1301	Foundations of Liberal Learning	3.0
AMAT 1300	Foundations of Mathematics I	3.0

## General Science

Item #	Title	Credits
PSYC 1332	General Psychology	3.0
PHILC 1301	Philosophy of Nature and the Human Person	3.0
PHILC 2301	Ethics	3.0
LS 1301	Foundations of Liberal Learning	3.0
MATH 1314	College Algebra	3.0

## Pragmatic Studies

Item #	Title	Credits
AEXC 1345	Healthy Relationships	3.0
AEXC 1330	Sacred Scripture, Community Outreach, & Catholic Service	3.0
AEXC 2310	Cultural Awareness	3.0
AEXC 2320	News & Daily Living	3.0
AEXC 1305	Nutrition, Health, & Fitness	3.0
<b>Total Credits</b>		<b>15</b>

## BA in International Studies & MA in Diplomacy & Strategic Affairs (MDSA)

### Degree Type

Bachelor of Arts & Master of Arts

## Geography

Item #	Title	Credits
GEOG 2332	World Regional Geography	3.0

## International Studies

Item #	Title	Credits
INST 1351	Introduction to International Studies	3.0
INST 2352	Research Methods in Int' Stud	3.0
INST 3351	Comparative Political Systems	3.0
INST 3352	International Politics	3.0
INST 3354	International Political Economy	3.0
INST 3355	Intercultural Issues	3.0
INST 3366	The American Foreign Policy Process	3.0

## Regional Studies

Choose **one** of the following:

Item #	Title	Credits
INST 3357	Regional Study of Europe	3.0
INST 3359	Regional Study of Latin America	3.0
INST 3360	Regional Study of East Asia	3.0
INST 3363	Regional Study of North Africa and the Middle East	3.0

## International Studies Electives

Choose three additional International Studies elective courses.

Do not take INST 4364: will be an option as MLINS 6364

## Foreign Language

Depending on fluency, see department.

The ability to communicate in foreign communities is fundamental to effective international work.

Two sequential courses in a foreign language. Arabic, French, German, Greek, Italian, Irish, Japanese, Latin, Mandarin Chinese, Spanish

## Practical International Experience

Being immersed in an international environment is one of the most effective means for gaining an international perspective. Therefore, each student majoring in International Studies will complete one of the following practical international experiences:

- Study Abroad
- Internship in international business
- Structured experience abroad without academic credit

## MDSA Core Courses

Item #	Title	Credits
MDSA 5301	Introduction to Diplomacy and Strategic Policy	3.0
MDSA 5302	Analytics in Strategic Affairs	3.0
MDSA 5303	Advanced Seminar in Diplomacy and Strategic Studies	3.0
MDSA 6399	Capstone Project	3.0

## MDSA Field Courses Core Courses

Item #	Title	Credits
MLINS 6364	International Law	3.0
MLINS 6369	Seminar in International Development Studies	3.0
MLPOS 5372	Public Personnel Administration	3.0

## MDSA General Electives

Select 12 credit hours from MDSA, MLCOM, MLINS, MLPOS, MLPSY, MPPA (5000 & 6000 level).

**Total Credits**

**72**

# Bachelor of Science: Chemical Engineering

## Degree Type

Bachelor of Science

**Note: Students earning this degree will follow the 31-hour core curriculum for Engineering/Physics BS students.**

## Major Course Work

Item #	Title	Credits
ENGR 1300	Introduction to Engineering	3.0
ENGR 1100	Intro to Engineering Lab	1.0
ENGR 2100	Introduction to Engineering Design	1.0
ENGR 2302	Material and Energy Balances	3.0
PHYS 2333	University Physics I	3.0
PHYS 2111	University Physics I Laboratory	1.0
PHYS 2334	University Physics II	3.0
PHYS 2112	University Physics II Lab	1.0
PHYS 3337	Modern Physics	3.0
PHYS 3137	Modern Physics Laboratory	1.0
ENGR 3343	Mathematical Methods for Physics and Engineering	3.0
ENGR 3333	Electrical Circuits I	3.0
ENGR 3133	Electrical Circuits Lab	1.0
ENGR 3335	Thermodynamics	3.0
ENGR 3337	Multicomponent Thermodynamics	3.0
ENGR 3130	Junior/Senior Seminar in Physics and Engineering	1.0
ENGR 3305	Heat Transfer	3.0
ENGR 3139	Units Operations Laboratory I	1.0
ENGR 3140	Unit Operations Laboratory 2	1.0
ENGR 3348	Fluids	3.0
ENGR 3352	Transport Phenomena	3.0
ENGR 4354	Transport Processes	3.0
ENGR 4343	Computational Methods for Engineering	3.0
ENGR 4300	Chemical Reactors	3.0
ENGR 4303	Analysis and Design of Chemical Processes	3.0
ENGR 4304	Plant Design	3.0
ENGR 4312	Engineering Communications	3.0
ENGR 4356	Chemical Engineering Capstone	3.0
ENGR 4156	Chemical Engineering Capstone Laboratory	1.0

## PHYS/ENGR Electives

Complete 6hrs ENGR/PHYS elective hours. Consult with Academic Advisor regarding options.

## Chemistry

Must take in order.

Item #	Title	Credits
CHEM 1341	General Chemistry I	3.0
CHEM 1141	General Chemistry I Laboratory	1.0
CHEM 1342	General Chemistry II	3.0
CHEM 1142	General Chemistry II Laboratory	1.0
CHEM 2343	Organic Chemistry I	3.0
CHEM 2143	Organic Chemistry I Laboratory	1.0

## Mathematics

Must take in order.

Item #	Title	Credits
MATH 1431	Calculus I	4.0
MATH 1432	Calculus II	4.0
MATH 2431	Calculus III	4.0
<b>Total Credits</b>		<b>100</b>

## Bachelor of Science: Electrical Engineering

### Degree Type

Bachelor of Science

**Note:** *Students earning this degree will follow the 31-hour core curriculum for Engineering/Physics BS students.*



## Major Coursework

Item #	Title	Credits
ENGR 1300	Introduction to Engineering	3.0
ENGR 1100	Intro to Engineering Lab	1.0
ENGR 2100	Introduction to Engineering Design	1.0
PHYS 2333	University Physics I	3.0
PHYS 2111	University Physics I Laboratory	1.0
PHYS 2334	University Physics II	3.0
PHYS 2112	University Physics II Lab	1.0
ENGR 2410	Digital Design	4.0
PHYS 3337	Modern Physics	3.0
PHYS 3137	Modern Physics Laboratory	1.0
ENGR 3333	Electrical Circuits I	3.0
ENGR 3133	Electrical Circuits Lab	1.0
ENGR 3346	Electrical Circuits II	3.0
ENGR 3330	Electronics I	3.0
ENGR 3331	Electronics II	3.0
ENGR 3131	Advanced Electronics Laboratory	1.0
ENGR 3343	Mathematical Methods for Physics and Engineering	3.0
ENGR 3334	Microprocessors	3.0
ENGR 3336	Robotics	3.0
ENGR 3340	Signals and Systems	3.0
ENGR 3344	Digital Signal Processing	3.0
ENGR 3130	Junior/Senior Seminar in Physics and Engineering	1.0
ENGR 4140	Electrical Machines	1.0
ENGR 4312	Engineering Communications	3.0
PHYS 4333	Electromagnetism	3.0
ENGR 4341	Electrical Power Systems	3.0
ENGR 4340	Wireless Communications	3.0
ENGR 4343	Computational Methods for Engineering	3.0
ENGR 4364	Fundamentals of Nanotechnology	3.0
ENGR 4446	Control Systems and Automation	4.0
ENGR 4344	Electrical Engineering Capstone	3.0
ENGR 4144	Electrical Engineering Capstone Laboratory	1.0

## ENGR/PHYS Electives

Complete 6hrs of ENGR/PHYS elective courses. Consult with academic advisor regarding options.

## Mathematics

Must take in order.

Item #	Title	Credits
MATH 1431	Calculus I	4.0
MATH 1432	Calculus II	4.0
MATH 2431	Calculus III	4.0
<b>Total Credits</b>		<b>96</b>

# Bachelor of Science: Engineering Physics

## Degree Type

Bachelor of Science

**Note: Students earning this degree will follow the 31-hour core curriculum for Engineering/Physics BS students.**

The Engineering Physics degree prepares students with a strong interest in both engineering and physics for a career in industry, either directly following their undergraduate studies or after additional graduate studies in engineering or physics. The degree encompasses both a rigorous course of study in physics as well as a strong foundation in an engineering core.

Students will be ideally prepared for a career either as a professional engineer in industry or a successful student and researcher pursuing an advanced degree, e.g., a Master's or PhD degree in Engineering or Physics. Many employers, especially in industrial research and development, value the combination of the unique problem-solving approach of physics and knowledge in engineering core classes.

*Students in the 3:2 Pre-Engineering program have the opportunity to switch after their second year of studies into the four year BS Engineering Physics program rather than continuing after their third year at UST for two additional years at a collaborating university.*

## ENGR/PHYS Coursework

Item #	Title	Credits
ENGR 1300	Introduction to Engineering	3.0
ENGR 1100	Intro to Engineering Lab	1.0
ENGR 1314	Fundamentals of Computer-Aided Design	3.0
ENGR 2100	Introduction to Engineering Design	1.0
PHYS 2333	University Physics I	3.0
PHYS 2111	University Physics I Laboratory	1.0
PHYS 2334	University Physics II	3.0
PHYS 2112	University Physics II Lab	1.0
PHYS 3337	Modern Physics	3.0
PHYS 3137	Modern Physics Laboratory	1.0
ENGR 3333	Electrical Circuits I	3.0
ENGR 3133	Electrical Circuits Lab	1.0
ENGR 3335	Thermodynamics	3.0
ENGR 3341	Statics	3.0
ENGR 3342	Dynamics	3.0
ENGR 3343	Mathematical Methods for Physics and Engineering	3.0
ENGR 3130	Junior/Senior Seminar in Physics and Engineering	1.0
ENGR 3138	Advanced Mechanical Lab I	1.0
PHYS 3339	Optics	3.0
PHYS 3139	Optics Laboratory	1.0
ENGR 4312	Engineering Communications	3.0
PHYS 4333	Electromagnetism	3.0
PHYS 4334	Quantum Mechanics	3.0
ENGR 4343	Computational Methods for Engineering	3.0
ENGR 4364	Fundamentals of Nanotechnology	3.0

## Engineering Capstone and Lab Requirement Option

Choose one of the following options:

- Mechanical Engineering Design
- Electrical Engineering
- Chemical Engineering

Item #	Title	Credits
ENGR 4320	Mechanical Engineering Design Capstone	3.0
ENGR 4120	Mechanical Engineering Design Capstone Laboratory	1.0
ENGR 4344	Electrical Engineering Capstone	3.0
ENGR 4144	Electrical Engineering Capstone Laboratory	1.0
ENGR 4356	Chemical Engineering Capstone	3.0
ENGR 4156	Chemical Engineering Capstone Laboratory	1.0

## ENGR/PHYS Electives

Complete 12hrs ENGR/PHYS elective hours. Consult with your Academic Advisor for options.

## Chemistry

Complete all of the following courses. Must take in order.

Item #	Title	Credits
CHEM 1341	General Chemistry I	3.0
CHEM 1141	General Chemistry I Laboratory	1.0
CHEM 1342	General Chemistry II	3.0
CHEM 1142	General Chemistry II Laboratory	1.0

## Mathematics

Complete all of the following courses. Must take in order.

Item #	Title	Credits
MATH 1431	Calculus I	4.0
MATH 1432	Calculus II	4.0
MATH 2431	Calculus III	4.0
	<b>Total Credits</b>	<b>93</b>

## Bachelor of Science: Mechanical Engineering

### Degree Type

Bachelor of Science

**Note: Students earning this degree will follow the 31-hour core curriculum for Engineering/Physics BS students.**

The Mechanical Engineering degree prepares students for a career in industry, either directly following their undergraduate studies or after additional graduate studies in engineering. The degree encompasses a rigorous course of study with a strong foundation in general engineering and other STEM subjects as well as specialized upper division classes in Mechanical Engineering. Early courses focus on the fundamentals of being a successful engineer such as complex problem solving, critical thinking, and self-driven learning. Upper division

courses further the students' knowledge with in-depth courses covering specialized topics in Mechanical Engineering, and unique electives allow the students to tailor the curriculum to their desired career goals. Due to the versatile nature of studies encompassing areas in fluid mechanics, control systems, and heat transfer, Mechanical Engineers are in high demand in industry, and employment opportunities range from the petrochemical and chemical industry to Aerospace.

## Major Coursework

Complete all of the following courses.

Item #	Title	Credits
ENGR 1300	Introduction to Engineering	3.0
ENGR 1100	Intro to Engineering Lab	1.0
ENGR 1314	Fundamentals of Computer-Aided Design	3.0
ENGR 2100	Introduction to Engineering Design	1.0
PHYS 2333	University Physics I	3.0
PHYS 2111	University Physics I Laboratory	1.0
PHYS 2334	University Physics II	3.0
PHYS 2112	University Physics II Lab	1.0
PHYS 3337	Modern Physics	3.0
PHYS 3137	Modern Physics Laboratory	1.0
ENGR 3341	Statics	3.0
ENGR 3342	Dynamics	3.0
ENGR 3343	Mathematical Methods for Physics and Engineering	3.0
ENGR 3333	Electrical Circuits I	3.0
ENGR 3133	Electrical Circuits Lab	1.0
ENGR 3335	Thermodynamics	3.0
ENGR 3130	Junior/Senior Seminar in Physics and Engineering	1.0
ENGR 3138	Advanced Mechanical Lab I	1.0
ENGR 3347	Strength of Materials	3.0
ENGR 3348	Fluids	3.0
ENGR 3305	Heat Transfer	3.0
ENGR 3306	Applications in Heat Transfer	3.0
ENGR 3310	Mechanical Elements	3.0
ENGR 4343	Computational Methods for Engineering	3.0
ENGR 4360	Properties of Materials	3.0
ENGR 4312	Engineering Communications	3.0
ENGR 4364	Fundamentals of Nanotechnology	3.0
ENGR 4305	Dynamic Systems and Controls	3.0
ENGR 4320	Mechanical Engineering Design Capstone	3.0
ENGR 4120	Mechanical Engineering Design Capstone Laboratory	1.0

## PHYS/ENGR Electives

Complete 6 PHYS/ENGR elective hours. Consult with Academic Advisor for options.

## Chemistry

Complete all of the following courses. Must take in order.

Item #	Title	Credits
CHEM 1341	General Chemistry I	3.0
CHEM 1141	General Chemistry I Laboratory	1.0
CHEM 1342	General Chemistry II	3.0
CHEM 1142	General Chemistry II Laboratory	1.0

## Mathematics

Complete all of the following courses. Must take in order.

Item #	Title	Credits
MATH 1431	Calculus I	4.0
MATH 1432	Calculus II	4.0
MATH 2431	Calculus III	4.0
	<b>Total Credits</b>	<b>98</b>

## Bachelor of Science: Physics

### Degree Type

Bachelor of Science

The BS Physics degree trains students in the fundamental natural science of Physics. It prepares students either for a professional career directly following their undergraduate studies, or for additional graduate studies. Besides graduate studies in physics those studies can be in a variety of technical fields such as engineering, medicine, and finance. As the “primary natural science” physics underlies each of the STEM branches, meaning a successful physics major inherits key components from every STEM discipline. Graduates of the BS physics curriculum will have mastered a combination of a challenging skill set valued by our modern economy: technical problem solving, mathematical reasoning, computer programming and modeling, hands-on laboratory and design skills, and understanding of specialized equipment.

Admission to all PHYS courses with prerequisites require a “C” or better in those prerequisites

## Physics Required Coursework

Item #	Title	Credits
ENGR 1300	Introduction to Engineering	3.0
ENGR 1100	Intro to Engineering Lab	1.0
PHYS 2333	University Physics I	3.0
PHYS 2111	University Physics I Laboratory	1.0
PHYS 2334	University Physics II	3.0
PHYS 2112	University Physics II Lab	1.0
PHYS 3337	Modern Physics	3.0
PHYS 3137	Modern Physics Laboratory	1.0
PHYS 3338	Classical Mechanics	3.0
PHYS 3333	Electrical Circuits I	3.0
PHYS 3133	Electrical Circuits Lab	1.0
PHYS 3343	Mathematical Methods for Physics and Engineering	3.0
PHYS 3335	Thermodynamics	3.0
PHYS 3130	Junior/Senior Seminar in Physics and Engineering	1.0
PHYS 3138	Advanced Laboratory	1.0
PHYS 3339	Optics	3.0
PHYS 3139	Optics Laboratory	1.0
PHYS 4343	Computational Methods for Engineering	3.0
PHYS 4364	Fundamentals of Nanotechnology	3.0
PHYS 4333	Electromagnetism	3.0
PHYS 4334	Quantum Mechanics	3.0
PHYS 4150	Laboratory Research Methods in Physics and Engineering	1.0

## Physics Electives

Complete 12 ENGR/PHYS elective hours for your Physics concentration. Consult with academic advisor regarding options.

## Chemistry

Complete all of the following courses. Must take in order.

Item #	Title	Credits
CHEM 1341	General Chemistry I	3.0
CHEM 1141	General Chemistry I Laboratory	1.0
CHEM 1342	General Chemistry II	3.0
CHEM 1142	General Chemistry II Laboratory	1.0

## Mathematics

Complete all of the following courses. Must take in order.

Item #	Title	Credits
MATH 1431	Calculus I	4.0
MATH 1432	Calculus II	4.0
MATH 2431	Calculus III	4.0

## STEM Electives

Complete 9 elective hours in STEM disciplines which complement a student's concentration. Must be done with consultation and approval of academic advisor in the Department of Physics and Engineering.

**Total Credits**

**89**

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## Biochemistry

### Degree Type

Bachelor of Science

Biochemistry focuses on addressing biological questions through the application of chemical principles and techniques. The biochemistry major reflects the chemical theories and approaches that are central to increasing our understanding of biological phenomena. The field of biochemistry is becoming a very complex and wide ranging discipline concomitant with advances in both biology and chemistry. Students will be exposed to the breadth of biochemistry through their courses and research experiences.

This program is designed to give students a strong chemistry and biology background in both the theory and practice of biochemistry. Students from this program will be ready for graduate school, professional school, or employment.

Admission to courses beyond CHEM 1341 requires a "C" or better in their prerequisites at the University of St. Thomas or their equivalents at another appropriately accredited institution. The decision on the adequacy of an equivalent rests with the department chair.

The Bachelor of Science (BS) degrees in Chemistry and Biochemistry have been accredited by the American Chemical Society (ACS) Committee on Professional Training.

## Chemistry Foundation Courses

Complete all of the following courses.

Item #	Title	Credits
CHEM 1341	General Chemistry I	3.0
CHEM 1141	General Chemistry I Laboratory	1.0
CHEM 1342	General Chemistry II	3.0
CHEM 1142	General Chemistry II Laboratory	1.0
CHEM 2343	Organic Chemistry I	3.0
CHEM 2143	Organic Chemistry I Laboratory	1.0
CHEM 3333	Organic Chemistry II	3.0
CHEM 3133	Organic Chemistry II Laboratory	1.0
CHEM 3334	Biochemistry	3.0
CHEM 3134	Biochemistry Laboratory	1.0
CHEM 3343	Analytical Chemistry	3.0
CHEM 3143	Analytical Chemistry Laboratory	1.0
CHEM 4332	Inorganic Chemistry	3.0
CHEM 4132	Inorganic Chemistry Laboratory	1.0
CHEM 4362	Physical Chemistry II	3.0
CHEM 4162	Reaction Kinetics	1.0
CHEM 4112	Scientific Communication	1.0
CHEM 4150	Laboratory Research Methods	1.0
CHEM 4151	Senior Thesis	1.0
CHEM 4334	Advanced Biochemistry	3.0

## Chemistry Elective Option

Complete either CHEM 4344 OR CHEM 4331/4131.

Item #	Title	Credits
CHEM 4344	Advanced Analytical Techniques	3.0
CHEM 4331	Advanced Organic Chemistry	3.0
CHEM 4131	Advanced Organic Chemistry Laboratory	1.0

## Biology

Must take in order.

Item #	Title	Credits
BIOL 1351	Introduction to Population Biology and Evolution	3.0
BIOL 1151	Introduction to Biology Practicum	1.0
BIOL 1352	Introduction to Cell and Molecular Biology	3.0
BIOL 1152	Basic Lab Techniques in Biology	1.0
BIOL 3321	Genetics	3.0
BIOL 3351	Molecular Biology	3.0



## Mathematics

Must take in order.

Item #	Title	Credits
MATH 1431	Calculus I	4.0
MATH 1432	Calculus II	4.0

## Physics

Choose **one** sequence of courses

Item #	Title	Credits
	University Physics I & II w/ Labs	
	General Physics I & II w/ lab	
	<b>Total Credits</b>	<b>71-72</b>

## Biology

### Degree Type

Bachelor of Arts

Prerequisites: A grade of "C" or better in BIOL 1351, 1151, 1352, and 1152 and CHEM 1341, 1141, 1342, and 1142 are prerequisites for all other biology courses. No biology course may be taken unless all prerequisites have been completed with a grade of "C" or better. Advanced placement credit or credit by examination may not be used as prerequisites for upper-division biology courses.

Biology courses may only be taken a maximum of three (3) times.

Foreign language (6 credit hours) study is required for the Bachelor of Arts degree and strongly recommended for the Bachelor of Science degree.

Students graduating with a degree in Biology, Cell and Molecular Biology or Computational Biology must have a minimum GPA of 2.00 in biology courses.

**\*\*Note: All biology students must complete a Major Field Test prior to graduation\*\***

## Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.

### Biology

Item #	Title	Credits
BIOL 1351	Introduction to Population Biology and Evolution	3.0
BIOL 1151	Introduction to Biology Practicum	1.0
BIOL 1352	Introduction to Cell and Molecular Biology	3.0
BIOL 1152	Basic Lab Techniques in Biology	1.0
BIOL 3321	Genetics	3.0
BIOL 3331	Ecology	3.0
BIOL 3334	Biochemistry	3.0
BIOL 4332	Evolution	3.0

## Additional Upper Division Biology Courses

Choose four lecture courses and 3 lab courses. For 3 HR courses with 1 HR lab it is recommended to take them together. 4 HR courses include the lecture and the lab. \*

Item #	Title	Credits
BIOL 3345	Physiology	3.0
BIOL 3333	Microbiology	3.0
BIOL 3339	Neuroscience	3.0
BIOL 3331	Ecology	3.0
BIOL 3341	Marine Biology	3.0
BIOL 3351	Molecular Biology	3.0
BIOL 3362	Cancer Biology	3.0
BIOL 4321	Nucleic Acids	3.0
BIOL 4336	Cells, Genes and Molecules	3.0
BIOL 4354	Pathogenic Microbiology	3.0
BIOL 3448	Comparative Anatomy	4.0
BIOL 3461	Cell Biology	4.0
BIOL 4449	Immunology	4.0
BIOL 3121	Genetics and Molecular Biology Laboratory	1.0
BIOL 3133	Microbiology Laboratory	1.0
BIOL 3134	Biochemistry Lab	1.0
BIOL 3151	Advanced Molecular Biology Laboratory	1.0
BIOL 4154	Pathogenic Microbiology Laboratory	1.0

## Chemistry

Must take in order:

Item #	Title	Credits
CHEM 1341	General Chemistry I	3.0
CHEM 1141	General Chemistry I Laboratory	1.0
CHEM 1342	General Chemistry II	3.0
CHEM 1142	General Chemistry II Laboratory	1.0
CHEM 2343	Organic Chemistry I	3.0
CHEM 2143	Organic Chemistry I Laboratory	1.0

## Physics

Choose **one pair** of the following:

Item #	Title	Credits
PHYS 1331	General Physics I	3.0
PHYS 1111	General Physics I Laboratory	1.0
PHYS 2333	University Physics I	3.0
PHYS 2111	University Physics I Laboratory	1.0

## Mathematics

Choose **one** of the following:

Item #	Title	Credits
MATH 1431	Calculus I	4.0
MATH 3450	Biostatistics I	4.0
<b>Total Credits</b>		<b>55</b>

## Biology

### Degree Type

Bachelor of Science

The BS degree emphasizes research and laboratory experience and requires additional courses in biology. All BS students will complete a laboratory or field project under the direction of a faculty member in the Biology Department. BS students will also complete BIOL 3194, 4194 and 4195, for which they will prepare a scientific research article describing their research.

**\*\*Note:** All biology students must complete a Major Field Test prior to graduation\*\*

## Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.

## Biology

Item #	Title	Credits
BIOL 1351	Introduction to Population Biology and Evolution	3.0
BIOL 1151	Introduction to Biology Practicum	1.0
BIOL 1352	Introduction to Cell and Molecular Biology	3.0
BIOL 1152	Basic Lab Techiques in Biology	1.0
BIOL 3321	Genetics	3.0
BIOL 3121	Genetics and Molecular Biology Laboratory	1.0
	BIOL 3331 or BIOL 3341	
BIOL 3334	Biochemistry	3.0
BIOL 4332	Evolution	3.0

## Biology Research Methods

Item #	Title	Credits
BIOL 4194	Guided Biological Research	1.0
BIOL 4195	Biology Senior Thesis	1.0

## Additional Upper Division Biology Courses

Choose six lecture courses and 4 lab courses. For 3 HR courses with 1 HR lab it is recommended to take them together. 4 HR courses include the lecture and the lab.

Item #	Title	Credits
BIOL 3331	Ecology	3.0
BIOL 3345	Physiology	3.0
BIOL 3333	Microbiology	3.0
BIOL 3339	Neuroscience	3.0
BIOL 3341	Marine Biology	3.0
BIOL 3351	Molecular Biology	3.0
BIOL 3362	Cancer Biology	3.0
BIOL 4321	Nucleic Acids	3.0
BIOL 4336	Cells, Genes and Molecules	3.0
BIOL 4354	Pathogenic Microbiology	3.0
BIOL 3448	Comparative Anatomy	4.0
BIOL 3461	Cell Biology	4.0
BIOL 3061	Cell Biology Lab	0.0-0
BIOL 4449	Immunology	4.0
BIOL 3121	Genetics and Molecular Biology Laboratory	1.0
BIOL 3133	Microbiology Laboratory	1.0
BIOL 3134	Biochemistry Lab	1.0
BIOL 3151	Advanced Molecular Biology Laboratory	1.0
BIOL 4154	Pathogenic Microbiology Laboratory	1.0
BIOL 3435	Human Anatomy and Lab	4.0

## Chemistry

Must take in order:

Item #	Title	Credits
CHEM 1341	General Chemistry I	3.0
CHEM 1141	General Chemistry I Laboratory	1.0
CHEM 1342	General Chemistry II	3.0
CHEM 1142	General Chemistry II Laboratory	1.0
CHEM 2343	Organic Chemistry I	3.0
CHEM 2143	Organic Chemistry I Laboratory	1.0

## Physics

Choose one pair of the following:

Item #	Title	Credits
PHYS 1331	General Physics I	3.0
PHYS 1111	General Physics I Laboratory	1.0
PHYS 2333	University Physics I	3.0
PHYS 2111	University Physics I Laboratory	1.0

## Mathematics

Choose one of the following:

Item #	Title	Credits
MATH 1431	Calculus I	4.0
MATH 3450	Biostatistics I	4.0
<b>Total Credits</b>		<b>66</b>

## Biology

### Degree Type

Minor

The minor program allows students majoring in other disciplines to develop a more comprehensive understanding of biology than they would achieve from taking only one or two courses. Students pursuing a minor in biology must complete all prerequisites and BIOL 1351,1151,1352,1152 with a grade of "C" or better before taking other biology courses.

### Chemistry Pre-Requisites

Not included in minor.

Item #	Title	Credits
CHEM 1341	General Chemistry I	3.0
CHEM 1141	General Chemistry I Laboratory	1.0
CHEM 1342	General Chemistry II	3.0
CHEM 1142	General Chemistry II Laboratory	1.0

### Required for all Biology Minors

Item #	Title	Credits
BIOL 1351	Introduction to Population Biology and Evolution	3.0
BIOL 1151	Introduction to Biology Practicum	1.0
BIOL 1352	Introduction to Cell and Molecular Biology	3.0
BIOL 1152	Basic Lab Techniques in Biology	1.0
BIOL 3321	Genetics	3.0

### Biology Electives

Choose 10 credit hours of upper-division (3000/4000-level) Biology courses.

<b>Total Credits</b>		<b>21</b>
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## Catholic Social Thought

### Degree Type

Minor

### Core Course Requirements

Complete all of the following courses.

Item #	Title	Credits
HIST 3320	Modern Catholic Social Thought	3.0
PHIL 3340	Philosophy Politics, and Economics	3.0

### Elective Course Requirements

Complete three of the following courses. Additional elective course options are subject to CST Director approval.

Item #	Title	Credits
THEO 4334	Social Justice and the Church	3.0
HIST 3306	Medicine and Society	3.0
HIST 4328	History of the Family	3.0
POSC 3300	Methods in Social Research	3.0
<b>Total Credits</b>		<b>15</b>

## Cell and Molecular Biology

### Degree Type

Bachelor of Science

The BS in Cell and Molecular Biology degree offers a curriculum concentrated in the areas of genetics, cell, and molecular biology. It emphasizes critical evaluation of scientific data, performance of sound experiments and tools for effective communication both orally and in writing. All CMB-BS students will complete a minimum of 11 laboratories and spend at least 100 hours working on an independent research project outside class under the supervision of a biology professor. Graduates of this major will be prepared to enter graduate school in biomedical research, health-related professional school, or work in careers related to the biotechnology industry.

\*\*Note: All biology students must complete a Major Field Test prior to graduation. \*\*

## Biology

Complete all of the following courses.

Item #	Title	Credits
BIOL 1351	Introduction to Population Biology and Evolution	3.0
BIOL 1151	Introduction to Biology Practicum	1.0
BIOL 1352	Introduction to Cell and Molecular Biology	3.0
BIOL 1152	Basic Lab Techniques in Biology	1.0
BIOL 3321	Genetics	3.0
BIOL 3121	Genetics and Molecular Biology Laboratory	1.0
BIOL 3333	Microbiology	3.0
BIOL 3133	Microbiology Laboratory	1.0
BIOL 3351	Molecular Biology	3.0
BIOL 3151	Advanced Molecular Biology Laboratory	1.0
BIOL 3461	Cell Biology	4.0
BIOL 4332	Evolution	3.0
BIOL 4336	Cells, Genes and Molecules	3.0

## Biology Research Methods

Complete all of the following courses.

Item #	Title	Credits
BIOL 3194	Introduction to Biological Research	1.0
BIOL 4194	Guided Biological Research	1.0
BIOL 4195	Biology Senior Thesis	1.0

## Chemistry

Complete all of the following courses in order.

Item #	Title	Credits
CHEM 1341	General Chemistry I	3.0
CHEM 1141	General Chemistry I Laboratory	1.0
CHEM 1342	General Chemistry II	3.0
CHEM 1142	General Chemistry II Laboratory	1.0
CHEM 2343	Organic Chemistry I	3.0
CHEM 2143	Organic Chemistry I Laboratory	1.0
CHEM 3333	Organic Chemistry II	3.0
CHEM 3133	Organic Chemistry II Laboratory	1.0
CHEM 3334	Biochemistry	3.0
CHEM 3134	Biochemistry Laboratory	1.0
CHEM 4334	Advanced Biochemistry	3.0

## Physics

Choose one pair of the following courses.

Item #	Title	Credits
	General Physics I & II w/ lab	
	University Physics I & II w/ Labs	



## Mathematics

Complete the following course.

Item #	Title	Credits
MATH 3450	Biostatistics I	4.0

## Science Electives

Complete 12hrs of any of the following courses.

Item #	Title	Credits
BIOL 2445	Human Anatomy and Physiology I	4.0
BIOL 2446	Human Anatomy and Physiology II	4.0
BIOL 3339	Neuroscience	3.0
BIOL 3362	Cancer Biology	3.0
BIOL 3345	Physiology	3.0
BIOL 3448	Comparative Anatomy	4.0
BIOL 4321	Nucleic Acids	3.0
BIOL 4449	Immunology	4.0
CHEM 3343	Analytical Chemistry	3.0
CHEM 3143	Analytical Chemistry Laboratory	1.0
CHEM 4331	Advanced Organic Chemistry	3.0
CHEM 4131	Advanced Organic Chemistry Laboratory	1.0
CHEM 4332	Inorganic Chemistry	3.0
CHEM 4132	Inorganic Chemistry Laboratory	1.0
PHYS 1332	General Physics II	3.0
PHYS 1112	General Physics II Laboratory	1.0
PHYS 2334	University Physics II	3.0
PHYS 2112	University Physics II Lab	1.0
	<b>Total Credits</b>	<b>76</b>

## Chemistry

### Degree Type

Minor

The minor program allows students majoring in other disciplines to develop a more comprehensive understanding of chemistry than they would achieve from taking only one or two courses. Students pursuing a minor in chemistry must complete all prerequisites with a "C" or better before taking other chemistry courses.

## Required Chemistry

Item #	Title	Credits
CHEM 1341	General Chemistry I	3.0
CHEM 1141	General Chemistry I Laboratory	1.0
CHEM 1342	General Chemistry II	3.0
CHEM 1142	General Chemistry II Laboratory	1.0
CHEM 2343	Organic Chemistry I	3.0
CHEM 2143	Organic Chemistry I Laboratory	1.0
CHEM 3333	Organic Chemistry II	3.0
CHEM 3133	Organic Chemistry II Laboratory	1.0

## Chemistry Electives

Choose 8 credit hours of upper division (3000/4000-level) chemistry.

Item #	Title	Credits
CHEM 3334	Biochemistry	3.0
CHEM 3134	Biochemistry Laboratory	1.0
CHEM 3343	Analytical Chemistry	3.0
CHEM 3143	Analytical Chemistry Laboratory	1.0
CHEM 4331	Advanced Organic Chemistry	3.0
CHEM 4131	Advanced Organic Chemistry Laboratory	1.0
CHEM 4332	Inorganic Chemistry	3.0
CHEM 4132	Inorganic Chemistry Laboratory	1.0
CHEM 4362	Physical Chemistry II	3.0
CHEM 4162	Reaction Kinetics	1.0
	<b>Total Credits</b>	<b>24</b>

## Chemistry

### Degree Type

Bachelor of Arts

## Chemistry

Item #	Title	Credits
CHEM 1341	General Chemistry I	3.0
CHEM 1141	General Chemistry I Laboratory	1.0
CHEM 1342	General Chemistry II	3.0
CHEM 1142	General Chemistry II Laboratory	1.0
CHEM 2343	Organic Chemistry I	3.0
CHEM 2143	Organic Chemistry I Laboratory	1.0
CHEM 3333	Organic Chemistry II	3.0
CHEM 3133	Organic Chemistry II Laboratory	1.0
CHEM 3334	Biochemistry	3.0
CHEM 3134	Biochemistry Laboratory	1.0
CHEM 3343	Analytical Chemistry	3.0
CHEM 3143	Analytical Chemistry Laboratory	1.0
CHEM 4331	Advanced Organic Chemistry	3.0
CHEM 4131	Advanced Organic Chemistry Laboratory	1.0
CHEM 4332	Inorganic Chemistry	3.0
CHEM 4132	Inorganic Chemistry Laboratory	1.0
CHEM 4362	Physical Chemistry II	3.0
CHEM 4162	Reaction Kinetics	1.0
CHEM 4112	Scientific Communication	1.0

## Mathematics

Must take in order.

Item #	Title	Credits
MATH 1431	Calculus I	4.0
MATH 1432	Calculus II	4.0

## Physics

Complete one sequence of Physics courses:

Item #	Title	Credits
	General Physics I & II w/ lab	
	University Physics I & II w/ Labs	
	<b>Total Credits</b>	<b>53</b>

## Chemistry

### Degree Type

Bachelor of Science

## Chemistry

Item #	Title	Credits
CHEM 1341	General Chemistry I	3.0
CHEM 1141	General Chemistry I Laboratory	1.0
CHEM 1342	General Chemistry II	3.0
CHEM 1142	General Chemistry II Laboratory	1.0
CHEM 2343	Organic Chemistry I	3.0
CHEM 2143	Organic Chemistry I Laboratory	1.0
CHEM 3333	Organic Chemistry II	3.0
CHEM 3133	Organic Chemistry II Laboratory	1.0
CHEM 3334	Biochemistry	3.0
CHEM 3134	Biochemistry Laboratory	1.0
CHEM 3343	Analytical Chemistry	3.0
CHEM 3143	Analytical Chemistry Laboratory	1.0
CHEM 4331	Advanced Organic Chemistry	3.0
CHEM 4131	Advanced Organic Chemistry Laboratory	1.0
CHEM 4332	Inorganic Chemistry	3.0
CHEM 4132	Inorganic Chemistry Laboratory	1.0
CHEM 4112	Scientific Communication	1.0
CHEM 4150	Laboratory Research Methods	1.0
CHEM 4151	Senior Thesis	1.0
CHEM 4362	Physical Chemistry II	3.0
CHEM 4162	Reaction Kinetics	1.0

## Additional Chemistry

Complete one of the following courses.

Item #	Title	Credits
CHEM 4334	Advanced Biochemistry	3.0
CHEM 4344	Advanced Analytical Techniques	3.0
CHEM 4354	Environmental Chemistry	3.0
CHEM 4364	Materials Science	3.0

## Mathematics

Must take in order.

Item #	Title	Credits
MATH 1431	Calculus I	4.0
MATH 1432	Calculus II	4.0
MATH 2343	Differential Equations I	3.0

## Physics

Choose one pair of courses

Item #	Title	Credits
	General Physics I & II w/ lab	
	University Physics I & II w/ Labs	
	<b>Total Credits</b>	<b>64</b>

## Classical Languages

### Degree Type

Minor

Students may add a minor in Classical Languages to any UST major program. The requirements for the minor are listed below. Each minor must include at least 9 credit hours of upper-division credit.

### Required LANGUAGE STUDY (9-12 credit hours)

**Choose the Latin or Greek track. Complete all 3 courses from the following (9 credit hours)**

#### Latin Track

- CLASS XXX -- any Latin course 2000 level or higher

Item #	Title	Credits
CLASS 1331	Introduction to Latin I	3.0
CLASS 1332	Introduction to Latin II	3.0

#### Greek Track

- CLASS XXX -- Any Greek course 2000 level or higher

Item #	Title	Credits
CLASS 1341	Introduction to Classical Greek I	3.0
CLASS 1342	Introduction to Classical Greek II	3.0

Or, choose the Latin and Greek language track and choose all 4 courses from the following (12 credit hours):

Item #	Title	Credits
CLASS 1331	Introduction to Latin I	3.0
CLASS 1332	Introduction to Latin II	3.0
CLASS 1341	Introduction to Classical Greek I	3.0
CLASS 1342	Introduction to Classical Greek II	3.0

### Interdisciplinary Context Courses

Choose 2 courses from the following:

- Any upper division (3000/4000-level) course in the Classics department (CLASS)

Item #	Title	Credits
CLASS 4320	Greek Mythology: Literature and the Evolution of Myth	3.0
CLASS 4321	Greek Tragedy	3.0
ARTHS 3361	Art of Greece and Rome	3.0
ARTHS 3362	Roman Art	3.0
ARTHS 4345	Iconography of Christian Art (I and II)	3.0
PHIL 4354	Philosophy of Saint Augustine	3.0
PHIL 3315	Ancient Philosophy	3.0
THEO 4347	Fathers of the Church	3.0
	<b>Total Credits</b>	<b>15-18</b>

## Communication

### Degree Type

Minor

### Communications Core Requirement

Complete the following course.

Item #	Title	Credits
COMM 1331	Public Speaking	3.0

### Communications Core Option

Complete one of the following courses.

Item #	Title	Credits
COMM 2310	Communication and the Liberal Arts	3.0
COMM 3310	Media, Society, and Technology	3.0

### Communications Electives

Nine (9) credit hours of communications electives at the 3000/4000 level.

<b>Total Credits</b>	<b>15</b>
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## Communication

### Degree Type

Bachelor of Arts

### Required for all communications majors:

Complete all of the following courses.

Item #	Title	Credits
COMM 1331	Public Speaking	3.0
COMM 1312	Pathways in Communication	3.0
COMM 2310	Communication and the Liberal Arts	3.0
COMM 3363	Beginning Digital Media	3.0
COMM 3310	Media, Society, and Technology	3.0
COMM 3350	Interpersonal Communication	3.0

### Communication Option

Complete one of the following courses.

Item #	Title	Credits
COMM 4361	Project-Based Practicum in Communication	3.0
COMM 4391	Internship in Communication	3.0
COMM 4399	Senior Thesis	3.0

## Communication Electives

Choose an additional 12hrs of 3000/4000-level communication courses.

**Total Credits**

**33**

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## Computational Biology

### Degree Type

Bachelor of Science

Computational Biology is an interdisciplinary field that uses mathematics, bioinformatics and computational applications to analyze and store the vast amounts of information. Computational biology spans a wide range of fields within biology including genomics/genetics, cell biology, biophysics, proteomics and evolution. In a unique combination, the major, housed in the Biology Department, comprises a concentration of courses in biology (BIOL), chemistry (CHEM), mathematics (MATH), computer science (COMSC), and physics (PHYS). Majors will become solidly grounded in the biologically relevant areas of genetics, molecular, and cell biology, and will be trained in both the theoretical and practical aspects behind data manipulation. Graduates will be prepared to enter professional or graduate school in bioinformatics or for entry-level positions in biotechnology firms, genome projects, or the pharmaceutical industry.

**\*\*Note:** All biology students must complete a Major Field Test prior to graduation. **\*\***

## Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.

## Biology

Complete all of the listed courses and any 3000 or 4000 level biology course not already included in this plan.

Item #	Title	Credits
BIOL 1351	Introduction to Population Biology and Evolution	3.0
BIOL 1151	Introduction to Biology Practicum	1.0
BIOL 1352	Introduction to Cell and Molecular Biology	3.0
BIOL 1152	Basic Lab Techiques in Biology	1.0
BIOL 3321	Genetics	3.0
BIOL 3121	Genetics and Molecular Biology Laboratory	1.0
BIOL 3351	Molecular Biology	3.0
BIOL 3151	Advanced Molecular Biology Laboratory	1.0
BIOL 3461	Cell Biology	4.0
BIOL 4332	Evolution	3.0

## Computational Biology

Item #	Title	Credits
BIOL 3163	Introduction to Computational Biology Internship	1.0
BIOL 3363	Computational Biology Internship	3.0

## Chemistry

Must take in order:

Item #	Title	Credits
CHEM 1341	General Chemistry I	3.0
CHEM 1141	General Chemistry I Laboratory	1.0
CHEM 1342	General Chemistry II	3.0
CHEM 1142	General Chemistry II Laboratory	1.0
CHEM 2343	Organic Chemistry I	3.0
CHEM 2143	Organic Chemistry I Laboratory	1.0

## Mathematics

Item #	Title	Credits
MATH 1431	Calculus I	4.0
MATH 1432	Calculus II	4.0
MATH 3360	Discrete Mathematics	3.0
MATH 3450	Biostatistics I	4.0

## Computer Science

COMSC 1451 may be replaced with COMSC 1351 depending on when the course is taken.

Item #	Title	Credits
COMSC 1450	Introduction to Programming and Computer Science	4.0
COMSC 1451	Object Oriented Programming	4.0
COMSC 2351	Data Structures	3.0
COMSC 3375	Database Systems	3.0



## Physics

Choose one of the following pairs:

Item #	Title	Credits
PHYS 1331	General Physics I	3.0
PHYS 1111	General Physics I Laboratory	1.0
PHYS 2333	University Physics I	3.0
PHYS 2111	University Physics I Laboratory	1.0
<b>Total Credits</b>		<b>74-76</b>

## Computer Science

### Degree Type

Minor

The minor in computer science allows students majoring in other disciplines to develop a solid foundation in computer science.

### Computer Science Required

Complete all of the following courses.

Item #	Title	Credits
COMSC 1450	Introduction to Programming and Computer Science	4.0
COMSC 1451	Object Oriented Programming	4.0
COMSC 2351	Data Structures	3.0
COMSC 3365	Organization of Computer Programming Languages	3.0
COMSC 3375	Database Systems	3.0

### Computer Science Elective

Complete one of the following courses.

Item #	Title	Credits
COMSC 3365	Organization of Computer Programming Languages	3.0
COMSC 3385	Computer Architecture	3.0

## Mathematics Required

Complete the following course.

Item #	Title	Credits
MATH 3334	Linear Algebra I	3.0

### Mathematics Pre-Requisites

*These are only prerequisites and are not included in the minor.*

Item #	Title	Credits
MATH 1431	Calculus I	4.0
MATH 1432	Calculus II	4.0
<b>Total Credits</b>		<b>23</b>

## Computer Science

### Degree Type

Bachelor of Science

The Bachelor of Science in Computer Science program emphasizes a comprehensive foundation in computer science through 32 credit hours of specialized coursework. These courses cover essential topics including programming, data structures, computer organization, database systems, operating systems, and networks. The curriculum culminates in a capstone System Development Project, preparing students for real-world application of their skills in software development and computer systems.

### Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.

### Computer Science

Item #	Title	Credits
COMSC 1450	Introduction to Programming and Computer Science	4.0
COMSC 1451	Object Oriented Programming	4.0
COMSC 2351	Data Structures	3.0
COMSC 3365	Organization of Computer Programming Languages	3.0
COMSC 3375	Database Systems	3.0
COMSC 3385	Computer Architecture	3.0
COMSC 4101	Computer Science Seminar	1.0
COMSC 4320	Operating Systems	3.0
COMSC 4340	Computer Networks	3.0
COMSC 4345	Foundations of Data Science	3.0
COMSC 4350	System Development Project	3.0

## Computer Science Electives

Complete six hours of the following courses:

Item #	Title	Credits
COMSC 3371	Introduction to Data Analytics	3.0
COMSC 3372	Data Visualization	3.0
GCSE 4301	Governing the Digital Ecosystem – Technology and Geopolitics	3.0
GCSE 4379	Cyber Warfare	3.0
COMSC 4393	Special Projects with Department Chair Approval	3.0

## Mathematics

Item #	Title	Credits
MATH 1431	Calculus I	4.0
MATH 1432	Calculus II	4.0
MATH 2431	Calculus III	4.0
MATH 3334	Linear Algebra I	3.0
MATH 3335	A First Course in Probability	3.0
MATH 3360	Discrete Mathematics	3.0
MATH 3450	Biostatistics I	4.0

## Lab Science Course Requirement

Complete at least one lecture/lab in an approved science area (BIOL, CHEM, PHYS).

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<b>Total Credits</b>	<b>68</b>
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## Core Curriculum: 0-14 Credits of Transfer

### Degree Type

Bachelor's Core Curriculum

This core sequence is for students who have transfer credit and Credit by Examination totaling 0-14 credit hours based on first semester enrolling at UST. Transfer Courses/test credit do not substitute for courses in the core, instead they determine which core pathway a student is taking, count towards the overall credits necessary to graduate and may count for specific courses in a major or minor. Enrollment begins with courses in section 1, but a student may start courses in section 2 or 3 as long as at least one course in section 1 is enrolled. Specific pre-requisites are listed next to the courses.

## Foundations

Should be completed during the first year at UST.

Item #	Title	Credits
LS 1301	Foundations of Liberal Learning	3.0
HISTC 1301	History of Western Culture and Ideas	3.0
PHILC 1301	Philosophy of Nature and the Human Person	3.0
THEOC 1301	Faith, Reason, and Revelation	3.0

## The Humanities in Western Civilization

Should be completed by the end of the third year at UST. May be started during the first year.

Item #	Title	Credits
ENGLC 1301	The Classical Tradition	3.0
ENGLC 1302	Middle Ages and Renaissance	3.0
ENGLC 2301	Modern World and American Expressions	3.0
PHILC 2301	Ethics	3.0
POSCC 2301	Politics and Society	3.0

## The Order and Unity of the World

Should be completed by the end of the third year at UST.

Item #	Title	Credits
MATHC 2301	Quadrivium: The Mathematical Arts	3.0
LS 2301	History and Philosophy of Science	3.0
PHILC 3301	Metaphysics	3.0
ARTSC 3301	Art and Contemplation	3.0

## Life of the Mind Above Reason

Should be completed by the end of the fourth year at UST.

Item #	Title	Credits
THEOC 2301	Scripture and Salvation History	3.0
THEOC 3301	The Return to God	3.0
<b>Total Credits</b>		<b>45</b>

## Core Curriculum: 15-29 Credits of Transfer

### Degree Type

Bachelor's Core Curriculum

This core sequence is for students who have transfer credit and Credit by Examination totaling 15-29 credit hours based on first semester enrolling at UST.

Dual/transfer courses/test credits determine which core pathway the student should complete, count towards the overall credits necessary to graduate, and may count for specific courses in a major, minor, or pre-professional program. Transferred courses cannot substitute for core requirements established in a student's core pathway. However, incoming transfer students may apply one previously completed math/natural science course and one previously completed social/behavioral sciences course to satisfy core requirements.

Every student is required to complete at least 30 hours of core coursework, which must include one course from each of the following categories: humanities/fine arts, math/natural science, and social/behavioral sciences. Students should consult with an advisor to ensure core requirements are satisfied.

Enrollment begins with courses in section 1, but a student may start courses in section 2 or 3 as long as at least one course in section 1 is enrolled. Specific prerequisites are listed next to the courses.

## Requirements for Transfers w/o Natural Science/Math and/or Social/Behavioral Sciences

Students whose transfer credit or degree plan (major or minor) does not include at least three credits of Natural Science/Mathematics and/or Social/Behavioral Sciences are also required to take MATHC 2301 and POSCC 2301, respectively.

Item #	Title	Credits
MATHC 2301	Quadrivium: The Mathematical Arts	3.0
POSCC 2301	Politics and Society	3.0

## Foundations

Should be completed during the first year at UST.

Item #	Title	Credits
LS 1301	Foundations of Liberal Learning	3.0
HISTC 1301	History of Western Culture and Ideas	3.0
PHILC 1301	Philosophy of Nature and the Human Person	3.0
THEOC 1301	Faith, Reason, and Revelation	3.0

## The Humanities in Western Civilization

Should be completed by the end of the third year at UST. May be started during the first year.

Item #	Title	Credits
ENGLC 1301	The Classical Tradition	3.0
ENGLC 1302	Middle Ages and Renaissance	3.0
PHILC 2301	Ethics	3.0

## The Order and Unity of the World

Should be completed by the end of the third year at UST.

Item #	Title	Credits
LS 2301	History and Philosophy of Science	3.0
PHILC 3301	Metaphysics	3.0

## Life of the Mind Above Reason

Should be completed by the end of the fourth year at UST.

Item #	Title	Credits
THEOC 2301	Scripture and Salvation History	3.0
<b>Total Credits</b>		<b>36</b>

## Core Curriculum: 30-59 Credits of Transfer

### Degree Type

Bachelor's Core Curriculum

This core sequence is for students who have transfer credit and Credit by Examination totaling 30-59 credit hours based on first semester enrolling at UST.

Dual/transfer courses/test credits determine which core pathway the student should complete, count towards the overall credits necessary to graduate, and may count for specific courses in a major, minor, or pre-professional program. Transferred courses cannot substitute for core requirements established in a student's core pathway. However, incoming transfer students may apply one previously completed math/natural science course and one previously completed social/behavioral sciences course to satisfy core requirements.

Every student is required to complete at least 30 hours of core coursework, which must include one course from each of the following categories: humanities/fine arts, math/natural science, and social/behavioral sciences. Students should consult with an advisor to ensure core requirements are satisfied.

Enrollment begins with courses in section 1, but a student may start courses in section 2 or 3 as long as at least one course in section 1 is enrolled. Specific prerequisites are listed next to the courses.

## Requirements for Transfers w/o Natural Science/Math and/or Social/Behavioral Sciences

Students whose transfer credit or degree plan (major or minor) does not include at least three credits of Natural Science/Mathematics and/or Social/Behavioral Sciences are also required to take MATHC 2301 and POSCC 2301, respectively.

Item #	Title	Credits
MATHC 2301	Quadrivium: The Mathematical Arts	3.0
POSCC 2301	Politics and Society	3.0

## Foundations

Should be completed during the first year at UST.

Item #	Title	Credits
LS 1301	Foundations of Liberal Learning	3.0
HISTC 1301	History of Western Culture and Ideas	3.0
PHILC 1301	Philosophy of Nature and the Human Person	3.0
THEOC 1301	Faith, Reason, and Revelation	3.0

## The Humanities in Western Civilization

Should be completed by the end of the third year at UST. May be started during the first year.

Item #	Title	Credits
ENGLC 1301	The Classical Tradition	3.0
ENGLC 1302	Middle Ages and Renaissance	3.0
PHILC 2301	Ethics	3.0

## The Order and Unity of the World

Should be completed by the end of the third year at UST.

Item #	Title	Credits
PHILC 3301	Metaphysics	3.0
<b>Total Credits</b>		<b>24-30</b>

## Core Curriculum: 60-90 Credits of Transfer

### Degree Type

Bachelor's Core Curriculum

This core sequence is for students who have transfer credit and Credit by Examination totaling 60-90 credit hours based on first semester enrolling at UST.

Dual/transfer courses/test credits determine which core pathway the student should complete, count towards the overall credits necessary to graduate, and may count for specific courses in a major, minor, or pre-professional program. Transferred courses cannot substitute for core requirements established in a student's core pathway. However, incoming transfer students may apply one previously completed math/natural science course and one previously completed social/behavioral sciences course to satisfy core requirements.

Every student is required to complete at least 30 hours of core coursework, which must include one course from each of the following categories: humanities/fine arts, math/natural science, and social/behavioral sciences. Students should consult with an advisor to ensure core requirements are satisfied.

Enrollment begins with courses in section 1, but a student may start courses in section 2 or 3 as long as at least one course in section 1 is enrolled. Specific prerequisites are listed next to the courses.

## Requirements for Transfers w/o Natural Science/Math and/or Social/Behavioral Sciences

Students whose transfer credit or degree plan (major or minor) does not include at least three credits of Natural Science/Mathematics and/or Social/Behavioral Sciences are also required to take MATHC 2301 and POSCC 2301, respectively.

Item #	Title	Credits
MATHC 2301	Quadrivium: The Mathematical Arts	3.0
POSCC 2301	Politics and Society	3.0

## Foundations

Should be completed during the first year at UST.

Item #	Title	Credits
LS 1301	Foundations of Liberal Learning	3.0
HISTC 1301	History of Western Culture and Ideas	3.0
PHILC 1301	Philosophy of Nature and the Human Person	3.0
THEOC 1301	Faith, Reason, and Revelation	3.0

## The Humanities in Western Civilization

Should be completed by the end of the third year at UST. May be started during the first year.

Item #	Title	Credits
ENGLC 1301	The Classical Tradition	3.0
PHILC 2301	Ethics	3.0

## The Order and Unity of the World

Item #	Title	Credits
PHILC 3301	Metaphysics	3.0

## Core Curriculum: BS 66+ Hour Degrees, 0-14 Credits of Transfer

### Degree Type

Bachelor's Core Curriculum

### Core Pathways for BS degrees over 66 hours (exclusive of BSN)

This core sequence is for students who have transfer credit and/or examination credit totaling 0-14 credit hours based on first semester enrolling at UST and are enrolled in a BS degree track that is greater than 66 hours for the degree. This includes:

1. All the engineering degree plans
2. Biochemistry
3. Computational Biology

All of these are externally accredited and thus have limited flexibility about their size.

Dual/transfer courses/test credits determine which core pathway the student should complete, count towards the overall credits necessary to graduate, and may count for specific courses in a major, minor, or pre-professional program. Transferred courses cannot substitute for core requirements established in a student's core pathway. However, incoming transfer students may apply one previously completed math/natural science course and one previously completed social/behavioral sciences course to satisfy core requirements.

Every student is required to complete at least 30 hours of core coursework, which must include one course from each of the following categories: humanities/fine arts, math/natural science, and social/behavioral sciences. Students should consult with an advisor to ensure core requirements are satisfied.

Enrollment begins with courses in section 1, but a student may start courses in section 2 or 3 as long as at least one course in section 1 is enrolled. Specific prerequisites are listed next to the courses.

### Switching from a high credit BS major

Students who change majors from one of the high credit BS degrees indicated above must complete the ordinary core pathway associated with their transfer tier. However, students with senior standing (90 hours and above) will be required only to complete the **21 hour tier**.

### Requirements for Transfers w/o Natural Science/Math and/or Social/Behavioral Sciences

Students whose transfer credit or degree plan (major or minor) does not include at least three credits of Natural Science/Mathematics and/or Social/Behavioral Sciences are also required to take MATHC 2301 and POSCC 2301, respectively.

Item #	Title	Credits
MATHC 2301	Quadrivium: The Mathematical Arts	3.0
POSCC 2301	Politics and Society	3.0



## Foundations

Item #	Title	Credits
HISTC 1301	History of Western Culture and Ideas	3.0
LS 1301	Foundations of Liberal Learning	3.0
PHILC 1301	Philosophy of Nature and the Human Person	3.0
THEOC 1301	Faith, Reason, and Revelation	3.0

## Humanities

Item #	Title	Credits
ENGLC 1301	The Classical Tradition	3.0
ENGLC 1302	Middle Ages and Renaissance	3.0
PHILC 2301	Ethics	3.0

## Order and Unity of the World

Item #	Title	Credits
LS 2301	History and Philosophy of Science	3.0
PHILC 3301	Metaphysics	3.0

## Life of the Mind Above Reason

Item #	Title	Credits
THEOC 2301	Scripture and Salvation History	3.0
<b>Total Credits</b>		<b>30-36</b>

## Core Curriculum: BS 66+ Hour Degrees, 15-29 Credits of Transfer

### Degree Type

Bachelor's Core Curriculum

This core sequence is for students who have transfer credit and/or examination credit totaling 15-29 credit hours based on first semester enrolling at UST and are enrolled in a BS degree track that is greater than 66 hours for the degree. This includes:

1. All the engineering degree plans
2. Biochemistry
3. Computational Biology

All of these are externally accredited and thus have limited flexibility about their size.

Dual/transfer courses/test credits determine which core pathway the student should complete, count towards the overall credits necessary to graduate, and may count for specific courses in a major, minor, or pre-professional program. Transferred courses cannot substitute for core requirements established in a student's core pathway. However, incoming transfer students may apply one previously completed math/natural science course and one previously completed social/behavioral sciences course to satisfy core requirements.

Every student is required to complete at least 30 hours of core coursework, which must include one course from each of the following categories: humanities/fine arts, math/natural science, and social/behavioral sciences. Students should consult with an advisor to ensure core requirements are satisfied.

Enrollment begins with courses in section 1, but a student may start courses in section 2 or 3 as long as at least one course in section 1 is enrolled. Specific prerequisites are listed next to the courses.

## Switching from a high credit BS major

Students who change majors from one of the high credit BS degrees indicated above must complete the ordinary core pathway associated with their transfer tier. However, students with senior standing (90 hours and above) will be required only to complete this 21 hour tier.

## Requirements for Transfers w/o Natural Science/Math and/or Social/Behavioral Sciences

Students whose transfer credit or degree plan (major or minor) does not include at least three credits of Natural Science/Mathematics and/or Social/Behavioral Sciences are also required to take MATHC 2301 and POSCC 2301, respectively.

Item #	Title	Credits
MATHC 2301	Quadrivium: The Mathematical Arts	3.0
POSCC 2301	Politics and Society	3.0

## Foundations

Item #	Title	Credits
HISTC 1301	History of Western Culture and Ideas	3.0
LS 1301	Foundations of Liberal Learning	3.0
PHILC 1301	Philosophy of Nature and the Human Person	3.0
THEOC 1301	Faith, Reason, and Revelation	3.0

## Humanities

Item #	Title	Credits
ENGLC 1301	The Classical Tradition	3.0
PHILC 2301	Ethics	3.0

## Order and Unity of the World

Item #	Title	Credits
PHILC 3301	Metaphysics	3.0
	<b>Total Credits</b>	<b>21-27</b>

## Core Curriculum: BS 66+ Hour Degrees, 30-90 Credits of Transfer

### Degree Type

Bachelor's Core Curriculum

This core sequence is for students who have transfer credit and/or examination credit totaling over 30 credit hours based on first semester enrolling at UST and are enrolled in a BS degree track that is greater than 66 hours for the degree. This includes:

1. All the engineering degree plans
2. Biochemistry
3. Computational Biology

All of these are externally accredited and thus have limited flexibility about their size.

Dual/transfer courses/test credits determine which core pathway the student should complete, count towards the overall credits necessary to graduate, and may count for specific courses in a major, minor, or pre-

professional program. Transferred courses cannot substitute for core requirements established in a student's core pathway. However, incoming transfer students may apply one previously completed math/natural science course and one previously completed social/behavioral sciences course to satisfy core requirements.

Every student is required to complete at least 30 hours of core coursework, which must include one course from each of the following categories: humanities/fine arts, math/natural science, and social/behavioral sciences. Students should consult with an advisor to ensure core requirements are satisfied.

Enrollment begins with courses in section 1, but a student may start courses in section 2 or 3 as long as at least one course in section 1 is enrolled. Specific prerequisites are listed next to the courses.

### Switching from a high credit BS major

Students who change majors from one of the high credit BS degrees indicated above must complete the ordinary core pathway associated with their transfer tier. However, students with senior standing (90 hours and above) will be required only to complete the **21 hour tier**.

### Requirements for Transfers w/o Natural Science/Math and/or Social/Behavioral Sciences

Students whose transfer credit or degree plan (major or minor) does not include at least three credits of Natural Science/Mathematics and/or Social/Behavioral Sciences are also required to take MATHC 2301 and POSCC 2301, respectively.

Item #	Title	Credits
MATHC 2301	Quadrivium: The Mathematical Arts	3.0
POSCC 2301	Politics and Society	3.0

### Foundations

Item #	Title	Credits
HISTC 1301	History of Western Culture and Ideas	3.0
LS 1301	Foundations of Liberal Learning	3.0
PHILC 1301	Philosophy of Nature and the Human Person	3.0
THEOC 1301	Faith, Reason, and Revelation	3.0

### Humanities

Item #	Title	Credits
PHILC 2301	Ethics	3.0

### Order and Unity of the World

Item #	Title	Credits
PHILC 3301	Metaphysics	3.0
<b>Total Credits</b>		<b>18-24</b>

### Core Curriculum: BS 66+ Hour Degrees, Honors Program

#### Degree Type

Bachelor's Core Curriculum

This core sequence is for students who are admitted into the Honors Program at UST and are enrolled in a BS degree track that is greater than 66 hours for the degree. This includes:

1. All the engineering degree plans
2. Biochemistry
3. Computational Biology

All of these are externally accredited and thus have limited flexibility about their size.

Dual/transfer courses/test credits determine which core pathway the student should complete, count towards the overall credits necessary to graduate, and may count for specific courses in a major, minor, or pre-professional program. Transferred courses cannot substitute for core requirements established in a student's core pathway. However, incoming transfer students may apply one previously completed math/natural science course and one previously completed social/behavioral sciences course to satisfy core requirements.

Every student is required to complete at least 30 hours of core coursework, which must include one course from each of the following categories: humanities/fine arts, math/natural science, and social/behavioral sciences. Students should consult with an advisor to ensure core requirements are satisfied.

Enrollment begins with courses in section 1, but a student may start courses in section 2 or 3 as long as at least one course in section 1 is enrolled. Specific prerequisites are listed next to the courses.

### Additional Flexibility

This pathway (unlike the other published pathways) does not recommend a particular timeline for core completion. In order to accommodate the scheduling exigencies of the Honors cohort, particularly for students selecting large majors, like Engineering, students enrolled in the honors program **may delay taking the first four courses if they wish. They are also excused from taking the core sequences in order.** That is, they may begin any sequence at any time, though they are advised to follow the sequences, as their schedule permits. Honors students must, nevertheless, take the required philosophy classes in order.

### Requirements for Transfers w/o Natural Science/Math and/or Social/Behavioral Sciences

Students whose transfer credit or degree plan (major or minor) does not include at least three credits of Natural Science/Mathematics and/or Social/Behavioral Sciences are also required to take MATHC 2301 and POSCC 2301, respectively.

Item #	Title	Credits
MATHC 2301	Quadrivium: The Mathematical Arts	3.0
POSCC 2301	Politics and Society	3.0

### Foundations

Item #	Title	Credits
HISTC 1301	History of Western Culture and Ideas	3.0
LS 1301	Foundations of Liberal Learning	3.0
PHILC 1301	Philosophy of Nature and the Human Person	3.0
THEOC 1301	Faith, Reason, and Revelation	3.0

### Humanities

Item #	Title	Credits
PHILC 2301	Ethics	3.0
<b>Total Credits</b>		<b>15-21</b>

## Core Curriculum: Honors Program, 0-14 Credits of Transfer

### Degree Type

Bachelor's Core Curriculum

### Additional Flexibility

This pathway (unlike the other published pathways) does not recommend a particular timeline for core completion. In order to accommodate the scheduling exigencies of the Honors cohort, particularly for students selecting large majors, like Engineering, students enrolled in the honors program **may delay taking the first four courses if they wish. They are also excused from taking the core sequences in order.** That is, they may begin any sequence at any time, though they are advised to follow the sequences, as their schedule permits. Honors students must, nevertheless, take the required philosophy classes in order.

### Foundations

Item #	Title	Credits
LS 1301	Foundations of Liberal Learning	3.0
HISTC 1301	History of Western Culture and Ideas	3.0
PHILC 1301	Philosophy of Nature and the Human Person	3.0
THEOC 1301	Faith, Reason, and Revelation	3.0

### Humanities

Item #	Title	Credits
PHILC 2301	Ethics	3.0
POSCC 2301	Politics and Society	3.0

### Order and Unity of the World

Item #	Title	Credits
MATHC 2301	Quadrivium: The Mathematical Arts	3.0
PHILC 3301	Metaphysics	3.0
ARTSC 3301	Art and Contemplation	3.0

### Life of the Mind Above Reason

Item #	Title	Credits
THEOC 3301	The Return to God	3.0
<b>Total Credits</b>		<b>30</b>

## Core Curriculum: Honors Program, 15+ Credits of Transfer

### Degree Type

Bachelor's Core Curriculum

Dual/transfer courses/test credits determine which core pathway the student should complete, count towards the overall credits necessary to graduate, and may count for specific courses in a major, minor, or pre-professional program. Transferred courses cannot substitute for core requirements established in a student's core pathway. However, incoming transfer students may apply one previously completed math/natural science course and one previously completed social/behavioral sciences course to satisfy core requirements.

Every student is required to complete at least 30 hours of core coursework, which must include one course from each of the following categories: humanities/fine arts, math/natural science, and social/behavioral sciences. Students should consult with an advisor to ensure core requirements are satisfied.

Enrollment begins with courses in section 1, but a student may start courses in section 2 or 3 as long as at least one course in section 1 is enrolled. Specific prerequisites are listed next to the courses.

## Additional Flexibility

This pathway (unlike the other published pathways) does not recommend a particular timeline for core completion. In order to accommodate the scheduling exigencies of the Honors cohort, particularly for students selecting large majors, like Engineering, students enrolled in the honors program **may delay taking the first four courses if they wish. They are also excused from taking the core sequences in order.** That is, they may begin any sequence at any time, though they are advised to follow the sequences, as their schedule permits. Honors students must, nevertheless, take the required philosophy classes in order.

## Requirements for Transfers w/o Natural Science/Math and/or Social/Behavioral Sciences

Students whose transfer credit or degree plan (major or minor) does not include at least three credits of Natural Science/Mathematics and/or Social/Behavioral Sciences are also required to take MATHC 2301 and POSCC 2301, respectively.

Item #	Title	Credits
MATHC 2301	Quadrivium: The Mathematical Arts	3.0
POSCC 2301	Politics and Society	3.0

## Foundations

Item #	Title	Credits
LS 1301	Foundations of Liberal Learning	3.0
HISTC 1301	History of Western Culture and Ideas	3.0
PHILC 1301	Philosophy of Nature and the Human Person	3.0
THEOC 1301	Faith, Reason, and Revelation	3.0

## The Humanities in Western Civilization

Item #	Title	Credits
PHILC 2301	Ethics	3.0

## The Order and Unity of the World

Should be completed by the end of the third year at UST.

Item #	Title	Credits
PHILC 3301	Metaphysics	3.0
<b>Total Credits</b>		<b>18-24</b>

## Core Curriculum: Transfer ABSN, 0-30 Credits of Transfer

### Degree Type

Bachelor's Core Curriculum

This core sequence is for students who are transferring into the Accelerated Track for the Bachelor of Science in Nursing degree with between 0-30 transfer course/test credits.

Dual/transfer courses/test credits determine which core pathway the student should complete, count towards the overall credits necessary to graduate, and may count for specific courses in a major, minor, or pre-professional program. Transferred courses cannot substitute for core requirements established in a student's core pathway. However, incoming transfer students may apply one previously completed math/natural science course and one previously completed social/behavioral sciences course to satisfy core requirements.

Every student is required to complete at least 30 hours of core coursework, which must include one course from each of the following categories: humanities/fine arts, math/natural science, and social/behavioral sciences. Students should consult with an advisor to ensure core requirements are satisfied.

Enrollment begins with courses in section 1, but a student may start courses in section 2 or 3 as long as at least one course in section 1 is enrolled. Specific prerequisites are listed next to the courses.

## Requirements for Transfers w/o Natural Science/Math and/or Social/Behavioral Sciences

Students whose transfer credit or degree plan (major or minor) does not include at least three credits of Natural Science/Mathematics and/or Social/Behavioral Sciences are also required to take MATHC 2301 and POSCC 2301, respectively.

Item #	Title	Credits
MATHC 2301	Quadrivium: The Mathematical Arts	3.0
POSCC 2301	Politics and Society	3.0

## Foundations

Item #	Title	Credits
LS 1301	Foundations of Liberal Learning	3.0
HISTC 1301	History of Western Culture and Ideas	3.0
PHILC 1301	Philosophy of Nature and the Human Person	3.0
THEOC 1301	Faith, Reason, and Revelation	3.0

## The Humanities in Western Civilization

Item #	Title	Credits
ENGLC 1301	The Classical Tradition	3.0
ENGLC 1302	Middle Ages and Renaissance	3.0
PHILC 2301	Ethics	3.0

## The Order and Unity of the World

Item #	Title	Credits
LS 2301	History and Philosophy of Science	3.0
PHILC 3301	Metaphysics	3.0
<b>Total Credits</b>		<b>27-33</b>

## Core Curriculum: Transfer ABSN, 31-59 Credits of Transfer Degree Type

Bachelor's Core Curriculum

This core sequence is for students who are transferring into the Accelerated Track for the Bachelor of Science in Nursing degree with 31-59 transfer course/test credits.

Dual/transfer courses/test credits determine which core pathway the student should complete, count towards the overall credits necessary to graduate, and may count for specific courses in a major, minor, or pre-professional program. Transferred courses cannot substitute for core requirements established in a student's core pathway. However, incoming transfer students may apply one previously completed math/natural science course and one previously completed social/behavioral sciences course to satisfy core requirements.

Every student is required to complete at least 30 hours of core coursework, which must include one course from each of the following categories: humanities/fine arts, math/natural science, and social/behavioral sciences. Students should consult with an advisor to ensure core requirements are satisfied.

Enrollment begins with courses in section 1, but a student may start courses in section 2 or 3 as long as at least one course in section 1 is enrolled. Specific prerequisites are listed next to the courses.

## Requirements for Transfers w/o Natural Science/Math and/or Social/Behavioral Sciences

Students whose transfer credit or degree plan (major or minor) does not include at least three credits of Natural Science/Mathematics and/or Social/Behavioral Sciences are also required to take MATHC 2301 and POSCC 2301, respectively.

Item #	Title	Credits
MATHC 2301	Quadrivium: The Mathematical Arts	3.0
POSCC 2301	Politics and Society	3.0

## Foundations

Item #	Title	Credits
HISTC 1301	History of Western Culture and Ideas	3.0
LS 1301	Foundations of Liberal Learning	3.0
PHILC 1301	Philosophy of Nature and the Human Person	3.0
THEOC 1301	Faith, Reason, and Revelation	3.0

## Humanities

Item #	Title	Credits
ENGLC 1301	The Classical Tradition	3.0
<b>Total Credits</b>		<b>15-21</b>

## Core Curriculum: Transfer ABSN, 60+ Credits of Transfer

### Degree Type

Bachelor's Core Curriculum

This core sequence is for students who are transferring into the Accelerated Track for the Bachelor of Science in Nursing degree with over 60 transfer course/test credits.

Dual/transfer courses/test credits determine which core pathway the student should complete, count towards the overall credits necessary to graduate, and may count for specific courses in a major, minor, or pre-



professional program. Transferred courses cannot substitute for core requirements established in a student's core pathway. However, incoming transfer students may apply one previously completed math/natural science course and one previously completed social/behavioral sciences course to satisfy core requirements.

Every student is required to complete at least 30 hours of core coursework, which must include one course from each of the following categories: humanities/fine arts, math/natural science, and social/behavioral sciences. Students should consult with an advisor to ensure core requirements are satisfied.

Enrollment begins with courses in section 1, but a student may start courses in section 2 or 3 as long as at least one course in section 1 is enrolled. Specific prerequisites are listed next to the courses.

## Requirements for Transfers w/o Natural Science/Math and/or Social/Behavioral Sciences

Students whose transfer credit or degree plan (major or minor) does not include at least three credits of Natural Science/Mathematics and/or Social/Behavioral Sciences are also required to take MATHC 2301 and POSCC 2301, respectively.

Item #	Title	Credits
MATHC 2301	Quadrivium: The Mathematical Arts	3.0
POSCC 2301	Politics and Society	3.0

## Foundations

Item #	Title	Credits
HISTC 1301	History of Western Culture and Ideas	3.0
LS 1301	Foundations of Liberal Learning	3.0
PHILC 1301	Philosophy of Nature and the Human Person	3.0
	<b>Total Credits</b>	<b>9-15</b>

## Creative Writing

### Degree Type

Minor

## English Required Courses

Item #	Title	Credits
ENGLC 1301	The Classical Tradition	3.0
ENGLC 1302	Middle Ages and Renaissance	3.0
ENGLC 2301	Modern World and American Expressions	3.0
ENGL 3307	Creative Writing: Poetry	3.0
ENGL 3308	Creative Writing: Fiction	3.0

## Creative Writing Electives

Choose **two** of the following:

- Other approved English Creative Writing Course

Item #	Title	Credits
DRAM 3329	Screenwriting	3.0
ENGL 4307	Advanced Creative Writing	3.0
ENGL 4323	Literary Magazine	3.0
<b>Total Credits</b>		<b>21</b>

## Criminology, Law, and Society

### Degree Type

Minor

### CLS Required Courses

Item #	Title	Credits
CRIM 1301	Introduction to Criminal Justice	3.0
CRIM 1306	Court Systems and Practices	3.0
CRIM 3319	Introduction to Human Trafficking	3.0
CRIM 3350	Criminology	3.0
CRIM 3351	Victimology	3.0
CRIM 3371	Race, Ethnicity & Criminal Justice	3.0
<b>Total Credits</b>		<b>18</b>

## Criminology, Law, and Society

### Degree Type

Bachelor of Arts

Contact: Dr. Michael Kane, [kanemf@stthom.edu](mailto:kanemf@stthom.edu)

Criminology, Law and Society focuses on the problem of crime and on understanding the social, cultural, political, and economic forces that interact with the law. Courses present overviews of legal systems with particular emphasis on criminal and juvenile justice, forms of criminal behavior, the role of law in understanding social and psychological phenomena, and the applications of sociological theory in understanding law and legal systems. Students are provided with opportunities to become acquainted with the varieties of behavior that society chooses to control or regulate; the methods and institutions used to achieve that control or regulation, and the approaches aimed specifically at altering sanctioned behavior.

### Students who complete this program will demonstrate:

- An understanding of the criminal justice system and its components, e.g. Police, Courts, and Corrections.
- An understanding of criminological theories and their application to contemporary law and society.
- An ability to integrate and apply analytical skills and substantive knowledge to specific topics and/or problems in criminology, law and society.
- An ability to use skills in critical thinking, synthesis and analysis, of informational sources about policing, criminal law, corrections, leadership, applied research, and social justice.

- Knowledge of the role of ethics, morals, and values in the field of criminology and social doctrine of the Catholic Church.
- An understanding of applied research methodologies.

## Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.

## Social & Behavioral Science OR Oral Communication

Complete any 2 courses from the 4 Social and Behavioral Science/Oral Communication courses listed below

### OR

Complete 2 courses from the Foreign Language options. Both courses must be in the same language.

Item #	Title	Credits
INST 1351	Introduction to International Studies	3.0
COMM 1331	Public Speaking	3.0
PSYC 1332	General Psychology	3.0
SOCI 1331	Principles of Sociology	3.0

## Required Courses

Complete all of the following courses.

Item #	Title	Credits
CRIM 1301	Introduction to Criminal Justice	3.0
CRIM 1222	Leadership and Professional Do	2.0
INST 2352	Research Methods in Int' Stud	3.0

## Criminology

Complete 4 of the 5 courses.

Item #	Title	Credits
CRIM 1306	Court Systems and Practices	3.0
CRIM 1310	Criminal Law	3.0
CRIM 2313	Correctional Systems and Practices	3.0
CRIM 2323	Legal Aspects of the Criminal Justice System	3.0
CRIM 2328	Police Systems and Practices	3.0

## Criminology Pathway

Must complete one pathway below.

### Human Trafficking Pathway

Item #	Title	Credits
CRIM 3319	Introduction to Human Trafficking	3.0
CRIM 3320	Commercial Sexual Exploitation of Children	3.0
CRIM 3321	U.S. and Vatican Response to Human Trafficking	3.0

### Terrorism and Homeland Security Pathway

Item #	Title	Credits
CRIM 3322	Terrorism and American Criminal Justice System	3.0
CRIM 3323	Weapons of Mass Destruction	3.0
CRIM 3324	Financing Terrorism	3.0

### Social Justice Pathway

Item #	Title	Credits
CRIM 3371	Race, Ethnicity & Criminal Justice	3.0
CRIM 4331	Crime and Social Justice	3.0
CRIM 4377	Reforming Justice	3.0

## CLS Electives

Complete 12 credit hours of additional CLS courses.

## Required during Senior Year

Complete all of the following courses.

Item #	Title	Credits
CRIM 4340	Field Internship in Criminal Justice	3.0
CRIM 4350	Action Research Leadership Project for Criminal Justice Majors	3.0
	<b>Total Credits</b>	<b>53</b>

## Criminology, Law, and Society & Cyber Security

### Degree Type

Associate of Applied Science & Bachelor of Arts

Program Directors: Dr. Rebecca Dowden, [dowdenr@stthom.edu](mailto:dowdenr@stthom.edu), and Dr. Michael Kane, [kanemf@stthom.edu](mailto:kanemf@stthom.edu)

Criminology, Law and Society focuses on the problem of crime and on understanding the social, cultural, political, and economic forces that interact with the law. Courses present overviews of legal systems with particular emphasis on criminal and juvenile justice, forms of criminal behavior, the role of law in understanding social and psychological phenomena, and the applications of sociological theory in understanding law and legal systems. Students are provided with opportunities to become acquainted with the varieties of behavior that society chooses to control or regulate; the methods and institutions used to achieve that control or regulation, and the approaches aimed specifically at altering sanctioned behavior.

In an increasingly digital world, data is currency. Organizations rely on cybersecurity professionals to protect their digital assets from damage or theft. Houston is a growing technology hub, one of the top 10 U.S. cities for computer, engineering and information architecture jobs.

*Students will receive AAS and BA degrees upon completion of all course requirements, including university core. Total coursework for both programs and the core is 138 hours.*

## Criminology, Law, and Society BA Major Requirements

### Social & Behavioral Science OR Oral Communication

Complete any 2 courses from the 4 Social and Behavioral Science/Oral Communication courses listed below

OR

Complete 2 courses from the Foreign Language options. Both courses must be in the same language.

Item #	Title	Credits
INST 1351	Introduction to International Studies	3.0
COMM 1331	Public Speaking	3.0
PSYC 1332	General Psychology	3.0
SOCI 1331	Principles of Sociology	3.0

### Required Courses

Complete all of the following courses.

Item #	Title	Credits
CRIM 1301	Introduction to Criminal Justice	3.0
CRIM 1222	Leadership and Professional Do	2.0
INST 2352	Research Methods in Int' Stud	3.0

### Criminology Course Requirement

Complete 4 of the 5 courses.

Item #	Title	Credits
CRIM 1306	Court Systems and Practices	3.0
CRIM 1310	Criminal Law	3.0
CRIM 2313	Correctional Systems and Practices	3.0
CRIM 2323	Legal Aspects of the Criminal Justice System	3.0
CRIM 2328	Police Systems and Practices	3.0

## Terrorism and Homeland Security Course Requirement

Complete all of the following courses.

Item #	Title	Credits
CRIM 3322	Terrorism and American Criminal Justice System	3.0
CRIM 3323	Weapons of Mass Destruction	3.0
CRIM 3324	Financing Terrorism	3.0

### Criminology, Law, and Society Electives

Complete 12 credit hours of additional CLS courses.

### Required During Senior Year

Complete all of the following courses.

Item #	Title	Credits
CRIM 4340	Field Internship in Criminal Justice	3.0
CRIM 4350	Action Research Leadership Project for Criminal Justice Majors	3.0

## Cyber Security AAS Major Requirements

Item #	Title	Credits
ANET 1300	Hardware and Software Environment	3.0
ANET 1305	Basics of Networking	3.0
ANET 1350	Introduction to Servers I	3.0
ANET 1355	Physical Networks	3.0
ANET 1360	Introduction to Servers II	3.0
ANET 2300	Introduction to Linux Networking	3.0
ASFT 1305	Working with Databases	3.0
ASFT 1300	Foundations of Programming	3.0
ANET 2350	Basics of IP Networking	3.0
ACYB 2305	Network Communications Infrastructure and Technology	3.0
ANET 2375	Advanced Operating Systems	3.0
<b>Total Credits</b>		<b>86</b>

## Criminology, Law, and Society & Drug and Alcohol Counseling

### Degree Type

Associate of Applied Science & Bachelor of Arts

*Students will receive AAS and BA degrees upon completion of all course requirements, including university core. Total coursework for both programs and the core is 138 hours.*

## Criminology, Law, and Society BA Major Requirements

### Social & Behavioral Science OR Oral Communication

Complete any 1 course from the Social and Behavioral Science/Oral Communication courses listed below

OR

Complete 2 courses from the Foreign Language options. Both courses must be in the same language.

Item #	Title	Credits
INST 1351	Introduction to International Studies	3.0
COMM 1331	Public Speaking	3.0
SOCI 1331	Principles of Sociology	3.0

### Required Courses

Complete all of the following courses.

Item #	Title	Credits
CRIM 1301	Introduction to Criminal Justice	3.0
CRIM 1222	Leadership and Professional Do	2.0
INST 2352	Research Methods in Int' Stud	3.0
PSYC 1332	General Psychology	3.0

### Criminology Course Requirement

Complete 4 of the 5 courses.

Item #	Title	Credits
CRIM 1306	Court Systems and Practices	3.0
CRIM 1310	Criminal Law	3.0
CRIM 2313	Correctional Systems and Practices	3.0
CRIM 2323	Legal Aspects of the Criminal Justice System	3.0
CRIM 2328	Police Systems and Practices	3.0

### Criminology Pathway

Must complete one pathway below.

#### Human Trafficking Pathway

Item #	Title	Credits
CRIM 3319	Introduction to Human Trafficking	3.0
CRIM 3320	Commercial Sexual Exploitation of Children	3.0
CRIM 3321	U.S. and Vatican Response to Human Trafficking	3.0

#### Terrorism and Homeland Security Pathway

Item #	Title	Credits
CRIM 3322	Terrorism and American Criminal Justice System	3.0
CRIM 3323	Weapons of Mass Destruction	3.0
CRIM 3324	Financing Terrorism	3.0

## Social Justice Pathway

Item #	Title	Credits
CRIM 3371	Race, Ethnicity & Criminal Justice	3.0
CRIM 4331	Crime and Social Justice	3.0
CRIM 4377	Reforming Justice	3.0

### Criminology, Law, and Society Electives

Complete 12 credit hours of additional CLS courses.

### Required During Senior Year

Complete all of the following courses.

Item #	Title	Credits
CRIM 4340	Field Internship in Criminal Justice	3.0
CRIM 4350	Action Research Leadership Project for Criminal Justice Majors	3.0

## Drug and Alcohol Counseling AAS Major Requirements

Item #	Title	Credits
DAAC 1300	Mental Health, Ethics, and Addiction	3.0
DAAC 1305	Theory and Treatment	3.0
DAAC 1310	Individual Counseling Skills	3.0
DAAC 1325	Group and Family Counseling	3.0
DAAC 2315	Psychopharmacology & Assessment of Addiction	3.0
DAAC 2325	Advanced Practicum	3.0
DAAC 1330	Documentation and Records	3.0
DAAC 1319	Substance-Related and Addictive Disorders	3.0
DAAC 1331	Professional Communication in Counseling	3.0
DAAC 1315	Multicultural Counseling	3.0
<b>Total Credits</b>		<b>83-86</b>

## Cybersecurity

### Degree Type

Associate of Applied Science

**Dean:** Dr. Nicole McZeal Walters,  
[walturn@stthom.edu](mailto:walturn@stthom.edu)

**Program Director:** Dr. Rebecca Dowden,  
[dowdenr@stthom.edu](mailto:dowdenr@stthom.edu)

An Associate Degree offers a wonderful opportunity to set you up for success in a growing career field that will provide you with the skills to be a part of an on demand workforce.. UST offers the Associate of Applied Science Degree in three areas of study: Cybersecurity, Electronic Technology, and Networking Technology and you can earn your degree within 2 years. You will complete the program empowered with skills for rewarding jobs in technology and join a growing workforce with in-demand skills. Highlights of UST's Associate programs include:

- 100% online programs which gives you the flexibility to study anytime, anywhere;



- Programs are geared toward technology careers with increasing demand for workers;
- Houston is a growing tech hub, a top 10 U.S. city for computer, engineering and information architecture jobs;
- Great preparation for transition into a 4-year bachelor's degree program;
- Elite Associate Degree from a well-regarded private university;
- Professors who are currently working in the field;
- On-campus amenities for local students.

Requirements:

- Completed online application. Access at UST's website [www.stthom.edu](http://www.stthom.edu)
- High school diploma or record of General Education Development Test (GED). Submit official document(s) to the UST Office of Admissions.

It should also be noted that this is a 60- hour credit program and each course is worth 3 hours.

## Cybersecurity

In an increasingly digital world, data is currency. Organizations rely on cybersecurity professionals to protect their digital assets from damage or theft. Houston is a growing technology hub, one of the top 10 U.S. cities for computer, engineering and information architecture jobs. In the 100% online Associate of Applied Science in Cybersecurity Program at UST, you'll learn all the skills you need to begin or excel in a career in computer network administration.

## Courses:

### Semester 1

Item #	Title	Credits
AUNI 1300	College Foundations	3.0
ANET 1300	Hardware and Software Environment	3.0
ANET 1305	Basics of Networking	3.0
AMAT 1300	Foundations of Mathematics I	3.0

### Semester 2

Item #	Title	Credits
ACOM 1350	Basics of Writing	3.0
ANET 1350	Introduction to Servers I	3.0
ANET 1355	Physical Networks	3.0
ANET 1360	Introduction to Servers II	3.0

### Semester 3

Item #	Title	Credits
AMAT 1355	Foundations of Mathematics II	3.0
ASFT 1300	Foundations of Programming	3.0
ANET 2300	Introduction to Linux Networking	3.0
ASFT 1305	Working with Databases	3.0

## Semester 4

Item #	Title	Credits
PHILC 1301	Philosophy of Nature and the Human Person	3.0
ANET 2305	Securing Information	3.0
ACOM 2300	Writing for Work	3.0
ANET 2350	Basics of IP Networking	3.0

## Semester 5

Item #	Title	Credits
PHILC 2301	Ethics	3.0
ACYB 2300	Risk Management and IT Security	3.0
ACYB 2305	Network Communications Infrastructure and Technology	3.0
ANET 2375	Advanced Operating Systems	3.0
<b>Total Credits</b>		<b>60</b>

## Dance

### Degree Type

Bachelor of Arts

Program chair: Maria McCain, [Maria.McCain@stthom.edu](mailto:Maria.McCain@stthom.edu)

If you want to step out of the classroom and onto the stage, there's no better place to train for your time in the spotlight than with the University of St. Thomas. Whether your dream is to perform with a professional dance company, choreograph for stage and screen, or teach the arts to the next generation of talent, a Bachelor of Arts in Dance from UST can help you get there.

You'll benefit from faculty experienced in all levels of dance, plus UST's close connections with professional dance companies in Houston. In one of the largest, most diverse metros in the country, you'll learn from guest artists, form professional connections with industry professionals and lay the groundwork for graduate work in dance, kinesiology and similar fields.

The Dance major has concentrations in Ballet, Contemporary, and Global & Urban.

## Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.

## Dance Core Courses

Complete all of the following courses.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
DANC 1300	Ballet I	3.0
DANC 1340	Dance Survey	3.0
DANC 2360	Choreography I	3.0
DANC 3340	Dance History	3.0
DANC 3360	Choreography II	3.0
DANC 3380	Somatic Practices	3.0
DANC 4330	Teaching Methods in Dance	3.0

## Dance Technique Courses

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
DANC 1310	Modern Dance I	3.0
DANC 1311	Modern Dance I	3.0
DANC 2310	Modern Dance II	3.0
DANC 2311	Modern Dance II	3.0
DANC 3310	Modern Dance III	3.0
DANC 3311	Modern Dance III	3.0
DANC 4310	Modern Dance IV	3.0
DANC 4311	Modern Dance IV	3.0
DANC 1301	Ballet I	3.0
DANC 2300	Ballet II	3.0
DANC 2301	Ballet II	3.0
DANC 3300	Ballet III	3.0
DANC 3301	Ballet III	3.0
DANC 4300	Ballet IV	3.0
DANC 4301	Ballet IV	3.0
DANC 2320	Global Dance Techniques II	3.0
DANC 2321	Global Dance Techniques II	3.0
DANC 2350	Hip Hop Dance	3.0
DANC 3350	Jazz Dance	3.0

## Dance Technique Upper-Division Requirement

Verify that at least 9hrs dance technique courses are upper-division credit.

**Total Credits**

**42**

## Dance

### Degree Type

Minor

## Dance Practice

Complete 6hrs of the following courses.

Item #	Title	Credits
DANC 1300	Ballet I	3.0
DANC 1301	Ballet I	3.0
DANC 2300	Ballet II	3.0
DANC 2301	Ballet II	3.0
DANC 3300	Ballet III	3.0
DANC 3301	Ballet III	3.0
DANC 1310	Modern Dance I	3.0
DANC 1311	Modern Dance I	3.0
DANC 2310	Modern Dance II	3.0
DANC 2311	Modern Dance II	3.0
DANC 3310	Modern Dance III	3.0
DANC 3311	Modern Dance III	3.0
DANC 1320	Global Dance Techniques I	3.0
DANC 1321	Global Dance Techniques I	3.0
DANC 2310	Modern Dance II	3.0
DANC 2311	Modern Dance II	3.0
DANC 2350	Hip Hop Dance	3.0

## Dance Theory

Item #	Title	Credits
DANC 1340	Dance Survey	3.0

## Dance Making

Item #	Title	Credits
DANC 2360	Choreography I	3.0

## Advanced Hours

Item #	Title	Credits
DANC 3360	Choreography II	3.0
DANC 4330	Teaching Methods in Dance	3.0
DANC 3340	Dance History	3.0
<b>Total Credits</b>		<b>21</b>

## Dance

### Degree Type

Bachelor of Fine Arts

Program chair: Maria McCain, [Maria.McCain@stthom.edu](mailto:Maria.McCain@stthom.edu)

If you want to step out of the classroom and onto the stage, there's no better place to train for your time in the spotlight than with the University of St. Thomas. Whether your dream is to perform with a professional dance company, choreograph for stage and screen, or teach the arts to the next generation of talent, a Bachelor of Fine Arts in Dance from UST can help you get there.

You'll benefit from faculty experienced in all levels of dance, plus UST's close connections with professional dance companies in Houston. In one of the largest, most diverse metros in the country, you'll learn from guest artists, form professional connections with industry professionals and lay the groundwork for graduate work in dance, kinesiology and similar fields.

Admission to the BFA Major requires an audition, but all students are welcome to inquire about taking courses as part of their credit hours towards a UST degree.

The Dance major has concentrations in Ballet, Contemporary, and Global & Urban.

## Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.

## Studio Practice

**Recommended hours: 15-18 credit hours in Ballet, 15-18 in Modern, and 3-9 in Jazz, Global or Urban Dance Forms.**

Item #	Title	Credits
DANC 1300	Ballet I	3.0
DANC 2300	Ballet II	3.0
DANC 3301	Ballet III	3.0
DANC 4300	Ballet IV	3.0
DANC 1310	Modern Dance I	3.0
DANC 2310	Modern Dance II	3.0
DANC 3310	Modern Dance III	3.0
DANC 4310	Modern Dance IV	3.0
DANC 2320	Global Dance Techniques II	3.0
DANC 2350	Hip Hop Dance	3.0
DANC 3350	Jazz Dance	3.0

## Dance Studies

Item #	Title	Credits
DANC 1340	Dance Survey	3.0
DANC 3340	Dance History	3.0
DANC 3380	Somatic Practices	3.0
DANC 4330	Teaching Methods in Dance	3.0

## Dance Making

Item #	Title	Credits
DANC 1330	Dance Improvisation	3.0
DANC 2360	Choreography I	3.0
DANC 3360	Choreography II	3.0
<b>Total Credits</b>		<b>66</b>

## Data Analytics

### Degree Type

Minor

The minor in Data Analytics would equip students with the skills to extract insights from datasets using statistical, programming, and visualization techniques.

## Fundamental Courses

Item #	Title	Credits
COMSC 1450	Introduction to Programming and Computer Science	4.0

## Statistics

Choose one course from the following:

Item #	Title	Credits
MATH 2435	Introduction to Statistical and Quantitative Analysis	4.0
MATH 3332	Elementary Statistical Methods for Economics & Business	3.0
MATH 3450	Biostatistics I	4.0
PSYC 3433	Foundations of Statistical Analysis	4.0

## Core Minor Courses

Item #	Title	Credits
MATH 3371	Introduction to Data Analytics	3.0
MATH 3372	Data Visualization	3.0

## Domain Courses

Choose any two courses

Consult catalog for prerequisites.

Item #	Title	Credits
BIOL 3321	Genetics	3.0
BIOL 3331	Ecology	3.0
COMSC 2351	Data Structures	3.0
COMSC 3375	Database Systems	3.0
INST 3351	Comparative Political Systems	3.0
INST 3352	International Politics	3.0
MKTG 3345	Consumer Behavior	3.0
MKTG 3351	Marketing Research	3.0
MKTG 4330	Marketing Measurement & Analytics	3.0
MATH 3335	A First Course in Probability	3.0
MATH 4350	Biostatistics II	3.0
MATH 4381	Advance Topics in Applied Statistics	3.0
PSYC 3351	Industrial/Organizational Psychology	3.0
PSYC 4434	Experimental Social Psychology	4.0
PSYC 4435	Cognitive Psychology	4.0
<b>Total Credits</b>		<b>19-22</b>

## Drama

### Degree Type

Minor

## Drama

Complete one of the following courses.

Item #	Title	Credits
DRAM 1331	Acting I	3.0
DRAM 1330	Introduction to Theatre	3.0

## Rehearsal and Production

Complete 3hrs from the following courses in rehearsal and production.

Item #	Title	Credits
DRAM 1111	Rehearsal and Production	1.0
DRAM 1112	Rehearsal and Production	1.0
DRAM 2111	Rehearsal and Production	1.0
DRAM 2112	Rehearsal and Production	1.0
DRAM 3111	Rehearsal and Production	1.0
DRAM 3112	Rehearsal and Production	1.0
DRAM 4111	Rehearsal and Production	1.0
DRAM 4112	Rehearsal and Production	1.0



## Drama Electives

Complete 15hrs of additional DRAM courses. *Note: At least 9hrs of DRAM courses in the minor must be upper-division.*

**Total Credits**

**21**

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### Drama

#### Degree Type

Bachelor of Arts

The Drama Program provides students with a dynamic, participatory adventure into the world of theatre while remaining firmly rooted in a broad liberal arts foundation. We provide students with extraordinary performance opportunities while they develop an extensive background in dramatic thought and theory. Students completing the program will be prepared to enter the professional theatre, graduate theatre programs and a wide variety of non-theatre professions that seek out vibrant, educated, ethical, articulate people. All senior drama majors are required to present a capstone performance/technical project, to develop a portfolio and resume, and to score at least 75 percent on an objective examination.

In addition to course offerings, the Drama Program maintains an active production schedule. A sample of plays produced in the past includes *The Importance of Being Earnest*, *The Devil's Disciple*, *Guys & Dolls*, *Hamlet*, *As You Like It*, *Hay Fever*, *The Boy Friend*, *Pinocchio*, *The Bald Soprano*, *The Collection*, *Wait Until Dark*, *The Fantasticks*, *Charlotte's Web*, *The Cherry Orchard*, *Under Milkwood*, *Little Murders*, *Godspell*, *She Stoops to Conquer*, *Hotel Faux Pas*, *Little Mary Sunshine*, *You Can't Take It With You*, *The Caretaker*, *The Good Doctor*, *Waiting for Godot*, *Gypsy*, *The Effect of Gamma Rays on Man-In-The-Moon Marigolds*, *The Servant of Two Masters*, *The Rimers of Eldritch*, *Dames at Sea*, *A Midsummer Night's Dream*, *Grease, aka, Pippin*, *The Glass Menagerie*, *The Diary of Anne Frank*, *Dancing At Laughnasa*, *Little Shop of Horrors*, *Noises Off*, *An Ideal Husband*, *Almost, Maine*, *Enchanted April*, *The Crucible*, *the AMPERSAND Ten-Minute Play Festival*, *The Love Seat* and *Pride and Prejudice*.

### Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.

## Required for all Drama majors

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
DRAM 1111	Rehearsal and Production	1.0
DRAM 1112	Rehearsal and Production	1.0
DRAM 2111	Rehearsal and Production	1.0
DRAM 2112	Rehearsal and Production	1.0
DRAM 3111	Rehearsal and Production	1.0
DRAM 3112	Rehearsal and Production	1.0
DRAM 4111	Rehearsal and Production	1.0
DRAM 4112	Rehearsal and Production	1.0
DRAM 1331	Acting I	3.0
DRAM 1336	Stagecraft	3.0
DRAM 2331	Movement for the Theatre	3.0
DRAM 2335	Theatre Speech	3.0
DRAM 3333	Scene Design	3.0
DRAM 3340	Theatre History I	3.0
DRAM 3341	Theatre History II	3.0

## Drama

Choose 12 credit hours of drama electives. (Must include at least 6 credit hours of upper-division drama courses).

**Total Credits**

**39**

## Drug and Alcohol Counseling

### Degree Type

Undergraduate Certificate

## Drug/Alcohol Counseling Core

Drug/Alcohol Counseling Course Requirement: Complete all of the following courses.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
DAAC 1300	Mental Health, Ethics, and Addiction	3.0
DAAC 1305	Theory and Treatment	3.0
DAAC 1310	Individual Counseling Skills	3.0
DAAC 1325	Group and Family Counseling	3.0
DAAC 2315	Psychopharmacology & Assessment of Addiction	3.0
DAAC 2320	Crisis Intervention	3.0
DAAC 2325	Advanced Practicum	3.0
DAAC 1330	Documentation and Records	3.0
DAAC 1319	Substance-Related and Addictive Disorders	3.0
DAAC 2310	Practicum	3.0
<b>Total Credits</b>		<b>30</b>

## Drug and Alcohol Counseling

### Degree Type

## Associate of Applied Science

There is a tremendous need for drug and alcohol counselors in Texas and nationwide. The Associate of Applied Science in Drug and Alcohol Counseling program at the University of St. Thomas prepares graduates to serve the community as Licensed Chemical Dependency Counselor Interns (LCDC-Interns). These professionals will help to meet the needs of individuals, families, and communities struggling with addiction and addiction-related mental health issues.

The DAAC program is a two-year, fully online program, which prepares students to provide drug and alcohol counseling to individuals, families, and communities. The program provides content knowledge and hands on experience with our partnership sites in an addiction setting.

*This is a 60-hour program, with each course representing 3 credit hours. Dual credit opportunities are available for Cybersecurity, Drug and Alcohol Counseling, Electronic Technology, General Business and Networking Technology.*

### Semester 1

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
DAAC 1300	Mental Health, Ethics, and Addiction	3.0
DAAC 1305	Theory and Treatment	3.0
DAAC 1310	Individual Counseling Skills	3.0
PSYC 1332	General Psychology	3.0

### Semester 2

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
DAAC 2315	Psychopharmacology & Assessment of Addiction	3.0
DAAC 1325	Group and Family Counseling	3.0
DAAC 1319	Substance-Related and Addictive Disorders	3.0
DAAC 1330	Documentation and Records	3.0

### Summer

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
PHILC 1301	Philosophy of Nature and the Human Person	3.0
ACOM 1350	Basics of Writing	3.0
DAAC 2305	Advocacy and Social Justice	3.0
DAAC 2320	Crisis Intervention	3.0

### Semester 3

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
LS 1301	Foundations of Liberal Learning	3.0
DAAC 1315	Multicultural Counseling	3.0
AMAT 1300	Foundations of Mathematics I	3.0
DAAC 2310	Practicum	3.0

### Semester 4

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
PHILC 2301	Ethics	3.0
DAAC 1331	Professional Communication in Counseling	3.0
ACOM 2305	Effective Communication	3.0
DAAC 2325	Advanced Practicum	3.0

## East Asia Studies

### Degree Type

Minor

### Japanese or Mandarin

Choose one language sequence.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
JPNS 1331	Elementary Japanese I	3.0
JPNS 1332	Elementary Japanese II	3.0
CHIN 1331	Elementary Mandarin Chinese I	3.0
CHIN 1332	Elementary Mandarin Chinese II	3.0

### East Asia Studies Electives

Choose 9hrs from courses below or from other INST 3000/4000-Level Electives with an East Asia topic approved by the program director.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
INST 3360	Regional Study of East Asia	3.0
INST 4360	Perspectives on Modern China	3.0
INST 4376	Contemporary Taiwan	3.0
INST 4381	International Security in East Asia	3.0
<b>Total Credits</b>		<b>15</b>

## Economics

### Degree Type

Minor

### Economics Required Courses

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ECON 1331	Principles of Macroeconomics	3.0
ECON 1332	Principles of Microeconomics	3.0
ECON 3331	International Economics	3.0
ECON 3332	Theory of Economic Development	3.0
FINA 3335	Financial Institutions and Markets	3.0

## Economics Elective

Choose one of the following:

Item #	Title	Credits
ECON 3301	Intermediate Microeconomic Theory	3.0
ECON 3302	Intermediate Macroeconomic Theory	3.0
FINA 3334	International Financial Management	3.0
ECON 4391	Internship in Economics	3.0
ECON 4393	Special Topics in Economics	3.0
<b>Total Credits</b>		<b>18</b>

## Economics

### Degree Type

Bachelor of Business Administration

The economics degree program exposes students to social science concepts central to business and governmental decision-making, society's allocation of resources, international relations among competing economies and ethics in commerce. The economics program encompasses micro and macroeconomics, international economics, money and banking, labor markets, cost benefit analysis, economic development and theory. Career opportunities for economics majors include the following:

- Consulting
- Commercial banking
- Investment banking

## Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.

## Business Foundation Courses

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ACCT 1341	Principles of Accounting I	3.0
ACCT 1342	Principles of Accounting II	3.0
ECON 1331	Principles of Macroeconomics	3.0
ECON 1332	Principles of Microeconomics	3.0
MATH 1353	Mathematics for Economics and Business	3.0
MATH 3332	Elementary Statistical Methods for Economics & Business	3.0
MGMT 2347	Principles of Management	3.0
MGMT 3320	Business Communications	3.0

## Business Required Courses

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
DEIS 4333	Principles of Operations Management	3.0
ECON 3331	International Economics	3.0
FINA 3339	Corporate Finance	3.0
MGMT 3390	Management Information Systems	3.0
MGMT 4331	Business Law	3.0
MKTG 3343	Principles of Marketing	3.0

## Business Capstone

Take during final semester at UST

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MGMT 4399	Senior Seminar	3.0

## Economics Required Courses

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ECON 3301	Intermediate Microeconomic Theory	3.0
ECON 3302	Intermediate Macroeconomic Theory	3.0
ECON 3332	Theory of Economic Development	3.0
FINA 3335	Financial Institutions and Markets	3.0
FINA 3334	International Financial Management	3.0

## Economics Electives

Complete three credits from the following:

- Other economics course, with advisor approval

Item #	Title	Credits
INST 3354	International Political Economy	3.0
ECON 3344	Introduction to Econometrics	3.0
ECON 4191	Internship in Economics	1.0
ECON 4291	Internship in Economics	2.0
ECON 4391	Internship in Economics	3.0
ECON 4192	Directed Reading/Independent Study in Economics	1.0
ECON 4292	Directed Reading/Independent Study in Economics	2.0
ECON 4392	Directed Reading/Independent Study in Economics	3.0
ECON 4393	Special Topics in Economics	3.0
<b>Total Credits</b>		<b>63</b>

## Education

### Degree Type

Minor

*Note: All students pursuing an Education minor must meet the admission requirements to the School of Education. Students should meet with a School of Education Advisor and must seek approval from the Associate Dean of Undergraduate Teacher Education before enrolling in any education courses except EDUC 3307.*

## Education

Choose six courses from BIED, EDUC, MS, RDGED, or SPED. At least 9 hours must be upper division.  
*Recommended course for Education minors: EDUC 3307 – Investigating Critical Issues in Education*

Item #	Title	Credits
EDUC 3307	Investigating Critical Issues in Education	3.0

**Recommended for Catholic School Teachers of the Archdiocese of Galveston-Houston not Seeking Texas Teacher Certification**

### Elementary (Grades Early Childhood (EC) through 6th):

Item #	Title	Credits
EDUC 3304	Introduction to Curriculum and Instruction	3.0
EDUC 4338	Classroom Management	3.0
EDUC 3306	Early Childhood through Elementary Age Learning	3.0
RDGED 3305	Foundations of Reading	3.0

### Secondary (Grades 7th through 12th):

Item #	Title	Credits
EDUC 4338	Classroom Management	3.0
EDUC 3304	Introduction to Curriculum and Instruction	3.0
MS 4338	Adolescent Learning	3.0
RDGED 3303	Content Area Reading	3.0
<b>Total Credits</b>		<b>18</b>

# Electronic Technology

## Degree Type

Associate of Applied Science

The world increasingly relies on a wide variety of electronics equipment to keep things running smoothly, from navigational equipment to medical monitoring devices. Skilled electronics professionals provide essential support to organizations in the design, installation and repair of electronics equipment.

The UST Associate of Applied Science in Electronic Technology gives you the knowledge and skills to **begin or continue a rewarding career in electronics technology**.

While it can take 4 years of longer to earn a bachelor's degree, you can complete this 100% online program within 2 years and start your career sooner.

*This is a 60-hour program, with each course representing 3 credit hours. Dual credit opportunities are available for Cybersecurity, Drug and Alcohol Counseling, Electronic Technology, General Business and Networking Technology.*

## Semester 1

Item #	Title	Credits
AUNI 1300	College Foundations	3.0
ANET 1300	Hardware and Software Environment	3.0
AEEG 1301	DC Circuits	3.0
AMAT 1300	Foundations of Mathematics I	3.0

## Semester 2

Item #	Title	Credits
ACOM 1350	Basics of Writing	3.0
AEEG 1300	AC Circuits	3.0
AEEG 1305	Fundamentals of Digital Signals	3.0
AEEG 1310	Structure and Functions of Electronic Devices	3.0

## Semester 3

Item #	Title	Credits
AEEG 1315	Introduction to Integrated Circuits	3.0
AMAT 1355	Foundations of Mathematics II	3.0
ANET 1305	Basics of Networking	3.0
APHY 1305	Fundamentals of Physics	3.0

## Semester 4

Item #	Title	Credits
AEEG 1350	Principles of Electronic Communication	3.0
ACOM 2300	Writing for Work	3.0
AEEG 1360	Microcontrollers	3.0
AEEG 2305	PLC System	3.0



## Semester 5

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ACOM 2305	Effective Communication	3.0
AUNI 2310	Working with Diverse Groups	3.0
ANET 2365	Advanced Troubleshooting, Repair and Maintenance of Computers	3.0
AEEG 2310	Capstone Project	3.0
	<b>Total Credits</b>	<b>60</b>

## English

### Degree Type

Minor

### Required for English minors

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ENGLC 1301	The Classical Tradition	3.0
ENGLC 1302	Middle Ages and Renaissance	3.0
ENGLC 2301	Modern World and American Expressions	3.0

### Major Author

Choose one of the following:

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ENGL 3310	Chaucer	3.0
ENGL 3316	Shakespeare	3.0
ENGL 3326	Milton	3.0
ENGL 4393	Special Topics in English	3.0
ENGL 4339	Dante	3.0
ENGL 4327	Austen	3.0
ENGL 4328	Dickens	3.0
ENGL 4329	Hardy	3.0

### Genre

Choose one of the following:

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ENGL 3314	Development of the Novel	3.0
ENGL 3314	Development of the Novel	3.0
ENGL 3345	Nineteenth Century Novel	3.0
ENGL 4314	Modern Poetry	3.0
ENGL 4320	Modern Drama	3.0
ENGL 4324	Modern British Novel	3.0
ENGL 4325	Modern American Novel	3.0
ENGL 4393	Special Topics in English	3.0

## Period

Choose one of the following:

Item #	Title	Credits
ENGL 3320	Sixteenth-Century Poetry and Prose	3.0
ENGL 3324	Seventeenth-Century Poetry and Prose	3.0
ENGL 3330	The Augustan Age	3.0
ENGL 3340	English Romantic Poets	3.0
ENGL 3344	Victorian Poetry	3.0
ENGL 3345	Nineteenth Century Novel	3.0
ENGL 4310	American Literature I	3.0
ENGL 4311	American Literature II	3.0
ENGL 4314	Modern Poetry	3.0
ENGL 4324	Modern British Novel	3.0
ENGL 4325	Modern American Novel	3.0
ENGL 4393	Special Topics in English	3.0

## English Electives

Choose one upper division (3000/4000 level) English course in consultation with Department Chair.

<b>Total Credits</b>	<b>21</b>
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## English Language Arts & Reading: EC 4-8

### Degree Type

Bachelor of Arts

*Note: Preparation for student teaching requires 50 hours of school-based field experiences, 10 hours of church/community service, and 20 hours of professional development. Please see the [School of Education and Human Services Undergraduate Teacher Education](#) page for more information about teacher education requirements.*

## Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.

## English

Students with transfer credit:

Discuss with Academic Advisor

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ENGLC 1301	The Classical Tradition	3.0
ENGLC 1302	Middle Ages and Renaissance	3.0
ENGLC 2301	Modern World and American Expressions	3.0

## English

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ENGL 3308	Creative Writing: Fiction	3.0
ENGL 3316	Shakespeare	3.0
ENGL 4310	American Literature I	3.0

## English

Choose 4 additional 3000/4000 level English courses for which the prerequisites are met

## Communication

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
COMM 1331	Public Speaking	3.0
COMM 2332	Persuasion and Argumentation	3.0
COMM 2341	Newswriting and Reporting	3.0

## Communication

Choose one from the following:

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
COMM 2361	Introduction to the Mass Media	3.0
COMM 1310	Writing for the Media	3.0
COMM 3353	Journalism for the Media	3.0

## Professional Development

Must be completed at UST.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
	Professional Development	21

## Multidisciplinary Studies

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MS 4338	Adolescent Learning	3.0

## Reading

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
RDGED 3303	Content Area Reading	3.0

## English as a Second Language

Item #	Title	Credits
BIE_DL 4330	Foundations and Methods of Second Language Acquisition	3.0

## Special Education

Item #	Title	Credits
SPED 4320	Exceptionality in Today's Schools	3.0
<b>Total Credits</b>		<b>75</b>

## English Language Arts & Reading: EC 7-12

### Degree Type

Bachelor Degrees

*Note: Preparation for student teaching requires 50 hours of school-based field experiences, 10 hours of church/community service, and 20 hours of professional development. Please see the [School of Education and Human Services Undergraduate Teacher Education](#) page for more information about teacher education requirements.*

## Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.

## English

Students with transfer credit:

Discuss with academic advisor

Item #	Title	Credits
ENGLC 1301	The Classical Tradition	3.0
ENGLC 1302	Middle Ages and Renaissance	3.0
ENGLC 2301	Modern World and American Expressions	3.0

## English

Item #	Title	Credits
ENGL 3308	Creative Writing: Fiction	3.0
ENGL 3316	Shakespeare	3.0
ENGL 4310	American Literature I	3.0

## English

Choose 4 additional 3000/4000 level English courses for which the prerequisites are met

## Communication

Item #	Title	Credits
COMM 1331	Public Speaking	3.0
COMM 2332	Persuasion and Argumentation	3.0
COMM 2341	Newswriting and Reporting	3.0

## Communication

Choose one from the following:

Item #	Title	Credits
COMM 2361	Introduction to the Mass Media	3.0
COMM 4393	Special Topics in Communication	3.0
COMM 3353	Journalism for the Media	3.0

## Professional Development

Must be completed at UST.

Item #	Title	Credits
EDUC 3100	Field Experience Seminar I	1.0
EDUC 3101	Field Experience Seminar II	1.0
EDUC 3102	Field Experience Seminar III	1.0
EDUC 3304	Introduction to Curriculum and Instruction	3.0
EDUC 3313	Digital Instructional Strategies	3.0
EDUC 3339	Multicultural Populations	3.0
EDUC 4338	Classroom Management	3.0
EDUC 4370	Student Teaching, Secondary	3.0
EDUC 4371	Student Teaching, Secondary	3.0

## Multidisciplinary Studies

Item #	Title	Credits
MS 4338	Adolescent Learning	3.0

## Reading

Item #	Title	Credits
RDGED 3303	Content Area Reading	3.0

## English as a Second Language

Item #	Title	Credits
BIE_DL 4330	Foundations and Methods of Second Language Acquisition	3.0

## Special Education

Item #	Title	Credits
SPED 4320	Exceptionality in Today's Schools	3.0
<b>Total Credits</b>		<b>75</b>

## English with Concentration in Literature

### Degree Type

Bachelor of Arts

### Required for All English Majors

Item #	Title	Credits
ENGLC 1301	The Classical Tradition	3.0
ENGLC 1302	Middle Ages and Renaissance	3.0
ENGLC 2301	Modern World and American Expressions	3.0

## Shakespeare

Choose **one** from the following:

Item #	Title	Credits
ENGL 3316	Shakespeare	3.0
ENGL 4319	Shakespearean Topics	3.0

## Major Medieval Writer

Choose **one** from the following:

Item #	Title	Credits
ENGL 3310	Chaucer	3.0
ENGL 4339	Dante	3.0

## Renaissance

Choose **one** from the following:

- Approved Upper Division Special Topics course in 16th or 17th Century Literature

Item #	Title	Credits
ENGL 3320	Sixteenth-Century Poetry and Prose	3.0
ENGL 3324	Seventeenth-Century Poetry and Prose	3.0
ENGL 3326	Milton	3.0

## 18th & 19th Century

Choose **one** of the following:

- Approved Upper Division Special Topics course in 18th or 19th Century Literature

Item #	Title	Credits
ENGL 3314	Development of the Novel	3.0
ENGL 3330	The Augustan Age	3.0
ENGL 3340	English Romantic Poets	3.0
ENGL 3344	Victorian Poetry	3.0
ENGL 3345	Nineteenth Century Novel	3.0
ENGL 4327	Austen	3.0
ENGL 4328	Dickens	3.0
ENGL 4329	Hardy	3.0

## Modern

Choose **one** of the following:

- Approved Upper Division Special Topics course in 20th Century or Contemporary Literature

Item #	Title	Credits
ENGL 4314	Modern Poetry	3.0
ENGL 4320	Modern Drama	3.0
ENGL 4324	Modern British Novel	3.0

## American

Choose **one** of the following:

- Approved Upper Division Special Topics course in American Literature

Item #	Title	Credits
ENGL 4310	American Literature I	3.0
ENGL 4311	American Literature II	3.0
ENGL 4325	Modern American Novel	3.0

## English Electives

- 3 credit hours of 3000/4000 level ENGL courses

## Senior Thesis

Item #	Title	Credits
ENGL 4399	Capstone in Literature: Literary Criticism & Senior Thesis	3.0

## Foreign Language

- Choose two sequential courses in a single foreign language

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<b>Total Credits</b>	<b>39</b>
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## English with Concentration in Writing

### Degree Type

Bachelor of Arts

### Required for All English Majors

Item #	Title	Credits
ENGLC 1301	The Classical Tradition	3.0
ENGLC 1302	Middle Ages and Renaissance	3.0
ENGLC 2301	Modern World and American Expressions	3.0

### Major Author

Choose **one** from the following:

Item #	Title	Credits
ENGL 3310	Chaucer	3.0
ENGL 3316	Shakespeare	3.0
ENGL 4319	Shakespearean Topics	3.0
ENGL 3326	Milton	3.0
ENGL 4339	Dante	3.0
ENGL 4327	Austen	3.0
ENGL 4328	Dickens	3.0
ENGL 4329	Hardy	3.0

### Genre

Choose **one** from the following:

Item #	Title	Credits
ENGL 3310	Chaucer	3.0
ENGL 3316	Shakespeare	3.0
ENGL 4319	Shakespearean Topics	3.0
ENGL 3326	Milton	3.0
ENGL 4339	Dante	3.0
ENGL 4327	Austen	3.0
ENGL 4328	Dickens	3.0
ENGL 4329	Hardy	3.0
ENGL 3314	Development of the Novel	3.0
ENGL 3320	Sixteenth-Century Poetry and Prose	3.0
ENGL 3324	Seventeenth-Century Poetry and Prose	3.0
ENGL 3340	English Romantic Poets	3.0
ENGL 3344	Victorian Poetry	3.0
ENGL 3345	Nineteenth Century Novel	3.0
ENGL 4314	Modern Poetry	3.0
ENGL 4320	Modern Drama	3.0
ENGL 4324	Modern British Novel	3.0



## Period

Choose **one** from the following

Item #	Title	Credits
ENGL 3310	Chaucer	3.0
ENGL 3316	Shakespeare	3.0
ENGL 4319	Shakespearean Topics	3.0
ENGL 3326	Milton	3.0
ENGL 3330	The Augustan Age	3.0
ENGL 4339	Dante	3.0
ENGL 4327	Austen	3.0
ENGL 4328	Dickens	3.0
ENGL 4329	Hardy	3.0
ENGL 3314	Development of the Novel	3.0
ENGL 3320	Sixteenth-Century Poetry and Prose	3.0
ENGL 3324	Seventeenth-Century Poetry and Prose	3.0
ENGL 3340	English Romantic Poets	3.0
ENGL 3344	Victorian Poetry	3.0
ENGL 3345	Nineteenth Century Novel	3.0
ENGL 4310	American Literature I	3.0
ENGL 4311	American Literature II	3.0
ENGL 4325	Modern American Novel	3.0
ENGL 4314	Modern Poetry	3.0
ENGL 4320	Modern Drama	3.0
ENGL 4324	Modern British Novel	3.0

## Writing

Choose **five** of the following:

Item #	Title	Credits
ENGL 3307	Creative Writing: Poetry	3.0
ENGL 3308	Creative Writing: Fiction	3.0
ENGL 3336	Creative Writing: Memoir	3.0
ENGL 3337	Creative Writing: Play Writing	3.0
ENGL 3335	Professional Writing and Editing	3.0
ENGL 4307	Advanced Creative Writing	3.0
ENGL 4326	Advanced Rhetoric	3.0
ENGL 4360	Advanced Writing (Non-Fiction)	3.0
ENGL 4323	Literary Magazine	3.0
ENGL 4334	Feature Magazine (Thoroughfare)	3.0

## English Electives

- 3 credit hours of 3000/4000 level ENGL courses

## Senior Thesis

Item #	Title	Credits
ENGL 4399	Capstone in Literature: Literary Criticism & Senior Thesis	3.0

## Foreign Language

- Choose two sequential courses in a single foreign language

**Total Credits**

**45**

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## Esports

### Degree Type

Minor

### Esports Required Courses

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ESPT 2272	Intro to Esports	2.0
PSYC 3345	Sport Psychology	3.0
EDUC 3350	Coaching for Success	3.0
INST 3355	Intercultural Issues	3.0
COMSC 3371	Introduction to Data Analytics	3.0
ESPT 4272	Contemporary Issues in Esports	2.0
ESPT 4291	Internship/Capstone Project	2.0
	<b>Total Credits</b>	<b>18</b>

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## Ethical Leadership

### Degree Type

Minor

**Contact:** Dr. Timothy J. Furlan

Leadership Studies minors offered through the Center for Ethical Leadership are vocation centered. Students reflect on their particular calling and their response to it as leaders in their professions, community, and families. They are encouraged to think reflectively, critically, analytically, and creatively toward living a life of service in their chosen vocations.

Take 9 hours from ONE concentration.

### Leadership Core

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
UNIV 3350	Ethical Leadership	3.0
THEO 3359	Theology and the Liberal Arts	3.0
UNIV 4338	Leadership in Action	3.0

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## Peace and Reconciliation Concentration

Item #	Title	Credits
INST 3366	The American Foreign Policy Process	3.0
INST 4364	International Law	3.0
IRST 3368	Northern Ireland: Conflict and Peace	3.0
PHIL 4360	Philosophy of War and Peace	3.0
POSC 3333	Law and Society	3.0
PSYC 4439	Special Topics in Applied Psychology	4.0
COMM 4385	Small Group Interaction	3.0

## Business Concentration

- PHIL 3314 is REQUIRED

Item #	Title	Credits
PHIL 3314	Business Ethics	3.0
MGMT 3320	Business Communications	3.0
MGMT 3348	Human Resource Management	3.0
MGMT 3349	Managing Behavior in Organizations	3.0
MGMT 3385	Project Management	3.0
MGMT 4330	Entrepreneurship & Conscious Capitalism	3.0
MGMT 4331	Business Law	3.0

## Education Concentration

Item #	Title	Credits
EDUC 3304	Introduction to Curriculum and Instruction	3.0
EDUC 3307	Investigating Critical Issues in Education	3.0
EDUC 3339	Multicultural Populations	3.0
PHIL 4366	Philosophy of Education	3.0
BIE_DL 4330	Foundations and Methods of Second Language Acquisition	3.0
SPED 4320	Exceptionality in Today's Schools	3.0

## Nursing Concentration

Item #	Title	Credits
NURS 4356	Holistic Nursing: Foundation for Clinical Leadership	3.0
NURS 4655	Transition to Holistic Nursing Practice	6.0
<b>Total Credits</b>		<b>18</b>

## Finance

### Degree Type

Bachelor of Business Administration & Master of Science in Finance

Total undergraduate hours (120hrs) and graduate hours (30hrs): 150 Credit Hours Total. Total below is only combination of undergraduate Finance Major and MSF degree. Additional coursework (core, electives) for undergraduate degree required to reach the 150hr total.

## Business Foundation Courses

Item #	Title	Credits
ACCT 1341	Principles of Accounting I	3.0
ACCT 1342	Principles of Accounting II	3.0
ECON 1331	Principles of Macroeconomics	3.0
ECON 1332	Principles of Microeconomics	3.0
MATH 1353	Mathematics for Economics and Business	3.0
MATH 3332	Elementary Statistical Methods for Economics & Business	3.0
MGMT 2347	Principles of Management	3.0
MGMT 3320	Business Communications	3.0

## Business Required Courses

Item #	Title	Credits
DEIS 4333	Principles of Operations Management	3.0
ECON 3331	International Economics	3.0
FINA 3339	Corporate Finance	3.0
MGMT 3390	Management Information Systems	3.0
MGMT 4331	Business Law	3.0
MKTG 3343	Principles of Marketing	3.0

## Finance Required Courses

Take 3 courses at the UG level and 1 course will be at the grad level

Item #	Title	Credits
FINA 3334	International Financial Management	3.0
FINA 3335	Financial Institutions and Markets	3.0
FINA 3350	Investment Analysis	3.0
FINA 4350	Risk Management	3.0

## Finance Electives

Choose **two courses** from the following

Item #	Title	Credits
ACCT 3336	Financial Statement Analysis	3.0
FINA 3349	Principles of Real Estate	3.0
FINA 4340	Capital Budgeting	3.0
FINA 4391	Internship in Finance	3.0

## MSF Core Courses

*FINA 5350 Capstone Course - must be taken in last nine hours.*

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ACCT 6313	Managerial Accounting and Decision Making	3.0
FINA 6318	Financial Management	3.0
FINA 6319	Investments	3.0
FINA 6330	International Finance	3.0
FINA 6331	Financial Institutions and Markets	3.0
FINA 6341	Futures, Swaps, and Options	3.0
FINA 6346	Fixed Income Securities	3.0
FINA 6350	Securities Analysis & Portfolio Management	3.0

## MSF Elective Courses

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ACCT 6399	Professional Ethics and Social Responsibility	3.0
FINA 6333	Real Estate Investment	3.0
FINA 6336	Financial Statement Analysis	3.0
FINA 6292	Independent Research in Finance	2.0
FINA 6347	Behavioral Finance	3.0
FINA 6348	Mergers and Acquisitions	3.0
FINA 6391	Internship	3.0
FINA 6393	Special Topics in Finance	3.0
MBA 6326	International Economics	3.0
	<b>Total Credits</b>	<b>96</b>

## Finance

### Degree Type

Minor

## Finance Required Courses

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ACCT 1341	Principles of Accounting I	3.0
ECON 1332	Principles of Microeconomics	3.0
FINA 3335	Financial Institutions and Markets	3.0
FINA 3339	Corporate Finance	3.0
MATH 3332	Elementary Statistical Methods for Economics & Business	3.0

## Finance Electives

Choose one of the following:

Item #	Title	Credits
FINA 3334	International Financial Management	3.0
FINA 3350	Investment Analysis	3.0
FINA 4350	Risk Management	3.0
FINA 4391	Internship in Finance	3.0
FINA 4392	Dir Reading/Independent Study	3.0
FINA 4393	Special Topics in Finance	3.0
	<b>Total Credits</b>	<b>18</b>

## Finance

### Degree Type

Bachelor of Business Administration

The finance degree program provides a solid body of theoretical and practical knowledge of domestic and international finance in the areas of corporate finance, risk management, investments, portfolio management, financial markets, financial planning, financial forecasting and financial institutions. The program prepares students for careers in the field of finance including:

- Commercial banking
- Financial management
- Risk management
- Portfolio management
- Post-baccalaureate study in business or law

## Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.

## Business Foundation Courses

Item #	Title	Credits
ACCT 1341	Principles of Accounting I	3.0
ACCT 1342	Principles of Accounting II	3.0
ECON 1331	Principles of Macroeconomics	3.0
ECON 1332	Principles of Microeconomics	3.0
MATH 1353	Mathematics for Economics and Business	3.0
MATH 3332	Elementary Statistical Methods for Economics & Business	3.0
MGMT 2347	Principles of Management	3.0
MGMT 3320	Business Communications	3.0

## Business Required Courses

Item #	Title	Credits
DEIS 4333	Principles of Operations Management	3.0
ECON 3331	International Economics	3.0
FINA 3339	Corporate Finance	3.0
MGMT 3390	Management Information Systems	3.0
MGMT 4331	Business Law	3.0
MKTG 3343	Principles of Marketing	3.0

## Business Capstone

Take during final semester at UST

Item #	Title	Credits
MGMT 4399	Senior Seminar	3.0

## Finance Required Courses

Item #	Title	Credits
FINA 3334	International Financial Management	3.0
FINA 3335	Financial Institutions and Markets	3.0
FINA 3350	Investment Analysis	3.0
FINA 4350	Risk Management	3.0

## Finance Electives

Complete **six** hours from the following

Item #	Title	Credits
ACCT 3336	Financial Statement Analysis	3.0
FINA 3349	Principles of Real Estate	3.0
FINA 4340	Capital Budgeting	3.0
FINA 4191	Internship in Finance	1.0
FINA 4291	Internship in Finance	2.0
FINA 4391	Internship in Finance	3.0
FINA 4192	Directed Reading/Independent Study	1.0
FINA 4292	Directed Reading/Independent Study	2.0
FINA 4392	Dir Reading/Independent Study	3.0
FINA 4393	Special Topics in Finance	3.0
	<b>Total Credits</b>	<b>63</b>

## Finance

### Degree Type

Bachelor of Business Administration & Master of Business Administration

Total undergraduate hours (114 minimum) and graduate hours (36 minimum): 150 Credit Hours Total

### Business Foundation Courses

Item #	Title	Credits
ACCT 1341	Principles of Accounting I	3.0
ACCT 1342	Principles of Accounting II	3.0
ECON 1331	Principles of Macroeconomics	3.0
ECON 1332	Principles of Microeconomics	3.0
MATH 1353	Mathematics for Economics and Business	3.0
MATH 3332	Elementary Statistical Methods for Economics & Business	3.0
MGMT 2347	Principles of Management	3.0
MGMT 3320	Business Communications	3.0

### Business Required Courses

Item #	Title	Credits
DEIS 4333	Principles of Operations Management	3.0
ECON 3331	International Economics	3.0
FINA 3339	Corporate Finance	3.0
MGMT 3390	Management Information Systems	3.0
MGMT 4331	Business Law	3.0
MKTG 3343	Principles of Marketing	3.0

### Finance Required Courses

Take 3 courses at the UG level and 1 course will be at the grad level

Item #	Title	Credits
FINA 3334	International Financial Management	3.0
FINA 3335	Financial Institutions and Markets	3.0
FINA 3350	Investment Analysis	3.0
FINA 4350	Risk Management	3.0

### Finance Electives

Choose **two courses** from the following

Item #	Title	Credits
ACCT 3336	Financial Statement Analysis	3.0
FINA 3349	Principles of Real Estate	3.0
FINA 4340	Capital Budgeting	3.0
FINA 4391	Internship in Finance	3.0



## MBA Core Courses

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MBA 6315	Operations Management and Supply Chain	3.0
MBA 5318	Financial Management	3.0
MBA 6320	Marketing Strategy	3.0
MBA 6322	Organizational Behavior	3.0
MBA 6311	Managerial Economics	3.0
MBA 6357	Management Information Systems	3.0
MBA 6370	Applied Strategic Management (Capstone Course)	3.0
ACCT 6313	Managerial Accounting and Decision Making	3.0
MBA 6325	Ethical and Moral Business Management	3.0

## MBA Finance Required Courses

Finance course not taken at the UG level plus two electives

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ACCT 6314	Contemporary Issues in Finance & Accounting	3.0
FINA 6319	Investments	3.0
FINA 6330	International Finance	3.0
FINA 6331	Financial Institutions and Markets	3.0
FINA 6336	Financial Statement Analysis	3.0
FINA 6341	Futures, Swaps, and Options	3.0
FINA 6333	Real Estate Investment	3.0
<b>Total Credits</b>		<b>93</b>

## Free Enterprise and Entrepreneurship

### Degree Type

Minor

**Minor Advisor:** Dr. Beena George

### Required Minor Courses

Complete 9hrs of the following courses.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MGMT 4330	Entrepreneurship & Conscious Capitalism	3.0
FINA 2320	Personal Finance	3.0
MKTG 4320	E-Commerce	3.0
MGMT 4391	Internship in Business Administration/Marketing	3.0

### Concentration Requirement

Complete 6hrs in one of the following concentrations below.

## Entrepreneurship Concentration

Item #	Title	Credits
MGMT 3390	Management Information Systems	3.0
MGMT 4331	Business Law	3.0
MGMT 3320	Business Communications	3.0
FINA 3339	Corporate Finance	3.0
MGMT 3348	Human Resource Management	3.0
MKTG 3343	Principles of Marketing	3.0
DEIS 4333	Principles of Operations Management	3.0

## Science Concentration

Item #	Title	Credits
BIOL 3321	Genetics	3.0
BIOL 3334	Biochemistry	3.0
CHEM 3343	Analytical Chemistry	3.0
CHEM 3143	Analytical Chemistry Laboratory	1.0
MATH 3332	Elementary Statistical Methods for Economics & Business	3.0
MATH 3450	Biostatistics I	4.0
ENGR 3333	Electrical Circuits I	3.0
PHYS 3337	Modern Physics	3.0

## Social & Behavioral Science Concentration

Item #	Title	Credits
PSYC 3339	Human Growth and Development	3.0
PSYC 3433	Foundations of Statistical Analysis	4.0
INST 3355	Intercultural Issues	3.0
INST 4364	International Law	3.0
COMM 3382	Mass Communication Law	3.0
COMM 4375	Media Ethics	3.0

## Nursing Concentration

Item #	Title	Credits
NURS 2032	Clinical Reasoning in Nursing	3.0
NURS 3270	Clinical Inquiry/EBP/Informatics	2.0
NURS 3391	Nursing Externship	3.0
NURS 4251	Nursing Informatics	2.0
NURS 4356	Holistic Nursing: Foundation for Clinical Leadership	3.0
	<b>Total Credits</b>	<b>15</b>

## General Business

### Degree Type

Associate of Applied Science

## General Business Core

Complete all of the following courses.

Item #	Title	Credits
GENB 1301	Principled Business	3.0
GENB 1312	Introduction to Business	3.0
GENB 1320	Business Communication	3.0
GENB 1331	Principles of Macroeconomics	3.0
GENB 1332	Principles of Microeconomics	3.0
GENB 1341	Principles of Accounting 1	3.0
GENB 2339	Introduction to Finance	3.0
GENB 2340	Leadership	3.0
GENB 2343	Principles of Marketing	3.0
GENB 2347	Principles of Management	3.0
GENB 2358	Business Law	3.0
LS 1301	Foundations of Liberal Learning	3.0
PHILC 1301	Philosophy of Nature and the Human Person	3.0

## Math Requirement Option

Complete one of the following courses.

Item #	Title	Credits
MATH 1324	Math for Business & Social Sciences	3.0
MATH 1355	Fundamentals of Statistics	3.0

## General Business Electives

Complete 18hrs of the following courses.

Item #	Title	Credits
GENB 1305	Writing and Research	3.0
GENB 1342	Principles of Accounting 2	3.0
GENB 2330	Entrepreneurship & Conscious Capital	3.0
GENB 2348	Human Resource Management	3.0
GENB 2353	Foundations of Personal Sales	3.0
GENB 2355	Personal Selling	3.0
GENB 2361	Social Media Marketing	3.0
GENB 2362	Social Media Marketing Practicum	3.0
GENB 2363	Advertising and Promotion	3.0
GENB 2397	Accounting Applications	3.0
MATH 1355	Fundamentals of Statistics	3.0
	<b>Total Credits</b>	<b>60</b>

## General Business

### Degree Type

Minor

Students who are not enrolled in the Cameron School of Business may obtain a working knowledge of the field of business by pursuing a general business minor. The General Business minor is not available to students who are pursuing a Cameron School of Business major.

### Core Required Courses

Item #	Title	Credits
MGMT 1347	Introduction to Business	3.0
MGMT 2347	Principles of Management	3.0
ACCT 1301	Intro to Financial and Managerial Accounting	3.0

### Economics Requirement

Choose one of the following:

Item #	Title	Credits
ECON 1331	Principles of Macroeconomics	3.0
ECON 1332	Principles of Microeconomics	3.0

### Business Course Requirement Option

Choose any three classes offered by the Cameron School of Business at the 3000 or 4000 level, provided the prerequisites for the class are met or with Department Chair's approval.

<b>Total Credits</b>	<b>21</b>
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### General Science

#### Degree Type

Associate of Applied Science

## General Science Core

General Science Course Requirement: Complete all of the following courses.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
GENS 1420	Fundamentals of Human Anatomy & Physiology I	4.0
GENS 2420	Fundamentals of Human Anatomy & Physiology II	4.0
PSYC 3339	Human Growth and Development	3.0
GENS 1410	Fundamentals of Microbiology	4.0
GENS 1330	Fundamentals of Biology I	3.0
GENS 2330	Fundamentals of Biology II	3.0
GENS 1340	Fundamentals of Chemistry I	3.0
GENS 2340	Fundamentals of Chemistry II	3.0
GENS 1350	Fundamentals of Physics I	3.0
GENS 2350	Fundamentals of Physics II	3.0
GENS 2315	College Algebra	3.0
PHILC 1301	Philosophy of Nature and the Human Person	3.0
PHILC 2301	Ethics	3.0
LS 1301	Foundations of Liberal Learning	3.0
ACOM 1350	Basics of Writing	3.0
DAAC 1301	Introduction to Helping Professions	3.0
PSYC 1332	General Psychology	3.0

## General Science Electives

General Science Elective Course Requirement: Complete 6hrs from any course offerings from the Kolbe School.

<b>Total Credits</b>	<b>60</b>
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## General Studies

### Degree Type

Associate of Applied Science

## General Studies Core Course Requirement

Item #	Title	Credits
AUNI 1300	College Foundations	3.0
ENGL 1301	Composition I	3.0
PSYC 2301	General Psychology	3.0
HIST 1301	United States History I	3.0
HIST 1302	United States History II	3.0
ARTS 1300	Art Appreciation	3.0
ENGL 2327	American Literature I	3.0
MATH 1314	College Algebra	3.0
MATH 1324	Math for Business & Social Sciences	3.0
GENB 1305	Writing and Research	3.0
SOCI 1301	Introductory Sociology	3.0
SPCH 1311	Introduction to Speech Communication	3.0
PHIL 1311	The Philosophy of the Human Person	3.0
PHIL 2314	Ethics	3.0
AUNI 2398	Capstone	3.0

## General Studies Elective Course Requirement

Electives can be chosen from a designated list of courses in Kolbe's programs:

- General Business
- Technology
- Drug and Alcohol Counseling

**Total Credits**

**60**

## Generalist and Bilingual Generalist: EC-6

### Degree Type

Bachelor of Arts

*Note: Preparation for student teaching requires 50 hours of school-based field experiences, 10 hours of church/community service, and 20 hours of professional development. Please see the [School of Education and Human Services Undergraduate Teacher Education](#) page for more information about teacher education requirements.*

## Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.

### Mathematics

Item #	Title	Credits
MATH 1351	Finite Mathematics	3.0
MATH 2437	Contemporary Mathematics for Elementary Teachers	4.0

### Natural Science

Choose two lecture/laboratory courses from the Natural Sciences Core course list.

### History

Item #	Title	Credits
HIST 2333	United States to 1877	3.0
HIST 2334	United States since 1877	3.0

### Geography

Item #	Title	Credits
GEOG 2332	World Regional Geography	3.0

### Political Science

Choose **one** from the following:

Item #	Title	Credits
POSC 2331	American Federal Government	3.0
POSC 2332	Texas State and Local Government	3.0

## Professional Development

Must be completed at UST.

Item #	Title	Credits
EDUC 3100	Field Experience Seminar I	1.0
EDUC 3101	Field Experience Seminar II	1.0
EDUC 3102	Field Experience Seminar III	1.0
EDUC 3304	Introduction to Curriculum and Instruction	3.0
EDUC 3306	Early Childhood through Elementary Age Learning	3.0
EDUC 3313	Digital Instructional Strategies	3.0
EDUC 3339	Multicultural Populations	3.0
EDUC 4338	Classroom Management	3.0
EDUC 4360	Student Teaching, Elementary	3.0
EDUC 4363	Student Teaching, Elementary/Bilingual	3.0

## Multidisciplinary Studies

Item #	Title	Credits
MS 4331	Essentials of Science	3.0
MS 4333	Essentials of Mathematics	3.0
MS 4335	Essentials of Social Studies	3.0

## Reading

Item #	Title	Credits
RDGED 3305	Foundations of Reading	3.0
RDGED 4325	Diagnosis & Remediation of Rdg Difficulties	3.0

## Special Education

Item #	Title	Credits
SPED 4320	Exceptionality in Today's Schools	3.0

## Dual Language/Bilingual Education Specialization

Item #	Title	Credits
BIE_DL 4330	Foundations and Methods of Second Language Acquisition	3.0
BIE_DL 4331	Teaching the Content Areas in Bilingual Education (Elementary)	3.0
BIE_DL 4362	Techniques of Teaching English as a Second Language	3.0
BIE_DL 4364	Spanish Language Arts for the Spanish Dominant Child	3.0
BIE_DL 4365	Spanish Literature for Children & Adolescents	3.0
<b>Total Credits</b>		<b>84</b>

## Generalist and Supplemental Special Education: EC-6

### Degree Type

Bachelor of Arts

*Note: Preparation for student teaching requires 50 hours of school-based field experiences, 10 hours of church/community service, and 20 hours of professional development. Please see the [School of Education and Human Services Undergraduate Teacher Education](#) page for more information about teacher education requirements.*



## Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.

### Mathematics

Item #	Title	Credits
MATH 1351	Finite Mathematics	3.0
MATH 2437	Contemporary Mathematics for Elementary Teachers	4.0

### Natural Science

Choose two lecture/laboratory courses from the Natural Sciences Core course list.

### History

Item #	Title	Credits
HIST 2333	United States to 1877	3.0
HIST 2334	United States since 1877	3.0

### Geography

Item #	Title	Credits
GEOG 2332	World Regional Geography	3.0

### Political Science

Choose **one** from the following:

Item #	Title	Credits
POSC 2331	American Federal Government	3.0
POSC 2332	Texas State and Local Government	3.0

## Professional Development

Must be completed at UST.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
EDUC 3100	Field Experience Seminar I	1.0
EDUC 3101	Field Experience Seminar II	1.0
EDUC 3102	Field Experience Seminar III	1.0
EDUC 3304	Introduction to Curriculum and Instruction	3.0
EDUC 3306	Early Childhood through Elementary Age Learning	3.0
EDUC 3313	Digital Instructional Strategies	3.0
EDUC 3339	Multicultural Populations	3.0
EDUC 4338	Classroom Management	3.0
EDUC 4360	Student Teaching, Elementary	3.0
EDUC 4361	Student Teaching, Elementary	3.0

## Multidisciplinary Studies

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MS 4331	Essentials of Science	3.0
MS 4333	Essentials of Mathematics	3.0
MS 4335	Essentials of Social Studies	3.0

## Reading

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
RDGED 3305	Foundations of Reading	3.0
RDGED 4325	Diagnosis & Remediation of Rdg Difficulties	3.0
RDGED 4325	Diagnosis & Remediation of Rdg Difficulties	3.0

## English as a Second Language

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
BIE_DL 4330	Foundations and Methods of Second Language Acquisition	3.0

## Special Education

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SPED 4320	Exceptionality in Today's Schools	3.0

## Special Education

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SPED 4320	Exceptionality in Today's Schools	3.0
SPED 4325	Theories & Approaches to Teaching Students with Mild Disabilities	3.0
SPED 4329	Practicum in Teaching Students with Mild Disabilities	3.0
SPED 4322	Theory and Behavior of Students with Emotional Disorders	3.0
SPED 4331	Differentiating Instruction	3.0
	<b>Total Credits</b>	<b>90</b>

## Generalist with ESL Endorsement: EC-6

### Degree Type

Bachelor of Arts

*Note: Preparation for student teaching requires 50 hours of school-based field experiences, 10 hours of church/community service, and 20 hours of professional development. Please see the [School of Education and Human Services Undergraduate Teacher Education](#) page for more information about teacher education requirements.*

## Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.

## Mathematics

Item #	Title	Credits
MATH 1351	Finite Mathematics	3.0
MATH 2437	Contemporary Mathematics for Elementary Teachers	4.0

## Natural Science

Choose two lecture/laboratory courses from the Natural Sciences Core course list.

## History

Item #	Title	Credits
HIST 2333	United States to 1877	3.0
HIST 2334	United States since 1877	3.0

## Geography

Item #	Title	Credits
GEOG 2332	World Regional Geography	3.0

## Political Science

Choose **one** from the following:

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
POSC 2331	American Federal Government	3.0
POSC 2332	Texas State and Local Government	3.0

## Professional Development

Must be completed at UST.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
EDUC 3100	Field Experience Seminar I	1.0
EDUC 3101	Field Experience Seminar II	1.0
EDUC 3102	Field Experience Seminar III	1.0
EDUC 3304	Introduction to Curriculum and Instruction	3.0
EDUC 3306	Early Childhood through Elementary Age Learning	3.0
EDUC 3313	Digital Instructional Strategies	3.0
EDUC 3339	Multicultural Populations	3.0
EDUC 4338	Classroom Management	3.0
EDUC 4360	Student Teaching, Elementary	3.0
EDUC 4361	Student Teaching, Elementary	3.0

## Multidisciplinary Studies

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MS 4331	Essentials of Science	3.0
MS 4333	Essentials of Mathematics	3.0
MS 4335	Essentials of Social Studies	3.0

## Reading

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
RDGED 3305	Foundations of Reading	3.0
RDGED 4325	Diagnosis & Remediation of Rdg Difficulties	3.0

## Special Education

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SPED 4320	Exceptionality in Today's Schools	3.0

## ESL Specialization

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
BIE_DL 4330	Foundations and Methods of Second Language Acquisition	3.0
BIE_DL 4333	Applied Linguistics	3.0
BIE_DL 4362	Techniques of Teaching English as a Second Language	3.0
BIE_DL 4331	Teaching the Content Areas in Bilingual Education (Elementary)	3.0
	<b>Total Credits</b>	<b>81</b>

## Generalist: EC-6

### Degree Type

Bachelor of Arts

*Note: Preparation for student teaching requires 50 hours of school-based field experiences, 10 hours of church/community service, and 20 hours of professional development. Please see the [School of Education and Human Services Undergraduate Teacher Education](#) page for more information about teacher education requirements.*

## Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.

## Mathematics

Item #	Title	Credits
MATH 1351	Finite Mathematics	3.0
MATH 2437	Contemporary Mathematics for Elementary Teachers	4.0

## Natural Science

Choose two lecture/laboratory courses from the Natural Sciences Core course list.

## History

Item #	Title	Credits
HIST 2333	United States to 1877	3.0
HIST 2334	United States since 1877	3.0

## Geography

Item #	Title	Credits
GEOG 2332	World Regional Geography	3.0

## Political Science

Choose **one** from the following:

Item #	Title	Credits
POSC 2331	American Federal Government	3.0
POSC 2332	Texas State and Local Government	3.0

## Professional Development

Must be completed at UST.

Item #	Title	Credits
EDUC 3100	Field Experience Seminar I	1.0
EDUC 3101	Field Experience Seminar II	1.0
EDUC 3102	Field Experience Seminar III	1.0
EDUC 3304	Introduction to Curriculum and Instruction	3.0
EDUC 3306	Early Childhood through Elementary Age Learning	3.0
EDUC 3313	Digital Instructional Strategies	3.0
EDUC 3339	Multicultural Populations	3.0
EDUC 4338	Classroom Management	3.0
EDUC 4360	Student Teaching, Elementary	3.0
EDUC 4361	Student Teaching, Elementary	3.0

## Multidisciplinary Studies

Item #	Title	Credits
MS 4331	Essentials of Science	3.0
MS 4333	Essentials of Mathematics	3.0
MS 4335	Essentials of Social Studies	3.0

## Reading

Item #	Title	Credits
RDGED 3305	Foundations of Reading	3.0
RDGED 4325	Diagnosis & Remediation of Rdg Difficulties	3.0
RDGED 4325	Diagnosis & Remediation of Rdg Difficulties	3.0

## Special Education

Item #	Title	Credits
SPED 4320	Exceptionality in Today's Schools	3.0
<b>Total Credits</b>		<b>75</b>

## Global Cybersecurity

### Degree Type

Bachelor of Arts

The Bachelor of Arts in Global Cybersecurity at the University of St. Thomas addresses the important question of the efficacy of human agency and the role of technology in society today. The program provides students with the tools to understand and employ emerging digital technology, both theoretical and operational, in a

manner guided by ethics informed by Catholic social teaching. The multidisciplinary program offers courses aligned with the university core, international studies, and computer science, as well as new courses focused on enterprise cybersecurity, digital governance, geopolitical risk, cyber ethics, AI, and cyber warfare.

## Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.

## Global Cybersecurity (GCSE) Core

Item #	Title	Credits
INST 1351	Introduction to International Studies	3.0
GCSE 1351	Introduction to Enterprise Cybersecurity	3.0
INST 2352	Research Methods in Int' Stud	3.0
GCSE 3301	Computer Systems and Network Security Architecture	3.0
GCSE 3101	Computer Systems and Network Security Architecture	1.0
GCSE 3302	Network Operations and Data Security	3.0
GCSE 3102	Network Operations and Data Security Lab	1.0
INST 3355	Intercultural Issues	3.0

## GCSE Global & Regional Awareness

Choose **one** of the following:

Item #	Title	Credits
INST 3357	Regional Study of Europe	3.0
INST 3359	Regional Study of Latin America	3.0
INST 3360	Regional Study of East Asia	3.0
INST 3363	Regional Study of North Africa and the Middle East	3.0

## GCSE Global Cybersecurity Application

Complete 3 courses from the following options:

Item #	Title	Credits
GCSE 4301	Governing the Digital Ecosystem – Technology and Geopolitics	3.0
GCSE 4302	Cyber Ethics and the State	3.0
GCSE 4303	Geopolitical and Country Risk Analysis	3.0
GCSE 4379	Cyber Warfare	3.0

## GCSE Electives

Select from below. Approved courses from other departments are allowed. Consult with Advisor.

- GCSE 3000 level or 4000 courses

Item #	Title	Credits
GCSE 4391	Internship in Global Cybersecurity	3.0

## GCSE Computer Sciences

Will be waived for graduates of AAS in Cybersecurity based on successful completion of: ANET 1305, 2300, 2375, ASFT 1300 & ACYB 2305

Item #	Title	Credits
COMSC 1450	Introduction to Programming and Computer Science	4.0
COMSC 1451	Object Oriented Programming	4.0

## GCSE Capstone

Item #	Title	Credits
GCSE 4399	Capstone Project in Global Cybersecurity	3.0
<b>Total Credits</b>		<b>49</b>

## Global Cybersecurity

### Degree Type

Minor

*Please note: COMSC 1450 and 1451 (pre-requisites for GCSE 3301, 3101, 3302, and 3102) will be waived for graduates of the Kolbe School who earned an AAS in Cybersecurity based on successful completion of: ANET 1305, 2300, 2375, ASFT 1300 & ACYB 2305.*

## Global Cybersecurity Core Requirements

Item #	Title	Credits
GCSE 1351	Introduction to Enterprise Cybersecurity	3.0
GCSE 3301	Computer Systems and Network Security Architecture	3.0
GCSE 3101	Computer Systems and Network Security Architecture	1.0
GCSE 3302	Network Operations and Data Security	3.0
GCSE 3102	Network Operations and Data Security Lab	1.0



## Global Cybersecurity Electives

Complete 6hrs of the following or any 3000/4000-Level GCSE course with departmental approval.

Item #	Title	Credits
GCSE 4301	Governing the Digital Ecosystem - Technology and Geopolitics	3.0
GCSE 4302	Cyber Ethics and the State	3.0
GCSE 4303	Geopolitical and Country Risk Analysis	3.0
GCSE 4379	Cyber Warfare	3.0
GCSE 4391	Internship in Global Cybersecurity	3.0
<b>Total Credits</b>		<b>17</b>

## Health Services

### Degree Type

Minor

## Additional Courses

Complete all of the following courses.

Item #	Title	Credits
NURS 3343	Nursing Pharmacology	3.0
NURS 3344	Nursing Pathophysiology	3.0
NURS 2342	Health Assessment	3.0
NURS 2642	Foundations of Holistic Nursing Practice	6.0
NURS 3351	Art and Science of Holistic Nursing	3.0
<b>Total Credits</b>		<b>18</b>

## Health Simulation

### Degree Type

Post-Baccalaureate Certificate

## Health Simulation Required Courses

Complete all of the following courses.

Item #	Title	Credits
HLTHS 4160	Certification Exam Preparation	1.0
HLTHS 4340	Conceptual and Technical Foundations of Simulation Learning Methodology	3.0
HLTHS 4345	Strategic and Operational Leadership in Nursing Simulation	3.0
HLTHS 4350	Student and Program Evaluation	3.0
HLTHS 4355	Capstone Simulation Project	3.0
<b>Total Credits</b>		<b>13</b>

## History

### Degree Type

Minor

All history minors will complete 15hrs from the following courses, or in the case of transfer students, a program approved by the department chair.

### History Required Course

Item #	Title	Credits
HISTC 1301	History of Western Culture and Ideas	3.0

### History Requirement Option

Complete one course from the offerings below.

Item #	Title	Credits
HIST 1335	World Community I	3.0
HIST 1336	World Community II	3.0
HIST 2333	United States to 1877	3.0
HIST 2334	United States since 1877	3.0

### History Electives

Three upper-division (3000/4000 level) History courses. 3 hours of upper division Art History may apply.

<b>Total Credits</b>	<b>15</b>
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## History

### Degree Type

Bachelor of Arts

All history majors will complete the following course requirements or, in the case of transfer students, a program approved by the department chair. A history capstone research paper is also required.

### History Survey

Complete HISTC 1301 and either HIST 2333/2334 or HIST 1335/1336

Item #	Title	Credits
HISTC 1301	History of Western Culture and Ideas	3.0
HIST 2333	United States to 1877	3.0
HIST 2334	United States since 1877	3.0
HIST 1335	World Community I	3.0
HIST 1336	World Community II	3.0

### US History

Choose one course from the following:

Item #	Title	Credits
HIST 3336	Texas History	3.0
HIST 3348	History of Ideas in America	3.0
HIST 3350	Revolutionary America	3.0
HIST 3353	The American Civil War	3.0
HIST 3388	America in the World	3.0

## European History

Complete one of the following courses:

Item #	Title	Credits
HIST 3301	Greek and Roman History	3.0
HIST 3303	Medieval Europe	3.0
HIST 3304	Renaissance and Reformation	3.0
HIST 3305	Renaissance Women	3.0
HIST 3318	Medieval Women	3.0
HIST 3370	The Enlightenment and its Critics	3.0
HIST 3390	Capitalism and Communism	3.0

## Global History

Complete one of the following courses:

Item #	Title	Credits
HIST 3316	History & Cultures of Africa	3.0
HIST 3310	East Asian History and Culture	3.0
HIST 3311	Indo-Pacific History & Culture	3.0
HIST 3312	South Asian History & Culture	3.0
HIST 3309	History & Cultures of the Middle East	3.0
HIST 3340	Colonial Latin America	3.0
HIST 3343	Latin American Revolutions	3.0
HIST 3320	Modern Catholic Social Thought	3.0
HIST 4354	Environmental History	3.0

## Historiography

Complete one of the following courses.

Item #	Title	Credits
HIST 4330	The Historian's Craft	3.0
HIST 4345	Greek & Roman Historians	3.0
HIST 3348	History of Ideas in America	3.0

## History Electives

Choose 12 additional credit hours of 3000 or 4000 level history courses. Up to 6 hours of upper level Art History courses are allowed to fulfill this requirement.

**Total Credits**

**33**

## History: EC-7-12

### Degree Type

Bachelor of Arts

*Note: Preparation for student teaching requires 50 hours of school-based field experiences, 10 hours of church/community service, and 20 hours of professional development. Please see the [School of Education and Human Services Undergraduate Teacher Education](#) page for more information about teacher education requirements.*

## Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.

### History

Item #	Title	Credits
HIST 1335	World Community I	3.0
HIST 1336	World Community II	3.0
HIST 2333	United States to 1877	3.0
HIST 2334	United States since 1877	3.0
HIST 3336	Texas History	3.0

### History

Choose 5 additional 3000/4000 level courses in history.

### Political Science

Item #	Title	Credits
POSC 2331	American Federal Government	3.0
POSC 2332	Texas State and Local Government	3.0

### Geography

Item #	Title	Credits
GEOG 2332	World Regional Geography	3.0

## Professional Development

Must be completed at UST.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
EDUC 3100	Field Experience Seminar I	1.0
EDUC 3101	Field Experience Seminar II	1.0
EDUC 3102	Field Experience Seminar III	1.0
EDUC 3304	Introduction to Curriculum and Instruction	3.0
EDUC 3313	Digital Instructional Strategies	3.0
EDUC 3339	Multicultural Populations	3.0
EDUC 4338	Classroom Management	3.0
EDUC 4370	Student Teaching, Secondary	3.0
EDUC 4371	Student Teaching, Secondary	3.0

## Multidisciplinary Studies

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MS 4338	Adolescent Learning	3.0

## Reading

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
RDGED 3303	Content Area Reading	3.0

## English as a Second Language

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
BIE_DL 4330	Foundations and Methods of Second Language Acquisition	3.0

## Special Education

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SPED 4320	Exceptionality in Today's Schools	3.0
<b>Total Credits</b>		<b>72</b>

## Honors Program

### Degree Type

Track

## Honors Required Courses

Students must maintain an overall GPA of 3.000 ("B" standing) in their honors courses and an overall GPA of 3.000 in their other, non-honors, courses to continue in the program.

To graduate with an honors designation on the degree, a student must successfully complete all seven courses in the honors curriculum.

*\* The requirement of HNRS 3494 may be waived by the director if the student completes independent research in the major.*

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
HNRS 1391	The Tribe and the City	3.0
HNRS 1392	From Empire to Christendom	3.0
HNRS 2391	Church and Nation	3.0
HNRS 2392	Revolution and the New Empires	3.0
HNRS 3391	Foundations of Service	3.0
HNRS 4394	Independent Research Project	3.0
HNRS 4395	Contemporary Problems Seminar	3.0
	<b>Total Credits</b>	<b>21</b>

## Human Services

### Degree Type

Associate of Applied Science

## Human Services Course Requirements

Complete all of the following courses.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
DAAC 1300	Mental Health, Ethics, and Addiction	3.0
DAAC 1301	Introduction to Helping Professions	3.0
DAAC 1305	Theory and Treatment	3.0
DAAC 1310	Individual Counseling Skills	3.0
DAAC 1325	Group and Family Counseling	3.0
DAAC 1330	Documentation and Records	3.0
DAAC 1319	Substance-Related and Addictive Disorders	3.0
DAAC 2320	Crisis Intervention	3.0
DAAC 1342	Abnormal Behavior	3.0
DAAC 2340	Social Work Internship	3.0
PSYC 1332	General Psychology	3.0
PHILC 1301	Philosophy of Nature and the Human Person	3.0
PHILC 2301	Ethics	3.0
LS 1301	Foundations of Liberal Learning	3.0
AMAT 1300	Foundations of Mathematics I	3.0
DAAC 1331	Professional Communication in Counseling	3.0
ACOM 2305	Effective Communication	3.0
ACOM 1350	Basics of Writing	3.0
DAAC 1315	Multicultural Counseling	3.0
DAAC 2305	Advocacy and Social Justice	3.0

## Human Services

### Degree Type

Undergraduate Certificate

### Human Services Course Requirements

Complete all of the following courses.

Item #	Title	Credits
DAAC 1301	Introduction to Helping Professions	3.0
DAAC 1305	Theory and Treatment	3.0
DAAC 1310	Individual Counseling Skills	3.0
DAAC 1300	Mental Health, Ethics, and Addiction	3.0
DAAC 1325	Group and Family Counseling	3.0
DAAC 1319	Substance-Related and Addictive Disorders	3.0
DAAC 1330	Documentation and Records	3.0
DAAC 1342	Abnormal Behavior	3.0
DAAC 2320	Crisis Intervention	3.0
DAAC 2340	Social Work Internship	3.0
<b>Total Credits</b>		<b>30</b>

## Human Services Management

### Degree Type

Minor

Mission of the Minor: Equip leaders with business acumen and strategic thinking so that they may transform human services organizations to that the people they serve will flourish.

Graduates with this minor will have requisite skills and experience to understand the business and leadership of for-profit and not-for-profit organizations. The program leads to a certification in Human Services Management.

### Required Courses

Item #	Title	Credits
ACCT 1301	Intro to Financial and Managerial Accounting	3.0
MGMT 3977	Management of Human Services Organizations	1.5
MKTG 3978	Marketing for Human Services Organizations	1.5
MGMT 4379	Program Design, Assessment and Evaluation	3.0
FINA 3377	Financing of Human Service Organizations	3.0
MGMT 4377	Leadership and Strategic Management for HSO	3.0

## Field Specific

Choose **one** course:

Item #	Title	Credits
PSYC 3351	Industrial/Organizational Psychology	3.0
COMM 3345	Public Relations I	3.0
COMM 4385	Small Group Interaction	3.0
	<b>Total Credits</b>	<b>18</b>

## Industrial Chemistry

### Degree Type

Bachelor of Science & Master of Science in Industrial Chemistry

## Chemistry

Item #	Title	Credits
CHEM 1341	General Chemistry I	3.0
CHEM 1141	General Chemistry I Laboratory	1.0
CHEM 1342	General Chemistry II	3.0
CHEM 1142	General Chemistry II Laboratory	1.0
CHEM 2343	Organic Chemistry I	3.0
CHEM 2143	Organic Chemistry I Laboratory	1.0
CHEM 3333	Organic Chemistry II	3.0
CHEM 3133	Organic Chemistry II Laboratory	1.0
CHEM 3334	Biochemistry	3.0
CHEM 3134	Biochemistry Laboratory	1.0
CHEM 3343	Analytical Chemistry	3.0
CHEM 3143	Analytical Chemistry Laboratory	1.0
CHEM 4331	Advanced Organic Chemistry	3.0
CHEM 4131	Advanced Organic Chemistry Laboratory	1.0
CHEM 4332	Inorganic Chemistry	3.0
CHEM 4132	Inorganic Chemistry Laboratory	1.0
CHEM 4362	Physical Chemistry II	3.0
CHEM 4162	Reaction Kinetics	1.0
CHEM 4112	Scientific Communication	1.0
CHEM 4150	Laboratory Research Methods	1.0

## Additional Chemistry

Choose **two** from the following:

Item #	Title	Credits
CHEM 4334	Advanced Biochemistry	3.0
CHEM 4344	Advanced Analytical Techniques	3.0
CHEM 4354	Environmental Chemistry	3.0
CHEM 4364	Materials Science	3.0



## Mathematics

Must take in order.

Item #	Title	Credits
MATH 1431	Calculus I	4.0
MATH 1432	Calculus II	4.0
MATH 2343	Differential Equations I	3.0

## Physics

Choose one pair of courses

Item #	Title	Credits
	General Physics I & II w/ lab	
	University Physics I & II w/ Labs	

## Electives

Electives to reach a minimum of 117 undergraduate hours (8 credit hours)

### MSIPC Chemistry Courses

Item #	Title	Credits
CHEM 5301	Engineering Flow and Heat Exchange	3.0
CHEM 5302	Chemical Reactors and Separation Processes	3.0
CHEM 5303	Analysis and Design of Chemical Processes	3.0
CHEM 6301	Industrial Organic Chemicals	3.0
CHEM 6302	Industrial Inorganic Chemicals	3.0
CHEM 6303	Waste Management	3.0
CHEM 6304	Capstone Project/Internship	3.0

### MBA Courses

Item #	Title	Credits
MBA 6311	Managerial Economics	3.0
MBA 6315	Operations Management and Supply Chain	3.0
MBA 6322	Organizational Behavior	3.0
MBA 6325	Ethical and Moral Business Management	3.0
	<b>Total Credits</b>	<b>96</b>

## Integrated Studies

### Degree Type

Bachelor of Science

Director of Integrated Humanities: Dr. Thomas C. Behr, [behrt@stthom.edu](mailto:behrt@stthom.edu)

Intellectually and Spiritually this program addresses the problem long understood of the disconnect between Humanities and Natural Scientific and Technological educational formations, but from both directions where liberally educated individuals need to understand complicated scientific and technological issues, but also scientists and technologists need, perhaps more than ever, to understand the inescapable role of values and moral choices to be made in the progress of truly humane societies.

Through multidisciplinary study and research, students will develop cross-disciplinary modes of thinking that will offer out-of-the box creative perspectives, along with quantitative and qualitative reasoning skills, ethical awareness, analytical reading and communication skills, and both intellectual coherence and practical experience in problem solving and life.

Integrated Studies, Bachelor of Arts, Bachelor of Science, or the Bachelor of Applied Arts and Sciences, offers students a well-rounded, multidisciplinary undergraduate experience with training in both liberal arts and scientific/technical or professional skills that are in demand in the job market and marketplace of ideas. Together with the UST Core experience, Integrated Studies provides a future-looking focus to UST's Catholic educational tradition.

Bachelor of Science students must choose 1 minor from Humanities, 1 minor from STEM/Prof/SBS and 1 minor from any of the three categories. In addition, students must complete 6 credit hours of Math or Natural Science beyond core or relevant minor requirements.

## Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.

## Humanities Minor

Select one of the following minors:

Art History, Classical Languages, Creative Writing, Dance, Drama, English, History, Music, Philosophy, Spanish, Studio Arts or Theology

## STEM/Professional/Social and Behavioral Sciences

Select one of the following minors:

Accounting, Applied Statistics, Biology, Chemistry, Communication, Computer Science, Criminology – Law – Society, Data Analytics, Economics, Education, Finance, General Business, Health Services, History, Human Services Management, International Studies, Market Analysis, Marketing, Mathematics, Neuroscience, Physics, Political Science, Psychology, Public Administration or ROTC Program

## Interdisciplinary Minor

Select one of the following minors:

Catholic Social Thought, East Asia Studies, Free Enterprise/ Entrepreneurship, Irish Studies, Latin America Studies or Leadership Studies

## Additional Required Course and Electives

*Student must complete with a grade of "B" or better, ISTUD 2301 and Satisfy a Practicum requirement associated with a graded UST course, and which may be included for credit in one of the student's minor fields. Practicum options: Internship, Service Project, Capstone Seminar Research Paper, or Learning Abroad Course.*

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ISTUD 2301	Integrated Learning	3.0
<b>Total Credits</b>		<b>48-77</b>

## Integrated Studies

### Degree Type

Bachelor of Arts

Director of Integrated Humanities: Dr. Thomas C. Behr, [behr@stthom.edu](mailto:behr@stthom.edu)

Intellectually and Spiritually this program addresses the problem long understood of the disconnect between Humanities and Natural Scientific and Technological educational formations, but from both directions where liberally educated individuals need to understand complicated scientific and technological issues, but also scientists and technologists need, perhaps more than ever, to understand the inescapable role of values and moral choices to be made in the progress of truly humane societies.

Through multidisciplinary study and research, students will develop cross-disciplinary modes of thinking that will offer out-of-the box creative perspectives, along with quantitative and qualitative reasoning skills, ethical awareness, analytical reading and communication skills, and both intellectual coherence and practical experience in problem solving and life.

Integrated Studies, Bachelor of Arts, Bachelor of Science, or the Bachelor of Applied Arts and Sciences, offers students a well-rounded, multidisciplinary undergraduate experience with training in both liberal arts and scientific/technical or professional skills that are in demand in the job market and marketplace of ideas. Together with the UST Core experience, Integrated Studies provides a future-looking focus to UST's Catholic educational tradition.

Bachelor of Arts students must choose 1 minor from Humanities, 1 minor from STEM/Prof/SBS and 1 minor from any of the three categories.

## Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.

## Humanities Minor

Select one of the following minors:

Art History, Classical Languages, Creative Writing, Dance, Drama, English, History, Music, Philosophy, Spanish, Studio Arts or Theology

## STEM/Professional/Social and Behavioral Sciences

Select one of the following minors:

Accounting, Applied Statistics, Biology, Chemistry, Communication, Computer Science, Criminology – Law – Society, Data Analytics, Economics, Education, Finance, General Business, Health Services, History, Human Services Management, International Studies, Market Analysis, Marketing, Mathematics, Neuroscience, Physics, Political Science, Psychology, Public Administration or ROTC Program

## Interdisciplinary Minor

Select one of the following minors:

Catholic Social Thought, East Asia Studies, Free Enterprise/ Entrepreneurship, Irish Studies, Latin America Studies or Leadership Studies

## Additional Required Course and Electives

*Student must complete with a grade of "B" or better, ISTUD 2301 and Satisfy a Practicum requirement associated with a graded UST course, and which may be included for credit in one of the student's minor fields. Practicum options: Internship, Service Project, Capstone Seminar Research Paper, or Learning Abroad Course.*

Item #	Title	Credits
ISTUD 2301	Integrated Learning	3.0
	<b>Total Credits</b>	<b>48-77</b>

## Integrated Studies

### Degree Type

Bachelor of Applied Arts and Sciences

Director of Integrated Humanities: Dr. Thomas C. Behr, [behrt@stthom.edu](mailto:behrt@stthom.edu)

Intellectually and Spiritually this program addresses the problem long understood of the disconnect between Humanities and Natural Scientific and Technological educational formations, but from both directions where liberally educated individuals need to understand complicated scientific and technological issues, but also scientists and technologists need, perhaps more than ever, to understand the inescapable role of values and moral choices to be made in the progress of truly humane societies.

Through multidisciplinary study and research, students will develop cross-disciplinary modes of thinking that will offer out-of-the box creative perspectives, along with quantitative and qualitative reasoning skills, ethical awareness, analytical reading and communication skills, and both intellectual coherence and practical experience in problem solving and life.

Integrated Studies, Bachelor of Arts, Bachelor of Science, or the Bachelor of Applied Arts and Sciences, offers students a well-rounded, multidisciplinary undergraduate experience with training in both liberal arts and scientific/technical or professional skills that are in demand in the job market and marketplace of ideas. Together with the UST Core experience, Integrated Studies provides a future-looking focus to UST's Catholic educational tradition.

BAAS students must complete 1 minor from Humanities and 1 minor from STEM/Prof/SBS.

## Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.

## Humanities Minor

Select one of the following minors:

Art History, Classical Languages, Creative Writing, Dance, Drama, English, History, Music, Philosophy, Spanish, Studio Arts or Theology

## STEM/Professional/Social and Behavioral Sciences/Interdisciplinary Studies Minor

Select one of the following minors:

Accounting, Applied Statistics, Biology, Chemistry, Communication, Computer Science, Criminology – Law – Society, Data Analytics, Economics, Education, Finance, General Business, Health Services, History, Human Services Management, International Studies, Marketing, Mathematics, Neuroscience, Physics, Political Science, Psychology, Public Administration or Catholic Social Thought, East Asia Studies, Free Enterprise/ Entrepreneurship, Irish Studies, Latin America Studies, Esports Coaching or ROTC Program

### Technical Credit

*Credits toward the "technical credit" area of specialization may be earned from regionally accredited junior/ community colleges, vocational or technical schools, or ACE equivalent credit; credits may also be earned through armed forces training when that work can be equated to college credit. Final approval for any transfer credit into this area rests upon the program director based upon appropriateness toward the intended learning outcomes for the degree and toward the mission of the University of St. Thomas.*

*Technical hours MUST be completed prior to UST enrollment. The number of credit hours accepted in transfer for the technical credit specialization area will consist of a minimum of 15 hours and not exceed 45 hours. The other minor areas of the degree plan may include regular academic course equivalent transfer credit according to UST transfer credit policy. The total transfer credit accepted shall not exceed the limits stated in the undergraduate transfer credit policy.*

### Additional Required Course and Electives

*Student must complete with a grade of "B" or better, ISTUD 2301 and Satisfy a Practicum requirement associated with a graded UST course, and which may be included for credit in one of the student's minor fields. Practicum options: Internship, Service Project, Capstone Seminar Research Paper, or Learning Abroad Course.*

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
ISTUD 2301	Integrated Learning	3.0
<b>Total Credits</b>		<b>48-98</b>

## International Business

### Degree Type

Bachelor of Business Administration

The BBA in International Business major prepares students to become global business professionals, providing them with the knowledge, skills and experience necessary for successful careers including professional positions in international divisions of American companies and careers in the national or international government agencies concerned with international trade development. The ability to communicate in foreign communities is fundamental to effective international work.

## Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.

### Business Foundation Courses

Item #	Title	Credits
ACCT 1301	Intro to Financial and Managerial Accounting	3.0
ECON 1331	Principles of Macroeconomics	3.0
ECON 1332	Principles of Microeconomics	3.0
MATH 1353	Mathematics for Economics and Business	3.0
MATH 3332	Elementary Statistical Methods for Economics & Business	3.0
MGMT 2347	Principles of Management	3.0
MGMT 3320	Business Communications	3.0

### Business Required Courses

Item #	Title	Credits
ACCT 4366	Comparative Accounting Practices	3.0
DEIS 4333	Principles of Operations Management	3.0
ECON 3331	International Economics	3.0
FINA 3339	Corporate Finance	3.0
FINA 3334	International Financial Management	3.0
MGMT 3390	Management Information Systems	3.0
MGMT 4331	Business Law	3.0
MKTG 3343	Principles of Marketing	3.0

### Business Capstone

Take during final semester at UST

Item #	Title	Credits
MGMT 4399	Senior Seminar	3.0

## International Studies and Geography Required Courses

Item #	Title	Credits
GEOG 2332	World Regional Geography	3.0
INST 1351	Introduction to International Studies	3.0
INST 3351	Comparative Political Systems	3.0
INST 3352	International Politics	3.0
INST 3355	Intercultural Issues	3.0
INST 4364	International Law	3.0
INST 4369	Seminar in International Development Studies	3.0
INST 4377	Government-Business Relations in the Developing World	3.0

## International Regional Studies

Complete one of the following courses. (Pre-Req INST 1351)

Item #	Title	Credits
INST 3357	Regional Study of Europe	3.0
INST 3359	Regional Study of Latin America	3.0
INST 3360	Regional Study of East Asia	3.0
INST 3363	Regional Study of North Africa and the Middle East	3.0

## Modern and Classical Languages

Choose two sequential courses in one language. Courses must be completed in the approved order. Choose language options from French, Spanish, (Classical) Greek, Latin, Irish, Arabic, German, Italian, Japanese, Mandarin Chinese, Russian or other available language.

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<b>Total Credits</b>	<b>81</b>
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## International Business

### Degree Type

Bachelor of Business Administration & Master of Business Administration

The BBA in International Business major prepares students to become global business professionals, providing them with the knowledge, skills and experience necessary for successful careers including professional positions in international divisions of American companies and careers in the national or international government agencies concerned with international trade development. The ability to communicate in foreign communities is fundamental to effective international work and students **must complete the 10-hour foreign language** science requirement in the University core.

## Business Foundation Courses

Item #	Title	Credits
ACCT 1301	Intro to Financial and Managerial Accounting	3.0
ECON 1331	Principles of Macroeconomics	3.0
ECON 1332	Principles of Microeconomics	3.0
MATH 1353	Mathematics for Economics and Business	3.0
MATH 3332	Elementary Statistical Methods for Economics & Business	3.0
MGMT 2347	Principles of Management	3.0
MGMT 3320	Business Communications	3.0



## Business Required Courses

Item #	Title	Credits
ACCT 4366	Comparative Accounting Practices	3.0
DEIS 4333	Principles of Operations Management	3.0
ECON 3331	International Economics	3.0
FINA 3339	Corporate Finance	3.0
FINA 3334	International Financial Management	3.0
MGMT 3390	Management Information Systems	3.0
MKTG 3343	Principles of Marketing	3.0
MGMT 4331	Business Law	3.0

## International Studies and Geography Required Courses

Item #	Title	Credits
GEOG 2332	World Regional Geography	3.0
INST 1351	Introduction to International Studies	3.0
INST 3351	Comparative Political Systems	3.0
INST 3352	International Politics	3.0
INST 3355	Intercultural Issues	3.0
INST 4369	Seminar in International Development Studies	3.0
INST 4393	Special Topics in International Studies	3.0

## International Regional Studies

(Pre-Req INST 1351)

Item #	Title	Credits
INST 3357	Regional Study of Europe	3.0
INST 3359	Regional Study of Latin America	3.0
INST 3360	Regional Study of East Asia	3.0
INST 3363	Regional Study of North Africa and the Middle East	3.0

## MBA Core Courses

Item #	Title	Credits
ACCT 6313	Managerial Accounting and Decision Making	3.0
MBA 6315	Operations Management and Supply Chain	3.0
FINA 6318	Financial Management	3.0
MBA 6320	Marketing Strategy	3.0
MBA 6322	Organizational Behavior	3.0
MBA 6325	Ethical and Moral Business Management	3.0
MBA 6311	Managerial Economics	3.0
MBA 6357	Management Information Systems	3.0
MBA 6370	Applied Strategic Management (Capstone Course)	3.0
MIB 5374	International Law	3.0

## Graduate Elective Courses

- INST Graduate Electives - Choose one course from: MIB 5328, MIB 5359, MIB 5371, and MIB 5380.
- MBA Graduate Electives- Choose one course from: MIB 6318, MIB 6328, MIB 6336, and MIB 6343.
- Replacement electives may be permitted with the approval of CSB.

## International Development

### Degree Type

Bachelor of Arts

### Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.

### Mathematics

Item #	Title	Credits
MATH 3332	Elementary Statistical Methods for Economics & Business	3.0

### Geography

Item #	Title	Credits
GEOG 2332	World Regional Geography	3.0

### International Studies Required Courses

Item #	Title	Credits
INST 1351	Introduction to International Studies	3.0
INST 3351	Comparative Political Systems	3.0
INST 3352	International Politics	3.0
INST 3354	International Political Economy	3.0
INST 3355	Intercultural Issues	3.0
INST 2352	Research Methods in Int' Stud	3.0
INST 3366	The American Foreign Policy Process	3.0
INST 4398	Senior Thesis in International Studies	3.0
INST 4399	Senior Thesis in International Studies II	3.0

## Regional Studies

Choose one of the following:

Item #	Title	Credits
INST 3357	Regional Study of Europe	3.0
INST 3359	Regional Study of Latin America	3.0
INST 3360	Regional Study of East Asia	3.0
INST 3363	Regional Study of North Africa and the Middle East	3.0

## International Studies/Geography Electives

- Choose ONE additional international studies course.

## International Development

Item #	Title	Credits
ACCT 1341	Principles of Accounting I	3.0
ECON 1331	Principles of Macroeconomics	3.0
ECON 1332	Principles of Microeconomics	3.0
ECON 3331	International Economics	3.0
ECON 3332	Theory of Economic Development	3.0
FINA 3334	International Financial Management	3.0
FINA 3335	Financial Institutions and Markets	3.0

## Foreign Language

The ability to communicate in foreign communities is fundamental to effective international work.

- Two sequential courses in a foreign language. Arabic, French, German, Greek, Italian, Irish, Japanese, Latin, Mandarin Chinese, Spanish.

## Practical International Experience

Being immersed in an international environment is one of the most effective means for gaining an international perspective. Therefore, each student majoring in International Studies will complete one of the following practical international experiences:

- Study Abroad
- Internship in international business
- Structured experience abroad without academic credit

## Electives

Electives to reach the 120 hour minimum to graduate

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**Total Credits**

**66**

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## International Studies

### Degree Type

Bachelor of Arts

\*\* International Studies majors are encouraged to pursue a Strategic Areas Certificate (12 credit hours), available for East Asia and Middle East/North Africa. \*\*

## Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.

### Geography

Item #	Title	Credits
GEOG 2332	World Regional Geography	3.0

### International Studies

Item #	Title	Credits
INST 1351	Introduction to International Studies	3.0
INST 2352	Research Methods in Int' Stud	3.0
INST 3351	Comparative Political Systems	3.0
INST 3352	International Politics	3.0
INST 3354	International Political Economy	3.0
INST 3355	Intercultural Issues	3.0
INST 3366	The American Foreign Policy Process	3.0
INST 4398	Senior Thesis in International Studies	3.0
INST 4399	Senior Thesis in International Studies II	3.0

### Regional Studies

Choose one of the following:

Item #	Title	Credits
INST 3357	Regional Study of Europe	3.0
INST 3359	Regional Study of Latin America	3.0
INST 3360	Regional Study of East Asia	3.0
INST 3363	Regional Study of North Africa and the Middle East	3.0

### International Studies Electives

Choose three additional International Studies elective courses.

## Foreign Language

Depending on fluency, see department.

The ability to communicate in foreign communities is fundamental to effective international work.

Two sequential courses in a foreign language. Arabic, French, German, Greek, Italian, Irish, Japanese, Latin, Mandarin Chinese, Spanish

## Practical International Experience

Being immersed in an international environment is one of the most effective means for gaining an international perspective. Therefore, each student majoring in International Studies will complete one of the following practical international experiences:

- Study Abroad
- Internship in international business
- Structured experience abroad without academic credit

## Electives

Electives to reach the 120 hour minimum to graduate

## Optional Concentrations: Development Studies

Choose four courses from any one area.

Item #	Title	Credits
INST 4369	Seminar in International Development Studies	3.0
INST 4377	Government-Business Relations in the Developing World	3.0
INST 4393	Special Topics in International Studies	3.0
INST 4393	Special Topics in International Studies	3.0

## Optional Concentration: Diplomacy and Conflict

Item #	Title	Credits
INST 4364	International Law	3.0
INST 4366	International Security	3.0
INST 4377	Government-Business Relations in the Developing World	3.0
INST 4393	Special Topics in International Studies	3.0
INST 4393	Special Topics in International Studies	3.0
<b>Total Credits</b>		<b>48</b>

## International Studies

### Degree Type

Minor

## International Studies Required Courses:

Item #	Title	Credits
INST 1351	Introduction to International Studies	3.0
INST 3355	Intercultural Issues	3.0

## International Studies Elective

- Three additional upper-division INST courses.

**Total Credits**

**15**

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## Irish Studies

### Degree Type

Minor

**Center for Irish Studies** Contact: Lori Meghan Gallagher, J.D., [irishstudies@stthom.edu](mailto:irishstudies@stthom.edu); [gallagl@stthom.edu](mailto:gallagl@stthom.edu)

Irish Studies is an interdisciplinary program of courses focused on Irish and Northern Irish history, politics, law, literature, theology, music, art history, drama, heritage and culture, contemporary life and the Irish American Experience. The Northern Ireland Peace Process, explored through courses on campus and in study abroad programs, serves as a model for peace around the world. Faculty members in Irish Studies as well as other disciplines teach these courses. As part of the University's liberal arts curriculum, Irish Studies courses prepare students for post-graduate employment in Irish Studies, law, business, the social sciences, teaching and the international diplomatic corp. Many students choose to pursue post-graduate study in Irish Studies or one of these other fields. Irish Studies students develop an understanding of diverse cultural, political, historical, socio-economic, legal and other factors affecting our world today.

## Irish Studies Required Courses

Complete:

- IRST/ENGL upper division Irish literature from among elective list below or new offerings
- IRST/HIST upper division Irish history from among elective list below or new offerings
- An additional upper division course from elective list below or new offerings

## Electives

Choose two of the following from below. Relevant English courses covering Irish writers or topics may be used here. IRST 4393 courses may be used here.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
IRST 1331	Elementary Irish I	3.0
IRST 1332	Elementary Irish II	3.0
IRST 2331	Intermediate Irish I	3.0
IRST 2332	Intermediate Irish II	3.0
IRST 3301	Irish Literature & Postcolonial Studies	3.0
IRST 3302	Irish Mythology & Folklore	3.0
IRST 3303	Irish Culture and Traditions	3.0
IRST 3309	Modern Irish Literature	3.0
IRST 3365	History of Ireland Since 1600	3.0
IRST 3366	Historical and Political Perspectives on Irish Law and Culture	3.0
IRST 3367	Irish Diaspora: Irish American Experience	3.0
IRST 3368	Northern Ireland: Conflict and Peace	3.0
IRST 4336	American Catholic Heritage	3.0
IRST 4393	Special Topics Courses: Selected Topics in Irish Studies	3.0
	<b>Total Credits</b>	<b>15</b>

## Latin American Studies

### Degree Type

Minor

## Spanish

Choose 6 credit hours of SPAN courses (upper or lower division).

## Latin American Studies Electives

Choose 9hrs from the courses below or from INST/POSC/SPAN/HIST 3000/4000-Level electives with a Latin American topic approved by the program director.

Item #	Title	Credits
HIST 3340	Colonial Latin America	3.0
HIST 3343	Latin American Revolutions	3.0
INST 3359	Regional Study of Latin America	3.0
INST 4351	Latin American Economic Development	3.0
INST 4358	Contemporary Mexico	3.0
INST 4359	Latin America Cultures: Diversity, Paradoxes and Transformation	3.0
POSC 3362	Minority Politics	3.0
<b>Total Credits</b>		<b>15</b>

## Management

### Degree Type

Bachelor of Business Administration

## Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.

## Business Core Curriculum

Item #	Title	Credits
ACCT 1341	Principles of Accounting I	3.0
ACCT 1342	Principles of Accounting II	3.0
DEIS 4333	Principles of Operations Management	3.0
ECON 1331	Principles of Macroeconomics	3.0
ECON 1332	Principles of Microeconomics	3.0
ECON 3331	International Economics	3.0
FINA 3339	Corporate Finance	3.0
MATH 1353	Mathematics for Economics and Business	3.0
MATH 3332	Elementary Statistical Methods for Economics & Business	3.0
MGMT 3320	Business Communications	3.0
MGMT 2347	Principles of Management	3.0
MGMT 3390	Management Information Systems	3.0
MGMT 4331	Business Law	3.0
MKTG 3343	Principles of Marketing	3.0

## Management Required Courses

Item #	Title	Credits
MGMT 3349	Managing Behavior in Organizations	3.0
MGMT 3391	Business Intelligence and Decision-Making	3.0

## Business Capstone

Take during final semester at UST.

Item #	Title	Credits
MGMT 4399	Senior Seminar	3.0

## Concentration Options

Students may complete 12-13hrs in the following areas in order to earn a concentration. Alternatively, general electives can be taken if no concentration is desired. Options are below.

### General Business Electives (No Concentration)

Complete 12hrs of business courses in the following areas:

- Accounting (6 credit hours maximum)
- Economics (6 credit hours maximum)
- Finance (6 credit hours maximum)
- Marketing (6 credit hours maximum)
- Management (6 credit hours maximum)
- Decision and Information Sciences (3 credit hours maximum)
- Business-related non-Cameron school courses, with advisor approval (3 credit hours maximum)



## Human Resources Management Concentration

Complete all of the following courses.

Item #	Title	Credits
MGMT 3348	Human Resource Management	3.0
MGMT 3340	Leadership Theory and Practice	3.0
PSYC 3351	Industrial/Organizational Psychology	3.0
MGMT 4348	Strategic Human Resource Management	3.0

## Information Management Concentration

Complete all of the following courses.

Item #	Title	Credits
MGMT 3385	Project Management	3.0
MGMT 4390	Management of Technology	3.0
COMSC 1450	Introduction to Programming and Computer Science	4.0
MGMT 4393	Special Topics in Business Administration/Marketing	3.0

## Business of Gaming Concentration

Complete all of the following courses.

Item #	Title	Credits
MGMT 2356	Introduction to the Gaming Ecosystem	3.0
PSYC 3345	Sport Psychology	3.0
MKTG 4356	Sports Marketing & Event Management	3.0
MGMT 4357	Contemporary Issues in Gaming	3.0

## Innovation & Sustainability Concentration

Complete all of the following courses.

Item #	Title	Credits
MGMT 4362	Sustainability and The Common Good	3.0
HIST 3314	History of Strategic Management	3.0
MGMT 4351	Innovation Management	3.0
ECON 3351	Environment and Natural Resource Economics	3.0
	<b>Total Credits</b>	<b>63-64</b>

## Management

### Degree Type

Bachelor of Business Administration & Master of Business Administration

The Management major gives students a diversified business background without an extensive concentration in any single field. Students interested in pursuing careers with corporations or governmental entities or in operating their own businesses are provided exposure to a range of business disciplines. The program provides flexibility by permitting advanced work in at least three of the following areas:

- Accounting
- Decision and information sciences
- Economics

- Finance
- Leadership Studies
- Management
- Marketing

## Business Foundation Courses

Item #	Title	Credits
ACCT 1341	Principles of Accounting I	3.0
ACCT 1342	Principles of Accounting II	3.0
ECON 1331	Principles of Macroeconomics	3.0
ECON 1332	Principles of Microeconomics	3.0
MATH 1353	Mathematics for Economics and Business	3.0
MATH 3332	Elementary Statistical Methods for Economics & Business	3.0
MGMT 2347	Principles of Management	3.0
MGMT 3320	Business Communications	3.0

## Business Required Courses

Item #	Title	Credits
DEIS 4333	Principles of Operations Management	3.0
ECON 3331	International Economics	3.0
FINA 3339	Corporate Finance	3.0
MGMT 3390	Management Information Systems	3.0
MGMT 4331	Business Law	3.0
MKTG 3343	Principles of Marketing	3.0

## General Business Requirements

Choose 18 credit hours of business related electives. Must select from at least three of the six areas, with the number of credits in any one area not to exceed the stated limits.

- Accounting (6 credit hours maximum):
- Economics (3 credit hours maximum):
- Finance (6 credit hours maximum):
- Marketing (6 credit hours maximum):
- Management (6 credit hours maximum):
- Decision and Information Sciences (3 credit hours maximum):
- Business-related non-Cameron school courses, with advisor approval (3 credit hours maximum):

## MBA Core Courses

Item #	Title	Credits
ACCT 6313	Managerial Accounting and Decision Making	3.0
MBA 6315	Operations Management and Supply Chain	3.0
FINA 6318	Financial Management	3.0
MBA 6320	Marketing Strategy	3.0
MBA 6322	Organizational Behavior	3.0
MBA 6325	Ethical and Moral Business Management	3.0
MBA 6311	Managerial Economics	3.0
MBA 6357	Management Information Systems	3.0
MBA 6370	Applied Strategic Management (Capstone Course)	3.0

## MBA Elective Courses

Students in the BBA/MBA must take three courses from a range of general business electives that interest the student. Students will earn a general MBA without an area of concentration.

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**Total Credits**

**96**

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## Management and Leadership

### Degree Type

Undergraduate Certificate

The Certificate in Management and Leadership requires the completion of a set of 6 courses offered within the General Business Program of the Kolbe School for Innovation and Professional Studies.

This certificate coursework introduces students to the processes of management and leadership. In this certificate course, students will learn how to understand the difference between management and leadership and how both impact an organization. Students will learn how to effectively manage organizations and the basic theories and frameworks used as a professional manager.

The certificate program will also introduce the concept of leadership and explore the evolution of leadership thought. The main leadership theories and frameworks will be explored. A special emphasis will be placed on the practical implementation of these leadership principles to aid the student in becoming an ethical and effective leader in an organization.

In addition to the University of St. Thomas Certificate in Management and Leadership, the certificate course provides students with 18 credit hours in general business. These courses can be used towards the completion of an associate in applied science in general business. Credits can be transferred to a four-year program if desired.

## Subject Matter Courses

Complete all of the following courses.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
GENB 2340	Leadership	3.0
GENB 2330	Entrepreneurship & Conscious Capital	3.0
PHILC 1301	Philosophy of Nature and the Human Person	3.0

## General Business Courses

Complete all of the following courses.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
GENB 2343	Principles of Marketing	3.0
GENB 2347	Principles of Management	3.0
GENB 1320	Business Communication	3.0
	<b>Total Credits</b>	<b>18</b>

## Market Analysis

### Degree Type

Minor

## Marketing Course Requirement

Complete all of the following courses.

Item #	Title	Credits
MKTG 3343	Principles of Marketing	3.0
MKTG 4330	Marketing Measurement & Analytics	3.0

## Marketing Electives

Complete four of the following courses.

Item #	Title	Credits
MKTG 3344	Marketing Applications	3.0
MKTG 3345	Consumer Behavior	3.0
MKTG 3346	Advertising and Integrated Marketing Communications	3.0
MKTG 3351	Marketing Research	3.0
PSYC 4434	Experimental Social Psychology	4.0
<b>Total Credits</b>		<b>18</b>

## Marketing

### Degree Type

Bachelor of Business Administration

The marketing major prepares students for careers developing products and services to satisfy customers' needs and making them available through efficient distribution and optimal pricing strategies. It provides students with an understanding of fundamental concepts, principles, theories, tools and techniques in the following areas:

- Marketing management
- Product design and development
- Distribution
- Pricing
- Promotional techniques and strategies

## Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.

### Business Foundation Courses

Item #	Title	Credits
ACCT 1341	Principles of Accounting I	3.0
ACCT 1342	Principles of Accounting II	3.0
ECON 1331	Principles of Macroeconomics	3.0
ECON 1332	Principles of Microeconomics	3.0
MATH 1353	Mathematics for Economics and Business	3.0
MATH 3332	Elementary Statistical Methods for Economics & Business	3.0
MGMT 2347	Principles of Management	3.0
MGMT 3320	Business Communications	3.0

### Business Required Courses

Item #	Title	Credits
DEIS 4333	Principles of Operations Management	3.0
ECON 3331	International Economics	3.0
FINA 3339	Corporate Finance	3.0
MGMT 3390	Management Information Systems	3.0
MGMT 4331	Business Law	3.0
MKTG 3343	Principles of Marketing	3.0

### Business Capstone

Take during final semester at UST

Item #	Title	Credits
MGMT 4399	Senior Seminar	3.0

## Marketing Requirements

Item #	Title	Credits
MKTG 3344	Marketing Applications	3.0
MKTG 3345	Consumer Behavior	3.0
MKTG 3346	Advertising and Integrated Marketing Communications	3.0
MKTG 3351	Marketing Research	3.0

## Marketing Electives

Six hours of marketing-related electives with approval of faculty advisor.

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<b>Total Credits</b>	<b>63</b>
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## Marketing

### Degree Type

Bachelor of Business Administration & Master of Business Administration

Total undergraduate hours (114 minimum) and graduate hours (36 minimum): 150 Credit Hours Total

The marketing major prepares students for careers developing products and services to satisfy customers' needs and making them available through efficient distribution and optimal pricing strategies. It provides students with an understanding of fundamental concepts, principles, theories, tools and techniques in the following areas:

- Marketing management
- Product design and development
- Distribution
- Pricing
- Promotional techniques and strategies

## Business Foundation Courses

Item #	Title	Credits
ACCT 1341	Principles of Accounting I	3.0
ACCT 1342	Principles of Accounting II	3.0
ECON 1331	Principles of Macroeconomics	3.0
ECON 1332	Principles of Microeconomics	3.0
MATH 1353	Mathematics for Economics and Business	3.0
MATH 3332	Elementary Statistical Methods for Economics & Business	3.0
MGMT 2347	Principles of Management	3.0
MGMT 3320	Business Communications	3.0

## Business Required Courses

Item #	Title	Credits
DEIS 4333	Principles of Operations Management	3.0
ECON 3331	International Economics	3.0
FINA 3339	Corporate Finance	3.0
MGMT 3390	Management Information Systems	3.0
MGMT 4331	Business Law	3.0
MKTG 3343	Principles of Marketing	3.0

## Business Capstone

Take during final semester at UST

Item #	Title	Credits
MGMT 4399	Senior Seminar	3.0

## Marketing Requirements

Item #	Title	Credits
MKTG 3344	Marketing Applications	3.0
MKTG 3345	Consumer Behavior	3.0
MKTG 3346	Advertising and Integrated Marketing Communications	3.0
MKTG 3351	Marketing Research	3.0

## Marketing Electives

6 hours of marketing-related electives with approval of faculty advisor.

## MBA Core Courses

Item #	Title	Credits
ACCT 6313	Managerial Accounting and Decision Making	3.0
MBA 6315	Operations Management and Supply Chain	3.0
FINA 6318	Financial Management	3.0
MBA 6320	Marketing Strategy	3.0
MBA 6322	Organizational Behavior	3.0
MBA 6325	Ethical and Moral Business Management	3.0
MBA 6311	Managerial Economics	3.0
MBA 6357	Management Information Systems	3.0
MBA 6370	Applied Strategic Management (Capstone Course)	3.0

## MBA Marketing Concentration Courses

Choose three from the following:

Item #	Title	Credits
MBA 6321	Marketing Applications and Research	3.0
MBA 6333	Seminar in Marketing	3.0
MBA 6355	Global Marketing	3.0
MBA 6360	E-Business Strategies	3.0
MBA 6362	Entrepreneurship	3.0
MBA 6366	Sustainable Sourcing Management	3.0
	<b>Total Credits</b>	<b>102</b>

## Marketing

### Degree Type

Minor

## Marketing

Item #	Title	Credits
ACCT 1341	Principles of Accounting I	3.0
ECON 1331	Principles of Macroeconomics	3.0
MKTG 3343	Principles of Marketing	3.0
MKTG 3344	Marketing Applications	3.0
MKTG 3345	Consumer Behavior	3.0
MKTG 3346	Advertising and Integrated Marketing Communications	3.0
	<b>Total Credits</b>	<b>18</b>

## Mathematics

### Degree Type

Bachelor of Arts

The Bachelor of Arts in Mathematics program covers a broad range of mathematical topics, including calculus, differential equations, linear algebra, discrete mathematics, real analysis, and abstract algebra, culminating in a capstone project. Additionally, the degree incorporates interdisciplinary elements, requiring students to complete courses in computer science, laboratory science, and philosophy, providing a well-rounded education in mathematical reasoning and its applications.

*Note: All graduating seniors who major in mathematics must take the Educational Testing Service (ETS) Major Field Test in Mathematics before graduation but no earlier than the penultimate semester.*

### Mathematics Required

Complete all of the following courses.

Item #	Title	Credits
MATH 1431	Calculus I	4.0
MATH 1432	Calculus II	4.0
MATH 2431	Calculus III	4.0
MATH 2343	Differential Equations I	3.0
MATH 3334	Linear Algebra I	3.0
MATH 3360	Discrete Mathematics	3.0
MATH 4370	Capstone Project	3.0
MATH 4331	Real Analysis I	3.0
MATH 4338	Abstract Algebra I	3.0

### Computer Science

Complete the following course.

Item #	Title	Credits
COMSC 1450	Introduction to Programming and Computer Science	4.0

### Mathematics Electives

Choose 2 courses from the 3000/4000 level MATH courses.

*Note: MATH 3313, 3332, 3333, 3336, 3341, 3342 and 3354 do NOT apply to mathematics major requirements.*



## Lab Science Course Requirement

Complete at least one lecture/lab in an approved science area (BIOL/CHEM/PHYS).

## Philosophy Logic Course Requirement

Complete one of the following courses.

Item #	Title	Credits
PHIL 3333	Logic (Traditional Logic)	3.0
PHIL 3350	Contemporary Logic	3.0
<b>Total Credits</b>		<b>47</b>

## Mathematics

### Degree Type

Minor

The minor in mathematics allows students majoring in other disciplines to get a solid foundation in mathematics.

## Mathematics Required Courses

Item #	Title	Credits
MATH 1431	Calculus I	4.0
MATH 1432	Calculus II	4.0
MATH 2431	Calculus III	4.0
MATH 2343	Differential Equations I	3.0
MATH 3334	Linear Algebra I	3.0

## Mathematics Electives

Choose 2 courses from the 3000/4000 level MATH courses. (EXCEPT the following: MATH 3133, 3332, 3333, 3336, 3341, 3342 or 3354)

<b>Total Credits</b>	<b>24</b>
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## Mathematics: EC 4-8

### Degree Type

Bachelor of Arts

\*\*Note: Preparation for student teaching requires 50 hours of school-based field experiences, 10 hours of church/community service, and 20 hours of professional development.\*\*

## Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.

### Mathematics

Item #	Title	Credits
MATH 1331	Pre-Cal Algebra & Trigonometry	3.0
MATH 1431	Calculus I	4.0
MATH 2437	Contemporary Mathematics for Elementary Teachers	4.0
MATH 3337	Modern Geometry	3.0
MATH 3346	History of Mathematics	3.0
MATH 3360	Discrete Mathematics	3.0
MATH 3450	Biostatistics I	4.0

### Mathematics Electives

Choose 2 additional 3000/4000 level mathematics courses

### Professional Development

Must be completed at UST.

Item #	Title	Credits
EDUC 3100	Field Experience Seminar I	1.0
EDUC 3101	Field Experience Seminar II	1.0
EDUC 3102	Field Experience Seminar III	1.0
EDUC 3304	Introduction to Curriculum and Instruction	3.0
EDUC 3313	Digital Instructional Strategies	3.0
EDUC 3339	Multicultural Populations	3.0
EDUC 4338	Classroom Management	3.0
EDUC 4370	Student Teaching, Secondary	3.0
EDUC 4371	Student Teaching, Secondary	3.0

### Multidisciplinary Studies

Item #	Title	Credits
MS 4338	Adolescent Learning	3.0

## Reading

Item #	Title	Credits
RDGED 3303	Content Area Reading	3.0

## English as a Second Language

Item #	Title	Credits
BIE_DL 4330	Foundations and Methods of Second Language Acquisition	3.0

## Special Education

Item #	Title	Credits
SPED 4320	Exceptionality in Today's Schools	3.0
<b>Total Credits</b>		<b>63</b>

## Mathematics: EC 7-12

### Degree Type

Bachelor of Arts

\*\*Note: Preparation for student teaching requires 50 hours of school-based field experiences, 10 hours of church/community service, and 20 hours of professional development.\*\*

## Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.

## Mathematics

Item #	Title	Credits
MATH 1431	Calculus I	4.0
MATH 1432	Calculus II	4.0
MATH 2431	Calculus III	4.0
MATH 3360	Discrete Mathematics	3.0
MATH 2343	Differential Equations I	3.0
MATH 3334	Linear Algebra I	3.0
MATH 4338	Abstract Algebra I	3.0

## Mathematics Electives

Choose an additional 3000/4000 level mathematics courses

## Computer Science

Item #	Title	Credits
COMSC 1450	Introduction to Programming and Computer Science	4.0

## Professional Development

Must be completed at UST.

Item #	Title	Credits
EDUC 3100	Field Experience Seminar I	1.0
EDUC 3101	Field Experience Seminar II	1.0
EDUC 3102	Field Experience Seminar III	1.0
EDUC 3304	Introduction to Curriculum and Instruction	3.0
EDUC 3313	Digital Instructional Strategies	3.0
EDUC 3339	Multicultural Populations	3.0
EDUC 4338	Classroom Management	3.0
EDUC 4370	Student Teaching, Secondary	3.0
EDUC 4371	Student Teaching, Secondary	3.0

## Multidisciplinary Studies

Item #	Title	Credits
MS 4338	Adolescent Learning	3.0

## Reading

Item #	Title	Credits
RDGED 3303	Content Area Reading	3.0

## English as a Second Language

Item #	Title	Credits
BIE_DL 4330	Foundations and Methods of Second Language Acquisition	3.0

## Special Education

Item #	Title	Credits
SPED 4320	Exceptionality in Today's Schools	3.0
<b>Total Credits</b>		<b>64</b>

## Military Science

### Degree Type

Minor

## Fall Semester Freshman Year

Item #	Title	Credits
MILSC 1210	Introduction to the Army & Marksmanship	2.0

## Spring Semester Freshman Year

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MILSC 1220	Military Leadership	2.0

## Fall Semester Sophomore Year

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MILSC 2210	Military Leadership Development	2.0

## Spring Semester Sophomore Year

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MILSC 2220	Military Leadership Development	2.0

## Fall Semester Junior Year

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MILSC 3310	Advanced Military Science	3.0

## Spring Semester Junior Year

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MILSC 3320	Advanced Military Science	3.0

## Fall Semester Senior Year

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MILSC 4310	Advanced Military Science	3.0

## Spring Semester Senior Year

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MILSC 4320	Advanced Military Science	3.0

## Additional Required Course Completed before graduation

Approved Military History Courses may be substituted for MILSC 4398. See Academic Advising for details.\*

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MILSC 4398	Special Problems	3.0

## Students with Prior Military Service and 60 Credit Hours Complete

Students who already have prior military service and have completed 60 credits towards their degree may take the following abbreviated course list starting in a Fall semester:

1) Fall MILSC 3310 2) Spring MILSC 3320 3) Fall MILSC 4310 4) Spring MILSC 4320

Completed before Graduation MILSC 4398

## Cadet Summer Training (CST)

Students may also take Cadet Summer Training (CST) Advance Camp in the summer between their junior and senior years for optional college credit. The course may be taken with or without college credit. Advance Camp cannot take the place of any MSCI classes.

## Additional Optional Courses

- Students may take a summer Cadet Summer Training (CST) Basic Camp in addition to, or in the place of, MILSC 1210,1220,2210,2220. Students may not receive college credit for both Basic Camp and the first two years of military science courses. The course should be taken during the summer between sophomore and junior years.
- Students may also take optional PT courses.

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**Total Credits**

**23**

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## Music

### Degree Type

Bachelor of Arts

## Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.

## Music Theory

Item #	Title	Credits
MUSC 2362	Music Theory I for Music Majors	3.0
MUSC 2162	Music Theory I Laboratory for Music Majors	1.0
MUSC 2364	Music Theory II	3.0
MUSC 2164	Music Theory Laboratory II	1.0
MUSC 3363	Music Theory III	3.0
MUSC 3163	Music Theory Laboratory III	1.0
MUSC 3364	Music Theory IV	3.0
MUSC 3164	Music Theory Laboratory IV	1.0

## Required Music History

Item #	Title	Credits
MUSC 3341	Music History I	3.0
MUSC 3342	Music History II	3.0

## Additional Music History

Chose any courses totally to three credit hours.

Item #	Title	Credits
MUSC 3141	Classical Music	1.0
MUSC 3142	The Life and Music of Beethoven	1.0
MUSC 3241	Medieval Music	2.0
MUSC 3242	Renaissance Music	2.0
MUSC 3243	Baroque Music	2.0
MUSC 3244	Music from WWII to the Present	2.0
MUSC 3344	Music from 1827 through WWII	3.0

## Academic Music Course

Choose 3 credit hours of academic music courses. Additional Music History courses (above) are allowed, but no applied music, lessons or ensembles are allowed in this category.

## Music Program Ensemble

Must enroll every semester – one credit hour per semester.

Item #	Title	Credits
MUSC 1105	Jazz Ensemble	1.0
MUSC 3105	Jazz Ensemble	1.0
MUSC 1106	University Singers	1.0
MUSC 3106	University Singers	1.0
MUSC 1107	Chamber Music Ensemble	1.0
MUSC 3107	Chamber Music Ensemble	1.0
MUSC 1108	Wind Ensemble	1.0
MUSC 3108	Wind Ensemble	1.0
MUSC 1109	Opera & Musical Theater Workshop	1.0
MUSC 3109	Opera & Musical Theater Workshop	1.0
MUSC 1120	Orchestra	1.0
MUSC 3120	Orchestra	1.0

## Music Program Private Instruction

Enroll in music private instruction every semester (2 credit hours per semester)

## Concert Attendance

All music majors must attend at least 10 musical programs or lectures at the University of St. Thomas or similar Houston-area events per semester.

Item #	Title	Credits
MUSC 1033	Concert Attendance	0.0

## Other Requirements

- Non-piano majors must pass a piano proficiency exam.
- Present a Senior Recital or substantial research project in the senior year
- Take a standardized major field test during the senior year
- Minimum cumulative GPA of 2.0 in all required music courses

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**Total Credits**

**52**

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## Music

### Degree Type

Minor

### Music Required Courses

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MUSC 2362	Music Theory I for Music Majors	3.0
MUSC 2162	Music Theory I Laboratory for Music Majors	1.0
MUSC 2364	Music Theory II	3.0
MUSC 2164	Music Theory Laboratory II	1.0
MUSC 3341	Music History I	3.0
MUSC 3342	Music History II	3.0

### Music Electives

Eight additional credit hours of ensemble and/or private instruction. At least two hours must be upper-division (3000/4000 level)

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**Total Credits**

**22**

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### Music: EC-12

#### Degree Type

Bachelor of Arts

\*\*Note: Preparation for student teaching requires 50 hours of school-based field experiences, 10 hours of church/community service, and 20 hours of professional development.\*\*



## Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.

## Music Theory

Must take in order:

Item #	Title	Credits
MUSC 2362	Music Theory I for Music Majors	3.0
MUSC 2162	Music Theory I Laboratory for Music Majors	1.0
MUSC 2364	Music Theory II	3.0
MUSC 2164	Music Theory Laboratory II	1.0
MUSC 3363	Music Theory III	3.0
MUSC 3163	Music Theory Laboratory III	1.0
MUSC 3364	Music Theory IV	3.0
MUSC 3164	Music Theory Laboratory IV	1.0

## Required Music History

Item #	Title	Credits
MUSC 3341	Music History I	3.0
MUSC 3342	Music History II	3.0

## Additional Music History

Choose any courses totaling three credit hours from below.

Item #	Title	Credits
MUSC 3141	Classical Music	1.0
MUSC 3142	The Life and Music of Beethoven	1.0
MUSC 3241	Medieval Music	2.0
MUSC 3242	Renaissance Music	2.0
MUSC 3243	Baroque Music	2.0
MUSC 3244	Music from WWII to the Present	2.0
MUSC 3344	Music from 1827 through WWII	3.0

## Academic Music Course

Choose 3 credit hours of academic music courses. No applied music, lessons or ensembles.

## Music Program Ensemble

Must enroll every semester – one credit hour per semester.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MUSC 1105	Jazz Ensemble	1.0
MUSC 3105	Jazz Ensemble	1.0
MUSC 1106	University Singers	1.0
MUSC 3106	University Singers	1.0
MUSC 1107	Chamber Music Ensemble	1.0
MUSC 3107	Chamber Music Ensemble	1.0
MUSC 1108	Wind Ensemble	1.0
MUSC 3108	Wind Ensemble	1.0
MUSC 1109	Opera & Musical Theater Workshop	1.0
MUSC 3109	Opera & Musical Theater Workshop	1.0
MUSC 1120	Orchestra	1.0
MUSC 3120	Orchestra	1.0

## Music Program Private Instruction

Enroll in music private instruction every semester (2 credit hours per semester)

## Concert Attendance

MUSC 1033 Concert Attendance – All music majors must attend at least 10 musical programs or lectures at the University of St. Thomas or similar Houston-area events per semester

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MUSC 1033	Concert Attendance	0.0

## Additional Requirements

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MUSC 3232	Techniques: String Methods	2.0
MUSC 3237	Techniques: Vocal Pedagogy	2.0
MUSC 3334	Basic Conducting	3.0

## Professional Development

Must be completed at UST.

Item #	Title	Credits
EDUC 3100	Field Experience Seminar I	1.0
EDUC 3101	Field Experience Seminar II	1.0
EDUC 3102	Field Experience Seminar III	1.0
EDUC 3304	Introduction to Curriculum and Instruction	3.0
EDUC 3313	Digital Instructional Strategies	3.0
EDUC 3339	Multicultural Populations	3.0
EDUC 4338	Classroom Management	3.0
EDUC 4370	Student Teaching, Secondary	3.0
EDUC 4371	Student Teaching, Secondary	3.0

## Multidisciplinary Studies

Item #	Title	Credits
MS 4338	Adolescent Learning	3.0

## Reading

Item #	Title	Credits
RDGED 3303	Content Area Reading	3.0

## English as a Second Language

Item #	Title	Credits
BIE_DL 4330	Foundations and Methods of Second Language Acquisition	3.0

## Special Education

Item #	Title	Credits
SPED 4320	Exceptionality in Today's Schools	3.0
<b>Total Credits</b>		<b>86</b>

## Networking Technology

### Degree Type

Associate of Applied Science

Practically every organization in the world relies on a solid network of computers to function. Network administration professionals perform essential support work managing and maintaining computer networks.

The **100% online** Associate of Applied Science in Networking Technology gives you the knowledge and skills to set up, monitor and troubleshoot local area networks (LANs) and wide area networks (WANs).

While it can take 4 years or longer to earn a bachelor's degree, you can complete coursework on your schedule and **earn your associate degree within 2 years**. You'll finish the program empowered with highly marketable skills for a rewarding **career in network administration**.

*This is a 60-hour program, with each course representing 3 credit hours. Dual credit opportunities are available for Cybersecurity, Drug and Alcohol Counseling, Electronic Technology, General Business and Networking Technology.*

## Networking Technology Course Requirements

Complete all of the following courses.

Item #	Title	Credits
AUNI 1300	College Foundations	3.0
ANET 1300	Hardware and Software Environment	3.0
ANET 1305	Basics of Networking	3.0
AMAT 1300	Foundations of Mathematics I	3.0
ACOM 1350	Basics of Writing	3.0
ANET 1350	Introduction to Servers I	3.0
ANET 1355	Physical Networks	3.0
ANET 1360	Introduction to Servers II	3.0
ASFT 1300	Foundations of Programming	3.0
AMAT 1355	Foundations of Mathematics II	3.0
ANET 2300	Introduction to Linux Networking	3.0
ASFT 1305	Working with Databases	3.0
ANET 2305	Securing Information	3.0
ACOM 2300	Writing for Work	3.0
ANET 2350	Basics of IP Networking	3.0
ANET 2355	Configuring Email and Web Services	3.0
PHILC 1301	Philosophy of Nature and the Human Person	3.0
PSYC 1332	General Psychology	3.0
ANET 2370	Advanced Networks	3.0
PHILC 2301	Ethics	3.0
<b>Total Credits</b>		<b>60</b>

## Neuroscience

### Degree Type

Minor

(Offered jointly by the Department of Biology and the Department of Psychology)

The minor in Neuroscience is an integration of course work from both biology and psychology with focus on neuroscience and central nervous system functioning. This collection of courses from Biology and Psychology develops students' understanding of nervous system structure and function, trains them in the scientific method and prepares them for post-graduate training in neuroscience.

## Biology Required Courses

Complete all of the following courses.

Item #	Title	Credits
BIOL 1352	Introduction to Cell and Molecular Biology	3.0
BIOL 1152	Basic Lab Techniques in Biology	1.0
BIOL 2445	Human Anatomy and Physiology I	4.0
BIOL 3339	Neuroscience	3.0

## Psychology

Complete the following course.

Item #	Title	Credits
PSYC 1332	General Psychology	3.0

## Quantitative

Complete one of the following courses.

Item #	Title	Credits
PSYC 3433	Foundations of Statistical Analysis	4.0
MATH 3450	Biostatistics I	4.0

## Capstone

Complete the following course.

Item #	Title	Credits
BIOL 4212	Neuropsychology Research Topics	2.0

## Additional Courses

Complete one of the following courses.

Item #	Title	Credits
PSYC 4435	Cognitive Psychology	4.0
PSYC 4436	Perception	4.0
PSYC 4438	Biopsychology	4.0
	<b>Total Credits</b>	<b>24</b>

## Nursing

### Degree Type

Bachelor of Science in Nursing

The Bachelor of Science Degree in Nursing track for students earning the first university degree at the University of St. Thomas is a four-year academic program, including one required summer semester, which will prepare graduates for initial RN licensure and entry into professional nursing practice. The program incorporates the University of St. Thomas core curriculum and specific pre-nursing courses, which are addressed in the first two academic years, and courses in the nursing major, which are concentrated in the junior and senior years. The upper-division sequence of nursing major courses is offered beginning in the fall term of the junior year. The curriculum and degree requirements are built on a holistic nursing philosophy and conceptual framework. The Accelerated Second Degree BSN track, designed for applicants who have an earned baccalaureate degree, is based on the school's holistic nursing philosophy and conceptual framework and prepares graduates to complete the BSN curriculum and achieve program outcomes in an accelerated 12 month timeframe.

### BSN PROGRAM GOALS

1. Create a program based on a holistic nursing framework that contributes to the mission of UST as a Catholic liberal arts university dedicated to the education of leaders of faith and character.

2. Prepare highly qualified graduates for careers in nursing.
3. Enhance the diversity of the nursing workforce in Houston, Texas and the nation with graduates who are prepared to practice nursing as a professional discipline and a healing ministry.

The UST core curriculum goals reflect the knowledge, skills and attitudes associated with a classical liberal arts education and are highly congruent with the standards for professional nursing education articulated in the AACN *Essentials of Baccalaureate Education for Professional Nursing Practice* (2008), the Texas Board of Nursing *Differentiated Essential Competencies* (2010) and the Institute of Medicine Core Competencies (2005). The PSN BSN Program Goals are to prepare graduates to achieve entry-level competency for the transition into professional nursing practice as a provider of safe, high quality patient-centered care, an effective member of the health care team and member of the nursing profession whose practice reflects an understanding of nursing as a healing ministry. In order to meet those program goals, students are expected to meet the learning outcomes listed in the appropriate section upon graduation.

## **ADMISSIONS TO THE SCHOOL OF NURSING BSN PROGRAM**

### **Freshman Students**

Students applying to the University as a freshman can note the major of Nursing on their UST application. This will allow students to enroll in courses necessary for prerequisites to complete. This will also reserve a spot in our School of Nursing program for the student. Below are requirements after the freshman year that must be completed to transition to the BSN program:

- 3.0 overall high-school GPA on a 4.0 system
- Successful completion of BIOL 2445 (A&P I) and BIOL 2446 (A&P II) with C or higher
- Completion of HESI A2 exam at the end of the spring semester.
- All pre-nursing courses, NURS 2343 Patho-Pharm I, NURS 2344 Patho-Pharm II, NURS 2342 Health Assessment, prior to the beginning of the upper-division nursing sequence of courses.

These students should work closely with the Nursing Success Center if they have any questions.

### **Transfer Students**

Student applying to enter the School of Nursing, BSN Program as a transfer must complete UST application online (<https://myust.stthom.edu/apply>). All official documents and test scores must be addressed to the UST admissions office (<https://www.stthom.edu/Admissions>). A strong candidate will have at minimum the following components:

- Completion of A&P I and A&P II courses.
- Grades of A or B in all attempts of pre-nursing/science courses.
- Grade B or higher in math courses.
- Submission of a well-written, compelling essay which answers the required questions and required formatting and demonstrates the student's passion for nursing as a career and vocation.
- HESI score of 80 or higher in the following sections: Reading Comprehension, Grammar, Vocabulary, Math, and Anatomy and Physiology.

Once file is complete, students will be reviewed on the following deadlines: March 1, April 1, and June 1.

## Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.

## Pre-Nursing Course Requirements

Complete all of the following courses.

Item #	Title	Credits
BIOL 2333	Introduction to Microbiology	3.0
BIOL 2445	Human Anatomy and Physiology I	4.0
BIOL 2446	Human Anatomy and Physiology II	4.0
PSYC 3339	Human Growth and Development	3.0
	MATH 2330 or 1314	

## Nursing

Item #	Title	Credits
NURS 2202	Calculations for Nursing	2.0
NURS 3343	Nursing Pharmacology	3.0
NURS 3344	Nursing Pathophysiology	3.0
NURS 2342	Health Assessment	3.0
NURS 2642	Foundations of Holistic Nursing Practice	6.0
NURS 3351	Art and Science of Holistic Nursing	3.0
NURS 3250	Clinical Inquiry/EBP/Informatics	2.0
NURS 3651	Holistic Nursing: Care of Adults and Older Adults	6.0
NURS 3552	Holistic Nursing: Care of Children and Families	5.0
NURS 3553	Holistic Nursing: Care of the Childbearing Family	5.0
NURS 3354	Holistic Nursing:Caring for the Community	3.0
NURS 4356	Holistic Nursing: Foundation for Clinical Leadership	3.0
NURS 4552	Holistic Nursing: Behavioral Health	5.0
NURS 4653	Holistic Nursing: Care of the Critically Ill	6.0
NURS 4655	Transition to Holistic Nursing Practice	6.0
	<b>Total Credits</b>	<b>78</b>

## Nursing: Accelerated Track (ABSN)

### Degree Type

Bachelor of Science in Nursing

The Accelerated Second Degree Bachelor of Science Degree in Nursing track at the University of St. Thomas is a one-year academic program, for students who have earned bachelor's degree from a regionally accredited university, which will prepare graduates for initial RN licensure and entry into professional nursing practice. The program incorporates the University of St. Thomas required courses. The curriculum and degree requirements are built on a holistic nursing philosophy and conceptual framework.

## Admission to the School of Nursing Accelerated Second Degree BSN Track

Students applying to enter the School of Nursing, ABSN Program must complete the UST application online (<https://myust.stthom.edu/apply>). All official documents and test scores must be addressed to the UST admissions office (<https://www.stthom.edu/Admissions>). Requirements for the ABSN are the following:

- A baccalaureate degree from a regionally accredited university.
- Cumulative GPA of a 3.0 or higher.
- A 3.0 science GPA or higher.
- HESI scores of 80 or higher in Reading Comprehension, Grammar, Vocabulary, Math, and Anatomy and Physiology.
- An interview with Nursing Admissions staff.
- Prerequisite courses\*: Anatomy and Physiology I & II with labs, Introduction to Microbiology with lab, & Nursing Statistics.

*\*These courses can be taken through UST-ABSN online courses. All nursing prerequisite courses must be successfully completed prior to enrollment in the nursing clinical courses. Only students admitted to the Peavy School of Nursing may register for the upper-division nursing courses.*

## Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.



## Accelerated Nursing Course Requirements

Complete all of the following courses.

Item #	Title	Credits
NURS 3370	Nursing Pharmacology	3.0
NURS 3372	Nursing Pathophysiology	3.0
NURS 2372	Health Assessment	3.0
NURS 3270	Clinical Inquiry/EBP/Informatics	2.0
NURS 4670	Foundations of Holistic Nursing Practice	6.0
NURS 3371	Art and Science of Holistic Nursing	3.0
NURS 3672	Holistic Nursing: Care of Adults and Older Adults	6.0
NURS 3573	Holistic Nursing: Care of the Childbearing Family	5.0
NURS 3574	Holistic Nursing: Care of Children and Families	5.0
NURS 4371	Holistic Nursing:Foundation for Clinical Leadership	3.0
NURS 4572	Holistic Nursing: Behavioral Health	5.0
NURS 4673	Holistic Nursing: Care of the Critically Ill	6.0
NURS 3375	Holistic Nursing:Caring for the Community	3.0
NURS 4574	Transition to Holistic Nursing Practice	5.0
	<b>Total Credits</b>	<b>58</b>

## Pastoral Theology

### Degree Type

Undergraduate Certificate

The Diaconate Program at the University of St. Thomas shows how the fostering of vocations is made through efforts to communicate and share the story of the diaconate and the sacramental nature of this ecclesial ministry which finds its meaning in the life of service. Formation of candidates proceeds from a period of initial interviews to four years of intense human, intellectual, spiritual and pastoral formation during which the goal is to mold the candidates into true "icons of Christ the Servant."

The Diaconate Program is in full conformity with the National Directory for the Formation, Ministry and Life of Permanent Deacons of the United States Conference of Catholic Bishops.

For more information, contact 713-654-5706 or [sms@stthom.edu](mailto:sms@stthom.edu)

## Course Requirements

Item #	Title	Credits
CU 2222	Covenant & Kingdom: Genesis to Kings	2.0
CU 2204	Pauline Letters	2.0
CU 2202	Prophets	2.0
CU 2223	Introduction to Liturgy	2.0
CU 2203	Gospels	2.0
CU 2228	Moral Theology/Contemporary Issues	2.0
CU 2221	Early Church Fathers	2.0
CU 2205	Church History	2.0
CU 2227	Christology & Doctrine of God	2.0
CU 2217	Sacraments I & II	2.0
CU 2210	Christian Anthropology-Eschatology	2.0
CU 2207	Introduction to Church	2.0
	<b>Total Credits</b>	<b>24</b>

## Philosophy

### Degree Type

Bachelor of Arts

## Philosophy Required Courses

Complete all of the following courses.

Item #	Title	Credits
PHILC 1301	Philosophy of Nature and the Human Person	3.0
PHILC 2301	Ethics	3.0
PHILC 3301	Metaphysics	3.0
PHIL 3333	Logic (Traditional Logic)	3.0
PHIL 3353	Aquinas Seminar	3.0
PHIL 4390	Senior Seminar	3.0
	(PHIL 3315/3316) Ancient or Medieval Philosophy	3
	(PHIL 3317/4318) Modern or Contemporary Philosophy	3

## Additional Philosophy Courses

Complete 12hrs additional upper-division PHIL courses.

## Foreign Language

Choose one language sequence (Latin or Greek)

Item #	Title	Credits
CLASS 1331	Introduction to Latin I	3.0
CLASS 1332	Introduction to Latin II	3.0
CLASS 1341	Introduction to Classical Greek I	3.0
CLASS 1342	Introduction to Classical Greek II	3.0
	<b>Total Credits</b>	<b>42</b>

## Philosophy

### Degree Type

Bachelor of Arts & Master of Arts

For the specific requirements of the MA Comprehensive Examination, please see the following page:

[Philosophy MA Comprehensive Examination Requirements](#)

### BA Philosophy Core Courses

Complete all of the following courses.

Item #	Title	Credits
PHILC 1301	Philosophy of Nature and the Human Person	3.0
PHILC 2301	Ethics	3.0
PHILC 3301	Metaphysics	3.0
PHIL 3333	Logic (Traditional Logic)	3.0
PHIL 3353	Aquinas Seminar	3.0
PHIL 4390	Senior Seminar	3.0
	(PHIL 3315/3316) Ancient or Medieval Philosophy	3
	(PHIL 3317/4318) Modern or Contemporary Philosophy	3

### BA Foreign Language Requirement

Choose one language sequence (Latin or Greek)

Item #	Title	Credits
CLASS 1331	Introduction to Latin I	3.0
CLASS 1332	Introduction to Latin II	3.0
CLASS 1341	Introduction to Classical Greek I	3.0
CLASS 1342	Introduction to Classical Greek II	3.0

### MA Philosophy Core Courses

Item #	Title	Credits
PHIL 5314	Thomas Aquinas on Human Nature	3.0
PHIL 5304	Thomistic Metaphysics	3.0
PHIL 5338	Introduction to Thomistic Ethics	3.0
PHIL 5359	Philosophical Latin	3.0
	Philosophy Requirement Option	

### MA Philosophy Elective Courses

Complete 4 additional graduate philosophy courses.

## Exam or Thesis Option 1

### MA Comprehensive Exam

- A three credit-hour Comprehensive Exam Course involves the student in the reading and outlining of twelve (12) books for the MA exam.
- A six-hour written examination, divided into two sessions.
- A one-hour oral exam administered by three faculty examiners

*This option is required for those proceeding to the Ph.D.*

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
PHIL 5340	MA Comprehensive Course Exam	3.0

## Exam or Thesis Option 2

### MA Masters Thesis.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
PHIL 5300	MA Thesis Direction	3.0

## Latin Language Proficiency Exam

Pass Latin exam at MA level.

<b>Total Credits</b>		<b>60</b>
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## Philosophy

### Degree Type

Minor

## Philosophy Required Courses

Complete all of the following courses.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
PHILC 1301	Philosophy of Nature and the Human Person	3.0
PHILC 2301	Ethics	3.0
PHILC 3301	Metaphysics	3.0

## Philosophy Electives

Choose three additional upper-division PHIL courses.

<b>Total Credits</b>		<b>18</b>
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## Physics

### Degree Type

Minor

This program allows students majoring in other disciplines to develop a more comprehensive understanding of physics than could be achieved from taking only one or two courses and prepares students for interdisciplinary work relying on physical methods. Students minoring in physics must complete 18 credit hours in physics. At least 9 of those hours must be at the 3000 or 4000 upper-division level.

## Mathematics Pre/Co-Requisites

Not included in minor

Item #	Title	Credits
MATH 1431	Calculus I	4.0
MATH 1432	Calculus II	4.0

## Physics Required Courses

Item #	Title	Credits
PHYS 2333	University Physics I	3.0
PHYS 2111	University Physics I Laboratory	1.0
PHYS 2334	University Physics II	3.0
PHYS 2112	University Physics II Lab	1.0
PHYS 3337	Modern Physics	3.0
PHYS 3137	Modern Physics Laboratory	1.0
PHYS 3130	Junior/Senior Seminar in Physics and Engineering	1.0

## Physics Elective

Choose an additional 5 credit hours of upper-division (3000/4000 level) physics.

<b>Total Credits</b>	<b>18</b>
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## Polish Studies

### Degree Type

Minor

### Required Courses

Complete all of the following courses.

Item #	Title	Credits
PLSH 1331	Elementary Polish I	3.0
PLSH 1332	Elementary Polish II	3.0
PLSH 2300	Introduction to Polish Culture	3.0
PLSH 3310	Poland in the 20th Century	3.0

## Electives

Complete at least two of the following courses. *Note: At least 6hrs of electives must be upper-division.*

Item #	Title	Credits
PHIL 4327	Philosophy of Wojtyla (John Paul II)	3.0
PLSH 2331	Intermediate Polish I	3.0
PLSH 2332	Intermediate Polish II	3.0
PLSH 3310	Poland in the 20th Century	3.0
PLSH 3315	The History of XVI-XIX Century	3.0
PLSH 3320	Polish Texans: The History of Texas Polonia	3.0
PLSH 3325	Contemporary Poland	3.0
PLSH 3330	Contemporary Polish Cinema	3.0
PLSH 3335	Contemporary Polish Writers	3.0
PLSH 4392	Directed Reading/Independent Study in Polish	3.0
	<b>Total Credits</b>	<b>18</b>

## Political Science

### Degree Type

Bachelor of Arts

Note: Students cannot use any courses from a Pre-Law minor to satisfy this degree plan.

### Required for all Political Science Majors

POSC 4311 may substitute for POSC 4399 with permission.

Item #	Title	Credits
POSC 2331	American Federal Government	3.0
POSC 2332	Texas State and Local Government	3.0
POSC 3300	Methods in Social Research	3.0
POSC 3301	Statistics for the Social Sciences	3.0
POSC 4399	Senior Thesis	3.0
POSC 4311	Mock Trial	3.0

## Political Theory

Choose one from the following:

Item #	Title	Credits
POSC 4301	Political Theory: Plato to Machiavelli	3.0
POSC 4303	American Political Theory	3.0
POSC 4304	Contemporary Political Theory	3.0
POSC 4305	Religion and Politics	3.0

## International/Comparative

Choose one from the following.

Item #	Title	Credits
POSC 4354	American Foreign Policy Process	3.0
INST 3351	Comparative Political Systems	3.0
POSC 3352	International Politics	3.0

## Public Law

Choose one from the following

Item #	Title	Credits
POSC 3302	History of the Common Law	3.0
POSC 3305	Comparative Legal Systems: Civil Law (Roman Law) and the Common Law	3.0
POSC 3321	Immigration Law and Policy	3.0
POSC 3327	Introduction to American Jurisprudence	3.0
POSC 3342	Judicial Process	3.0
POSC 3355	American Constitutional Law	3.0
POSC 3356	American Constitutional Law II	3.0

## Electives:

3 credits from A and 9 credits from A (American Political Leadership, Participation and Public Law), B (Public Administration), or C (Political Anthropology).

### A: American Political Leadership, Participation and Public Law

Item #	Title	Credits
POSC 3334	Campaigns and Elections	3.0
POSC 3335	Interest Groups, Political Parties, and Political Participation	3.0
POSC 3337	Politics and the Media	3.0
POSC 3350	U.S. Congress	3.0
POSC 3353	The Presidency and the Executive Branch	3.0
POSC 3375	Federalism and Intergovernmental Relations	3.0

### B: Public Administration

For Public Admin. Concentration take 3371 and 6 other hours from this grouping

Item #	Title	Credits
POSC 3371	Introduction to Public Administration	3.0
POSC 3372	Public Personnel Administration	3.0
POSC 3373	Public Administration Ethics	3.0
POSC 3374	Public Organizations: Theory and Behavior	3.0
POSC 3376	Public Budgeting and Finance	3.0
POSC 3354	Emergency Management	3.0

## C: Political Anthropology

Item #	Title	Credits
POSC 3332	Urban Government & Politics	3.0
POSC 3333	Law and Society	3.0
POSC 4336	Development of Mesoamerican and Ancestral Puebloan Government in Mexico	3.0

## Pre-Law Concentration:

Item #	Title	Credits
POSC 3302	History of the Common Law	3.0
POSC 3327	Introduction to American Jurisprudence	3.0
POSC 3355	American Constitutional Law	3.0
POSC 4311	Mock Trial	3.0

## Public Law Concentration:

Item #	Title	Credits
POSC 3302	History of the Common Law	3.0
POSC 3305	Comparative Legal Systems: Civil Law (Roman Law) and the Common Law	3.0
POSC 3321	Immigration Law and Policy	3.0
POSC 3342	Judicial Process	3.0
POSC 3355	American Constitutional Law	3.0
POSC 3356	American Constitutional Law II	3.0
<b>Total Credits</b>		<b>36</b>

## Political Science

### Degree Type

Minor

*Note: Students cannot use any courses from a Pre-Law minor to satisfy this degree plan.*

## Political Science Core

Complete all of the following courses.

Item #	Title	Credits
POSC 2331	American Federal Government	3.0
POSC 2332	Texas State and Local Government	3.0

## Political Science Electives

Complete 9hrs from any 3000/4000-Level POSC courses.

<b>Total Credits</b>		<b>15</b>
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## Pragmatic Studies

### Degree Type

Associate of Applied Science



Education is a foundation that enables anyone to have a successful career and life. The University of St. Thomas Associate of Applied Science in Pragmatic Studies is a **two-year program designed specifically for students who have learning differences that may interfere with academic success in a traditional collegiate setting.**

Using **Universal Design for Learning (UDL) as an instructional modality**, students in this program will spend 12-15 hours per week in the classroom with a cohort of 12-15 students, which will allow for more personalized instruction.

The Associate of Applied Science in Pragmatic Studies **prepares and influences socially responsible citizens who will transform and sustain communities.** Graduates will possess the knowledge, skills, and dispositions needed to meet postsecondary goals and increase employment outcomes. Graduates will also demonstrate that learning differences will no longer be an obstacle for success.

### First Semester

Item #	Title	Credits
AEXC 1300	Computer Applications & Communication in the Workplace	3.0
AEXC 1305	Nutrition, Health, & Fitness	3.0
AEXC 1310	Political Structures in America	3.0
AEXC 1315	Social Media & Virtual Communication	3.0
AEXC 1320	Academic Strategies	3.0

### Second Semester

Item #	Title	Credits
AEXC 1335	Personal Finance & Financial Literacy	3.0
AEXC 1340	Social Change in America	3.0
AEXC 1345	Healthy Relationships	3.0
AEXC 1350	Environmental Science & Healthy Living	3.0
AEXC 1320	Academic Strategies	3.0

### Third Semester

Item #	Title	Credits
AEXC 1325	Experiential Learning I	3.0
AEXC 1330	Sacred Scripture, Community Outreach, & Catholic Service	3.0

### Fourth Semester

Item #	Title	Credits
AEXC 2300	Criminology & Law	3.0
AEXC 2305	Biological Systems & Health	3.0
AEXC 2310	Cultural Awareness	3.0
AEXC 2315	Communication in the Workplace	3.0

### Fifth Semester

Item #	Title	Credits
AEXC 2330	Internship I Student Mentorship	3.0
AEXC 2335	Financial Health & Retirement	3.0
AEXC 2320	News & Daily Living	3.0
AEXC 2345	Public Speaking	3.0

## Sixth Semester

Item #	Title	Credits
AEXC 2325	Experiential Learning II	3.0
AEXC 2340	Internship II Career Portfolio	3.0
	<b>Total Credits</b>	<b>66</b>

## Pre-Anesthesiologist Assistant

### Degree Type

Track

### Biology

Item #	Title	Credits
BIOL 1351	Introduction to Population Biology and Evolution	3.0
BIOL 1151	Introduction to Biology Practicum	1.0
BIOL 1352	Introduction to Cell and Molecular Biology	3.0
BIOL 1152	Basic Lab Techiques in Biology	1.0
BIOL 2445	Human Anatomy and Physiology I	4.0
	(BIOL/CHEM 3334) Biochemistry	3

### Chemistry

Must take in order:

Item #	Title	Credits
CHEM 1341	General Chemistry I	3.0
CHEM 1141	General Chemistry I Laboratory	1.0
CHEM 1342	General Chemistry II	3.0
CHEM 1142	General Chemistry II Laboratory	1.0
CHEM 2343	Organic Chemistry I	3.0
CHEM 2143	Organic Chemistry I Laboratory	1.0

### Chemistry Additional Courses

These courses are preferred but not required.

Item #	Title	Credits
CHEM 3333	Organic Chemistry II	3.0
CHEM 3133	Organic Chemistry II Laboratory	1.0

### Physics

Choose one pair of courses:

Item #	Title	Credits
	University Physics I & II w/ Labs	
	General Physics I & II w/ lab	

## Statistics

Choose one of the following:

Item #	Title	Credits
MATH 2435	Introduction to Statistical and Quantitative Analysis	4.0
MATH 3450	Biostatistics I	4.0
PSYC 3433	Foundations of Statistical Analysis	4.0

## Calculus

Item #	Title	Credits
MATH 1431	Calculus I	4.0

## English

Item #	Title	Credits
ENGL 1341	The Classical Tradition: Literature & Composition I	3.0

### REQUIREMENTS FOR CONSIDERATION INTO UST-CASE WESTERN RESERVE UNIVERSITY (CWRU) ARTICULATION AGREEMENT PROGRAM

- Undergraduate students must be working towards or have earned a Bachelor's degree at UST and have completed at least 40 credits at UST from the requirements course list\*
- Post-baccalaureate students must complete at least 40 credits at UST from the requirements course list\*
- Obtain a 3.25 cumulative GPA
- Obtain a **B- or above on all prerequisite courses**
- Obtain a B- or above on all non-prerequisite courses (**any C grade in non-prerequisite courses must have a written explanation** submitted with the application. Any grade of D or F will disqualify the candidate from the program.
- Within 3 years of application deadline, obtain a minimum
  - MCAT score of 500 or higher OR
  - GRE score of at least: 153 Verbal, 156 Quantitative Reasoning, 4.0 Analytical Writing
- Shadowed with Anesthesiologist Assistants
- Applications interested in this program will submit a form to HPAC by April. A formal application must be submitted to CWRU by August 1 once approved by HPAC.
- All application documents, including Altus Suite, must be submitted to CWRU Master's in Anesthesia Program by August 1.
- Students that do not meet the above criteria, can still apply on their own to CWRU or other Anesthesiologist Assistant Programs

\* All courses must be taken within 7 years of application deadline. An MCAT score of 500+ waives the time-limit on prerequisite courses

For the CWRU/UST program, the following courses **MUST** be taken at UST within 5 years of application deadline:

1. A&P I
2. Biochemistry

Contact your HPAC advisor if you have any questions.

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**Total Credits**

**46-50**

## Pre-Anesthesiologist Assistant Studies

### Degree Type

Post-Baccalaureate Certificate

### REQUIREMENTS

- Must have a Baccalaureate degree\*
- Complete at least 30 credits at UST from the BIOL, CHEM, PHYS, MATH classes below or other UD courses in these subjects
- Obtain a 3.0 cumulative GPA or above in courses at UST
- Must attend the HPAC Introductory Workshop during the first semester of enrollment
- Students who do not need 30 credits to complete their prereqs, should apply to the Post-Baccalaureate Post-Baccalaureate Pre-Medical Program (non-certificate)

\* GPA and other requirements as per office of admissions

### Biology

Item #	Title	Credits
BIOL 1351	Introduction to Population Biology and Evolution	3.0
BIOL 1151	Introduction to Biology Practicum	1.0
BIOL 1352	Introduction to Cell and Molecular Biology	3.0
BIOL 1152	Basic Lab Techiques in Biology	1.0
BIOL 2445	Human Anatomy and Physiology I	4.0
	(BIOL/CHEM 3334) Biochemistry	3

### Chemistry

Must take in order:

Item #	Title	Credits
CHEM 1341	General Chemistry I	3.0
CHEM 1141	General Chemistry I Laboratory	1.0
CHEM 1342	General Chemistry II	3.0
CHEM 1142	General Chemistry II Laboratory	1.0
CHEM 2343	Organic Chemistry I	3.0
CHEM 2143	Organic Chemistry I Laboratory	1.0

### Chemistry Additional Courses

These courses are preferred but not required.

Item #	Title	Credits
CHEM 3333	Organic Chemistry II	3.0
CHEM 3133	Organic Chemistry II Laboratory	1.0

### Physics

Choose one pair of courses:

Item #	Title	Credits
	University Physics I & II w/ Labs	
	General Physics I & II w/ lab	

## Statistics

Choose one of the following:

Item #	Title	Credits
MATH 2435	Introduction to Statistical and Quantitative Analysis	4.0
MATH 3450	Biostatistics I	4.0
PSYC 3433	Foundations of Statistical Analysis	4.0

## Calculus

Item #	Title	Credits
MATH 1431	Calculus I	4.0

## English

Item #	Title	Credits
ENGL 1341	The Classical Tradition: Literature & Composition I	3.0

### REQUIREMENTS FOR CONSIDERATION INTO UST-CASE WESTERN RESERVE UNIVERSITY (CWRU) ARTICULATION AGREEMENT PROGRAM

- Post-baccalaureate students must complete at least 40 credits at UST from the requirements course list\*
- Obtain a 3.25 cumulative GPA
- Obtain a **B- or above on all prerequisite courses**
- Obtain a B- or above on all non-prerequisite courses (**any C grade in non-prerequisite courses must have a written explanation** submitted with the application. Any grade of D or F will disqualify the candidate from the program.
- Within 3 years of application deadline, obtain a minimum
  - MCAT score of 500 or higher OR
  - GRE score of at least: 153 Verbal, 156 Quantitative Reasoning, 4.0 Analytical Writing
- Shadowed with Anesthesiologist Assistants
- Applications interested in this program will submit a form to HPAC by April. A formal application must be submitted to CWRU by August 1 once approved by HPAC.
- All application documents, including Altus Suite, must be submitted to CWRU Master's in Anesthesia Program by August 1.
- Students that do not meet the above criteria, can still apply on their own to CWRU or other Anesthesiologist Assistant Programs

\* All courses must be taken within 7 years of application deadline. An MCAT score of 500+ waives the time-limit on prerequisite courses

For the CWRU/UST program, the following courses **MUST** be taken at UST within 5 years of application deadline:

1. A&P I
2. Biochemistry

Contact your HPAC advisor if you have any questions.

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**Total Credits**

**46-50**

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## Pre-Dental

### Degree Type

Track

As part of a Pre-Health Track, you'll work with a dedicated Health Professions Advisory Committee (HPAC) advisor to plan your roadmap to a health professions school

## Biology

Must take in Order

Item #	Title	Credits
BIOL 1351	Introduction to Population Biology and Evolution	3.0
BIOL 1151	Introduction to Biology Practicum	1.0
BIOL 1352	Introduction to Cell and Molecular Biology	3.0
BIOL 1152	Basic Lab Techniques in Biology	1.0
BIOL 3321	Genetics	3.0
BIOL 3333	Microbiology	3.0

## Additional Biology

Required Only for Texas A&M School of Dentistry. Complete one of the following.

Item #	Title	Credits
	Human Anatomy and Physiology I & II	
	Comparative Anatomy and Physiology	

## Chemistry

Must take in order:

Item #	Title	Credits
CHEM 1341	General Chemistry I	3.0
CHEM 1141	General Chemistry I Laboratory	1.0
CHEM 1342	General Chemistry II	3.0
CHEM 1142	General Chemistry II Laboratory	1.0
CHEM 2343	Organic Chemistry I	3.0
CHEM 2143	Organic Chemistry I Laboratory	1.0
CHEM 3333	Organic Chemistry II	3.0
CHEM 3133	Organic Chemistry II Laboratory	1.0

## Biochemistry

Item #	Title	Credits
	(BIOL/CHEM 3334) Biochemistry	3

## Physics

Item #	Title	Credits
	General Physics I & II w/ lab	

## Statistics

Choose one of the following:

Item #	Title	Credits
MATH 3332	Elementary Statistical Methods for Economics & Business	3.0
MATH 3450	Biostatistics I	4.0
PSYC 3433	Foundations of Statistical Analysis	4.0

## English

Item #	Title	Credits
ENGL 1341	The Classical Tradition: Literature & Composition I	3.0
ENGL 1342	The Middle Ages & Renaissance: Literature & Composition II	3.0
<b>Total Credits</b>		<b>57-59</b>

## Pre-Dental Studies

### Degree Type

Post-Baccalaureate Certificate

### REQUIREMENTS

- Must have a Baccalaureate degree\*
- Complete at least 30 credits at UST from the BIOL, CHEM, PHYS, MATH classes below
- Obtain a 3.0 cumulative GPA or above in courses at UST
- Must attend the HPAC Introductory Workshop during the first semester of enrollment
- Students who do not need 30 credits to complete their prereqs, should apply to the Post-Baccalaureate Pre-Dental Program (non-certificate)

\* GPA and other requirements as per office of admissions

## Biology

Item #	Title	Credits
BIOL 1351	Introduction to Population Biology and Evolution	3.0
BIOL 1151	Introduction to Biology Practicum	1.0
BIOL 1352	Introduction to Cell and Molecular Biology	3.0
BIOL 1152	Basic Lab Techniques in Biology	1.0
BIOL 3321	Genetics	3.0
BIOL 3333	Microbiology	3.0

## Additional Biology

Required only for Texas A&M College of Dentistry. Chose from one of the following lecture/lab combinations:

Item #	Title	Credits
	Human Anatomy and Physiology I & II	
	Comparative Anatomy and Physiology	

## Chemistry

Item #	Title	Credits
CHEM 1341	General Chemistry I	3.0
CHEM 1141	General Chemistry I Laboratory	1.0
CHEM 1342	General Chemistry II	3.0
CHEM 1142	General Chemistry II Laboratory	1.0
CHEM 2343	Organic Chemistry I	3.0
CHEM 2143	Organic Chemistry I Laboratory	1.0
CHEM 3333	Organic Chemistry II	3.0
CHEM 3133	Organic Chemistry II Laboratory	1.0

## Biochemistry

Item #	Title	Credits
	(BIOL/CHEM 3334) Biochemistry	3

## Physics

Choose one pair of courses:

Item #	Title	Credits
	General Physics I & II w/ lab	
	University Physics I & II w/ Labs	

## Statistics

Choose from one of the following:

Item #	Title	Credits
MATH 3450	Biostatistics I	4.0
PSYC 3433	Foundations of Statistical Analysis	4.0
MATH 3332	Elementary Statistical Methods for Economics & Business	3.0

## English

Item #	Title	Credits
ENGL 1341	The Classical Tradition: Literature & Composition I	3.0
ENGL 1342	The Middle Ages & Renaissance: Literature & Composition II	3.0
	<b>Total Credits</b>	<b>57-59</b>

## Pre-Law

### Degree Type

Minor

*Note: The following courses do not contribute to students' Political Science major or minor degree plans.*



## Pre-Law Required Courses

Complete all of the following courses.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
POSC 3302	History of the Common Law	3.0
POSC 3305	Comparative Legal Systems: Civil Law (Roman Law) and the Common Law	3.0
POSC 3327	Introduction to American Jurisprudence	3.0
POSC 4311	Mock Trial	3.0

## Law Course Requirement

Complete one of the following or other POSC/INST courses related to the Pre-Law Program with permission of the director.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
POSC 3318	Administrative Law	3.0
POSC 3321	Immigration Law and Policy	3.0
POSC 3355	American Constitutional Law	3.0
POSC 3356	American Constitutional Law II	3.0
INST 4364	International Law	3.0
	<b>Total Credits</b>	<b>15</b>

## Pre-Medical

### Degree Type

Track

As part of a Pre-Health Track, you'll work with a dedicated Health Professions Advisory Committee (HPAC) advisor to plan your roadmap to a health professions school

## Biology

Must take in Order

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
BIOL 1351	Introduction to Population Biology and Evolution	3.0
BIOL 1151	Introduction to Biology Practicum	1.0
BIOL 1352	Introduction to Cell and Molecular Biology	3.0
BIOL 1152	Basic Lab Techniques in Biology	1.0
BIOL 3321	Genetics	3.0
	(BIOL/CHEM 3334) Biochemistry	3

## Chemistry

Must take in order:

Item #	Title	Credits
CHEM 1341	General Chemistry I	3.0
CHEM 1141	General Chemistry I Laboratory	1.0
CHEM 1342	General Chemistry II	3.0
CHEM 1142	General Chemistry II Laboratory	1.0
CHEM 2343	Organic Chemistry I	3.0
CHEM 2143	Organic Chemistry I Laboratory	1.0
CHEM 3333	Organic Chemistry II	3.0
CHEM 3133	Organic Chemistry II Laboratory	1.0

## Physics

Choose one pair of courses:

Item #	Title	Credits
	General Physics I & II w/ lab	
	University Physics I & II w/ Labs	

## Statistics

Choose one of the following:

Item #	Title	Credits
MATH 3332	Elementary Statistical Methods for Economics & Business	3.0
MATH 3450	Biostatistics I	4.0
PSYC 3433	Foundations of Statistical Analysis	4.0

## English

Item #	Title	Credits
ENGL 1341	The Classical Tradition: Literature & Composition I	3.0
ENGL 1342	The Middle Ages & Renaissance: Literature & Composition II	3.0

## HIGHLY RECOMMENDED: Social Science

These courses are not required, but content from them is included on the MCAT.

Item #	Title	Credits
PSYC 1332	General Psychology	3.0
SOCI 1331	Principles of Sociology	3.0
	<b>Total Credits</b>	<b>47-54</b>

## Pre-Medical Studies

### Degree Type

Post-Baccalaureate Certificate

### REQUIREMENTS

- Must have a Baccalaureate degree\*
- Complete at least 30 credits at UST from the BIOL, CHEM, PHYS, MATH classes below or other UD courses in these subjects
- Obtain a 3.0 cumulative GPA or above in courses at UST
- Must attend the HPAC Introductory Workshop during the first semester of enrollment
- Students who do not need 30 credits to complete their prereqs, should apply to the Post-Baccalaureate Post-Baccalaureate Pre-Medical Program (non-certificate)

\* GPA and other requirements as per office of admissions

## Biology

Item #	Title	Credits
BIOL 1351	Introduction to Population Biology and Evolution	3.0
BIOL 1151	Introduction to Biology Practicum	1.0
BIOL 1352	Introduction to Cell and Molecular Biology	3.0
BIOL 1152	Basic Lab Techiques in Biology	1.0
BIOL 3321	Genetics	3.0
	(BIOL/CHEM 3334) Biochemistry	3

## Chemistry

Item #	Title	Credits
CHEM 1341	General Chemistry I	3.0
CHEM 1141	General Chemistry I Laboratory	1.0
CHEM 1342	General Chemistry II	3.0
CHEM 1142	General Chemistry II Laboratory	1.0
CHEM 2343	Organic Chemistry I	3.0
CHEM 2143	Organic Chemistry I Laboratory	1.0
CHEM 3333	Organic Chemistry II	3.0
CHEM 3133	Organic Chemistry II Laboratory	1.0

## Physics

Choose one pair of courses:

Item #	Title	Credits
	General Physics I & II w/ lab	
	University Physics I & II w/ Labs	

## Statistics

Choose one of the following:

Item #	Title	Credits
MATH 3450	Biostatistics I	4.0
PSYC 3433	Foundations of Statistical Analysis	4.0
MATH 3332	Elementary Statistical Methods for Economics & Business	3.0

## English

Item #	Title	Credits
ENGL 1341	The Classical Tradition: Literature & Composition I	3.0
ENGL 1342	The Middle Ages & Renaissance: Literature & Composition II	3.0

## HIGHLY RECOMMENDED: Social Sciences

These courses are not prerequisites, but the content is included on the MCAT

Item #	Title	Credits
PSYC 1332	General Psychology	3.0
SOCI 1331	Principles of Sociology	3.0
<b>Total Credits</b>		<b>47-54</b>

## Pre-Optometry

### Degree Type

Track

As part of a Pre-Health Track, you'll work with a dedicated Health Professions Advisory Committee (HPAC) advisor to plan your roadmap to a health professions school

## Biology

Must take in Order

Item #	Title	Credits
BIOL 1351	Introduction to Population Biology and Evolution	3.0
BIOL 1151	Introduction to Biology Practicum	1.0
BIOL 1352	Introduction to Cell and Molecular Biology	3.0
BIOL 1152	Basic Lab Techniques in Biology	1.0
BIOL 3321	Genetics	3.0
BIOL 3333	Microbiology	3.0
BIOL 3133	Microbiology Laboratory	1.0
	(BIOL/CHEM 3334) Biochemistry	3

## Chemistry

Must take in order:

Item #	Title	Credits
CHEM 1341	General Chemistry I	3.0
CHEM 1141	General Chemistry I Laboratory	1.0
CHEM 1342	General Chemistry II	3.0
CHEM 1142	General Chemistry II Laboratory	1.0
CHEM 2343	Organic Chemistry I	3.0
CHEM 2143	Organic Chemistry I Laboratory	1.0

## Physics

Choose one pair of courses:

Item #	Title	Credits
	General Physics I & II w/ lab	
	University Physics I & II w/ Labs	

## Mathematics

Item #	Title	Credits
MATH 1431	Calculus I	4.0

## Statistics

Choose one of the following:

Item #	Title	Credits
MATH 3450	Biostatistics I	4.0

## Psychology

Item #	Title	Credits
PSYC 1332	General Psychology	3.0

## Additional Requirements: University of Houston College of Optometry

*Note: Courses in this group not included in program total.*

Advanced Anatomy and/or Advanced Physiology (higher than A&P I or II) are recommended. Acceptance of other advanced biology courses to satisfy prerequisite requirements is at the discretion of the admissions committee. It is recommended that applicants receive prior approval from the Program Manager for Admissions for applicable courses. Courses such as genetics, molecular biology, cell biology, neuroscience, anatomy, physiology, advanced human physiology, mammalian physiology, immunology, and endocrinology will be acceptable. Courses such as plant physiology, ecology, biodiversity, biotechnology will not be accepted.

Choose a combination of two to meet the additional 5 hours of advanced biology from the following:

Item #	Title	Credits
BIOL 3339	Neuroscience	3.0
BIOL 3345	Physiology	3.0
BIOL 3351	Molecular Biology	3.0
BIOL 3461	Cell Biology	4.0
BIOL 4449	Immunology	4.0
BIOL 2445	Human Anatomy and Physiology I	4.0
BIOL 3448	Comparative Anatomy	4.0

## Additional Requirements: University of the Incarnate Word College of Optometry

*Note: Courses in this group not included in program total.*

Recommended:

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
BIOL 2445	Human Anatomy and Physiology I	4.0
BIOL 3448	Comparative Anatomy	4.0
PHIL 2314	Ethics	3.0
	<b>Total Credits</b>	<b>49</b>

## Pre-Pharmacy

### Degree Type

Track

As part of a Pre-Health Track, you'll work with a dedicated Health Professions Advisory Committee (HPAC) advisor to plan your roadmap to a health professions school

## Biology

Must take in Order

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
BIOL 1351	Introduction to Population Biology and Evolution	3.0
BIOL 1151	Introduction to Biology Practicum	1.0
BIOL 1352	Introduction to Cell and Molecular Biology	3.0
BIOL 1152	Basic Lab Techniques in Biology	1.0
BIOL 3321	Genetics	3.0
BIOL 3333	Microbiology	3.0
BIOL 3133	Microbiology Laboratory	1.0

## Chemistry

Must take in order:

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
CHEM 1341	General Chemistry I	3.0
CHEM 1141	General Chemistry I Laboratory	1.0
CHEM 1342	General Chemistry II	3.0
CHEM 1142	General Chemistry II Laboratory	1.0
CHEM 2343	Organic Chemistry I	3.0
CHEM 2143	Organic Chemistry I Laboratory	1.0
CHEM 3333	Organic Chemistry II	3.0
CHEM 3133	Organic Chemistry II Laboratory	1.0

## Physics

Choose one pair of courses:

Item #	Title	Credits
PHYS 1331	General Physics I	3.0
PHYS 1111	General Physics I Laboratory	1.0
PHYS 2333	University Physics I	3.0
PHYS 2111	University Physics I Laboratory	1.0

## Mathematics

Item #	Title	Credits
MATH 1431	Calculus I	4.0

## Statistics

Choose one of the following:

Item #	Title	Credits
MATH 3450	Biostatistics I	4.0

## Additional Requirements

*Note: Courses in the groups below are additional requirements for Pharm D. programs at Texas schools; therefore, the stated hours in each section are not included in program total.*

### University of Houston College of Pharmacy

Choose one:

Item #	Title	Credits
PSYC 1332	General Psychology	3.0
SOCI 1331	Principles of Sociology	3.0

### University of Texas College of Pharmacy

Foreign Language (2 semesters)\*

\* This requirement may be satisfied by completing either two years of a single foreign language in high school or two semesters of a single foreign language in college. Non-native English speakers may take a placement exam in their native language to demonstrate competence in that language. Proof of completion of a foreign language, by a high school or college transcript, must be submitted prior to enrollment. Applicants who started their college education prior to the summer of 1985 are exempted from this requirement.

### University of Texas at Tyler, Ben and Maytee Fisch College of Pharmacy

Item #	Title	Credits
BIOL 2445	Human Anatomy and Physiology I	4.0
BIOL 2446	Human Anatomy and Physiology II	4.0
COMM 1331	Public Speaking	3.0
ECON 1331	Principles of Macroeconomics	3.0

## University of the Incarnate Word School of Pharmacy

Item #	Title	Credits
BIOL 2445	Human Anatomy and Physiology I	4.0
BIOL 2446	Human Anatomy and Physiology II	4.0

## Texas Tech School of Pharmacy, Abilene and Amarillo campuses

Item #	Title	Credits
COMM 1331	Public Speaking	3.0
ECON 1331	Principles of Macroeconomics	3.0

## Texas A&M Irma Lerma Rangel College of Pharmacy, Kingsville

Item #	Title	Credits
COMM 1331	Public Speaking	3.0

## Texas Southern University College of Pharmacy and Health Sciences

- Also required: *Medical Terminology* (Not offered at UST).

Item #	Title	Credits
BIOL 2445	Human Anatomy and Physiology I	4.0
BIOL 2446	Human Anatomy and Physiology II	4.0
COMSC 1450	Introduction to Programming and Computer Science	4.0
COMM 1331	Public Speaking	3.0

## University of North Texas School of Pharmacy

Item #	Title	Credits
BIOL 2445	Human Anatomy and Physiology I	4.0
<b>Total Credits</b>		<b>43</b>

## Pre-Physical Therapy

### Degree Type

Track

As part of a Pre-Health Track, you'll work with a dedicated Health Professions Advisory Committee (HPAC) advisor to plan your roadmap to a health professions school

## Biology

Must take in Order

Item #	Title	Credits
BIOL 2445	Human Anatomy and Physiology I	4.0
BIOL 2446	Human Anatomy and Physiology II	4.0



## Chemistry

Must take in order:

Item #	Title	Credits
CHEM 1341	General Chemistry I	3.0
CHEM 1141	General Chemistry I Laboratory	1.0
CHEM 1342	General Chemistry II	3.0
CHEM 1142	General Chemistry II Laboratory	1.0

## Physics

Choose one pair of courses:

Item #	Title	Credits
	General Physics I & II w/ lab	
	University Physics I & II w/ Labs	

## Psychology

Item #	Title	Credits
PSYC 1332	General Psychology	3.0

## Additional Requirements

*In addition to the above, the following are required for these specific Texas schools.*

### Texas State University, San Marcos

- Additional Requirements not offered at UST

1. Medical Terminology (3 hours)
2. Exercise Physiology (3 hours)

Item #	Title	Credits
PSYC 3339	Human Growth and Development	3.0
	Statistics - Choose one from the following	4

### Texas Tech University Health Science Center, Lubbock

Item #	Title	Credits
BIOL 1351	Introduction to Population Biology and Evolution	3.0
BIOL 1151	Introduction to Biology Practicum	1.0
BIOL 1352	Introduction to Cell and Molecular Biology	3.0
BIOL 1152	Basic Lab Techniques in Biology	1.0
	Statistics - Choose one from the following	4

## Texas Woman's University, Houston & Dallas: Recommended Courses

- Additional Requirements not offered at UST

### 1. Medical Terminology (3 hours)

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
PSYC 3339	Human Growth and Development	3.0
	Calculus - Choose one from the following:	

## University of The Incarnate Word

- Additional Requirements (Not available at UST)

### 1. Medical Terminology (3 hours)

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
PSYC 3339	Human Growth and Development	3.0
	Statistics - Choose one from the following	4
BIOL 1351	Introduction to Population Biology and Evolution	3.0
BIOL 1352	Introduction to Cell and Molecular Biology	3.0

## University of Texas at El Paso

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
BIOL 1351	Introduction to Population Biology and Evolution	3.0
BIOL 1151	Introduction to Biology Practicum	1.0
BIOL 1352	Introduction to Cell and Molecular Biology	3.0
BIOL 1152	Basic Lab Techiques in Biology	1.0
PSYC 3339	Human Growth and Development	3.0
	Statistics - Choose one from the following	4
COMM 1331	Public Speaking	3.0

## University of Texas Health Science Center, San Antonio

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
BIOL 1351	Introduction to Population Biology and Evolution	3.0
BIOL 1151	Introduction to Biology Practicum	1.0
BIOL 1352	Introduction to Cell and Molecular Biology	3.0
BIOL 1152	Basic Lab Techiques in Biology	1.0
PSYC 3339	Human Growth and Development	3.0
	Statistics - Choose one from the following	4
COMM 1331	Public Speaking	3.0
SOCI 1331	Principles of Sociology	3.0

## University of Texas Medical Branch, Galveston

Item #	Title	Credits
BIOL 1351	Introduction to Population Biology and Evolution	3.0
BIOL 1151	Introduction to Biology Practicum	1.0
BIOL 1352	Introduction to Cell and Molecular Biology	3.0
BIOL 1152	Basic Lab Techniques in Biology	1.0
PSYC 3339	Human Growth and Development	3.0
	Statistics - Choose one from the following	4
	Calculus - Choose one from the following:	

## University of Texas Southwestern Medical Center, Dallas

Item #	Title	Credits
BIOL 1351	Introduction to Population Biology and Evolution	3.0
BIOL 1151	Introduction to Biology Practicum	1.0
BIOL 1352	Introduction to Cell and Molecular Biology	3.0
BIOL 1152	Basic Lab Techniques in Biology	1.0
PSYC 3339	Human Growth and Development	3.0
	Statistics - Choose one from the following	4
	Calculus - Choose one from the following:	
	<b>Total Credits</b>	<b>27</b>

## Pre-Physician Assistant

### Degree Type

Track

As part of a Pre-Health Track, you'll work with a dedicated Health Professions Advisory Committee (HPAC) advisor to plan your roadmap to a health professions school.

Notes:

- For all physician assistant programs, the listed pre-requisites for each school are a minimum required to apply.
- To be competitive for admission, consider taking:
  - Additional science courses
  - Shadowing a PA
  - Volunteer/community service
- Direct patient contact hours are recommended. These include, but are not limited to: EMT, paramedic, scribe, nurse, medical assistant, ER tech, PT aide, pharm tech, clinical research assistant, phlebotomist etc.
- Each school has different deadlines to complete pre-requisites. Check each particular school for the deadline.

## Biology

Item #	Title	Credits
BIOL 1351	Introduction to Population Biology and Evolution	3.0
BIOL 1151	Introduction to Biology Practicum	1.0
BIOL 1352	Introduction to Cell and Molecular Biology	3.0
BIOL 1152	Basic Lab Techiques in Biology	1.0
BIOL 2445	Human Anatomy and Physiology I	4.0
BIOL 2446	Human Anatomy and Physiology II	4.0
BIOL 3321	Genetics	3.0
BIOL 3333	Microbiology	3.0
BIOL 3133	Microbiology Laboratory	1.0

## Chemistry

Must take in order:

Item #	Title	Credits
CHEM 1341	General Chemistry I	3.0
CHEM 1141	General Chemistry I Laboratory	1.0
CHEM 1342	General Chemistry II	3.0
CHEM 1142	General Chemistry II Laboratory	1.0
CHEM 2343	Organic Chemistry I	3.0
CHEM 2143	Organic Chemistry I Laboratory	1.0

## Statistics

Choose one from the following:

Item #	Title	Credits
MATH 3332	Elementary Statistical Methods for Economics & Business	3.0
MATH 3450	Biostatistics I	4.0
PSYC 3433	Foundations of Statistical Analysis	4.0

## Psychology

Item #	Title	Credits
PSYC 1332	General Psychology	3.0

## Additional Requirements

*In addition to the above, the following are required for these specific Texas schools. The stated additional hours for each school are not included in program total credits.*

### Austin College Physician Assistant Program

Additional Requirements:

- Medical Terminology (not offered at UST)

### South University – Austin Physician Assistant Program

- No additional courses required

## Baylor College of Medicine Physician Assistant Program

Item #	Title	Credits
ENGL 1342	The Middle Ages & Renaissance: Literature & Composition II	3.0

## Texas Tech Physician Assistant Program:

- No additional courses required

## University of North Texas Physician Assistant Program

- No additional courses required

## UT San Antonio Master of Physician Assistant Program

- No additional courses required

## UTMB Galveston Physician Assistant Program

- Additional Psychology or Sociology elective (3 hours)
- Medical Terminology (not offered at UST) (3 hours)

Item #	Title	Credits
	(BIOL/CHEM 3334) Biochemistry	3

## UT Southwestern Master of Physician Assistant Program:

- No additional courses required

### Recommended:

- Medical Terminology (not offered at UST)

Item #	Title	Credits
BIOL 3334	Biochemistry	3.0
BIOL 3461	Cell Biology	4.0
BIOL 4449	Immunology	4.0
SPAN 1331	Elementary Spanish I	3.0

## UT Rio Grande Valley Physician Assistant Program:

- No additional courses required

## Hardin-Simmons University Master of Physician Assistant Studies

- Additional Psychology or Sociology elective (3 hours)

Item #	Title	Credits
ENGL 1301	Composition I	3.0

## University of Mary Hardin-Baylor Master of Science in Physician Assistant Program

- No additional courses required
- GRE not required

## West Coast University

Additional Requirements:

- Biochemistry
- "Candidates must be able to perform examination activities such as palpation, auscultation, percussion, the administration of intravenous medication, the application of pressure to stop bleeding, the opening of obstructed airways, and the movements, equilibrium, and functional use of the sense of touch and vision."

**Total Credits**

**41-42**

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## Pre-Physician Assistant Studies

### Degree Type

Post-Baccalaureate Certificate

### REQUIREMENTS

- Must have a Baccalaureate degree\*
- Complete at least 30 credits at UST from the BIOL, CHEM, PHYS, MATH classes below or other UD courses in these subjects
- Obtain a 3.0 cumulative GPA or above in courses at UST
- Must attend the HPAC Introductory Workshop during the first semester of enrollment
- Students who do not need 30 credits to complete their prereqs, should apply to the Post-Baccalaureate Post-Baccalaureate Pre-Medical Program (non-certificate)

\* GPA and other requirements as per office of admissions

## Biology

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
BIOL 1351	Introduction to Population Biology and Evolution	3.0
BIOL 1151	Introduction to Biology Practicum	1.0
BIOL 1352	Introduction to Cell and Molecular Biology	3.0
BIOL 1152	Basic Lab Techiques in Biology	1.0
BIOL 2445	Human Anatomy and Physiology I	4.0
BIOL 2446	Human Anatomy and Physiology II	4.0
BIOL 3321	Genetics	3.0
BIOL 3333	Microbiology	3.0
BIOL 3133	Microbiology Laboratory	1.0

## Chemistry

Must take in order:

Item #	Title	Credits
CHEM 1341	General Chemistry I	3.0
CHEM 1141	General Chemistry I Laboratory	1.0
CHEM 1342	General Chemistry II	3.0
CHEM 1142	General Chemistry II Laboratory	1.0
CHEM 2343	Organic Chemistry I	3.0
CHEM 2143	Organic Chemistry I Laboratory	1.0

## Statistics

Choose one from the following:

Item #	Title	Credits
MATH 3332	Elementary Statistical Methods for Economics & Business	3.0
MATH 3450	Biostatistics I	4.0
PSYC 3433	Foundations of Statistical Analysis	4.0

## Psychology

Item #	Title	Credits
PSYC 1332	General Psychology	3.0

## Additional Requirements

*In addition to the above, the following are required for these specific Texas schools. The stated additional hours for each school are not included in program total credits.*

### Additionally:

- For all physician assistant programs, the listed pre-requisites for each school are a minimum required to apply.
- To be competitive for admission, consider taking:
  - Additional science courses
  - Shadowing a PA
  - Volunteer/community service
- Direct patient contact hours are recommended. These include, but are not limited to: EMT, paramedic, scribe, nurse, medical assistant, ER tech, PT aide, pharm tech, clinical research assistant, phlebotomist etc.
- Each school has different deadlines to complete pre-requisites. Check each particular school for the deadline.

## Baylor College of Medicine Physician Assistant Program

Item #	Title	Credits
ENGL 1342	The Middle Ages & Renaissance: Literature & Composition II	3.0

## Texas Tech Physician Assistant Program:

- No additional courses required

## University of North Texas Physician Assistant Program

- No additional courses required

## UT San Antonio Master of Physician Assistant Program

- No additional courses required

## UTMB Galveston Physician Assistant Program

- Additional Psychology or Sociology elective (3 hours)
- Medical Terminology (not offered at UST) (3 hours)

Item #	Title	Credits
	(BIOL/CHEM 3334) Biochemistry	3

## UT Southwestern Master of Physician Assistant Program:

- No additional courses required

### Recommended:

- Medical Terminology (not offered at UST)

Item #	Title	Credits
BIOL 3334	Biochemistry	3.0
BIOL 3461	Cell Biology	4.0
BIOL 4449	Immunology	4.0
SPAN 1331	Elementary Spanish I	3.0

## UT Rio Grande Valley Physician Assistant Program:

- No additional courses required

## Hardin-Simmons University Master of Physician Assistant Studies

- Additional Psychology or Sociology elective (3 hours)

Item #	Title	Credits
ENGL 1301	Composition I	3.0

## University of Mary Hardin-Baylor Master of Science in Physician Assistant Program

- No additional courses required
- GRE not required

<b>Total Credits</b>	<b>41-42</b>
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## Pre-Veterinary

### Degree Type

Track



As part of a Pre-Health Track, you'll work with a dedicated Health Professions Advisory Committee (HPAC) advisor to plan your roadmap to a health professions school

## Biology

Must take in Order

Item #	Title	Credits
BIOL 1351	Introduction to Population Biology and Evolution	3.0
BIOL 1151	Introduction to Biology Practicum	1.0
BIOL 1352	Introduction to Cell and Molecular Biology	3.0
BIOL 1152	Basic Lab Techniques in Biology	1.0
BIOL 3321	Genetics	3.0
BIOL 3333	Microbiology	3.0
BIOL 3133	Microbiology Laboratory	1.0

## Chemistry

Must take in order:

Item #	Title	Credits
CHEM 1341	General Chemistry I	3.0
CHEM 1141	General Chemistry I Laboratory	1.0
CHEM 1342	General Chemistry II	3.0
CHEM 1142	General Chemistry II Laboratory	1.0
CHEM 2343	Organic Chemistry I	3.0
CHEM 2143	Organic Chemistry I Laboratory	1.0
CHEM 3333	Organic Chemistry II	3.0
CHEM 3133	Organic Chemistry II Laboratory	1.0

## Biochemistry

Item #	Title	Credits
	(BIOL/CHEM 3334) Biochemistry	3

## Physics

Item #	Title	Credits
	General Physics I & II w/ lab	

## Mathematics

Choose one course:

Item #	Title	Credits
MATH 3450	Biostatistics I	4.0
MATH 3332	Elementary Statistical Methods for Economics & Business	3.0

## English

Item #	Title	Credits
ENGL 1341	The Classical Tradition: Literature & Composition I	3.0
ENGL 1342	The Middle Ages & Renaissance: Literature & Composition II	3.0

## Additional Requirements

*In addition to the above, the following are required for these specific Texas schools. The stated additional hours for each school are not in the program total credits.*

### Texas A&M School of Veterinary Medicine and Biomedical Sciences

- All pre-requisite coursework must be completed by the end of the Spring semester prior to enrollment.
  - The following pre-requisite coursework must be completed prior to APPLYING:
    1. Organic Chemistry I and lab
    2. Physics I and lab
    3. Biochemistry
    4. Note: most but not all science prerequisites should be completed prior to applying
  - Genetics, Biochemistry, Statistics and Animal Nutrition must be taken at a 4-year institution.
  - "Sufficient" hours of veterinary experience (working directly with a veterinarian) and animal experience (caring for and handling animals).
  - Additional Requirements not offered at UST
1. Animal Nutrition OR Feeds and Feeding (3 hours)

Item #	Title	Credits
	Communication - Choose one from the following:	3

### Texas Tech University School of Veterinary Medicine

- All pre-requisite coursework must be completed by the end of the Spring semester prior to enrollment.
  - Applicants must demonstrate agricultural, animal or veterinary experience in RURAL and REGIONAL COMMUNITIES
  - Recommend applicants be exposed to a variety of veterinary careers and animal species PRIOR to applying.
  - Additional Requirements not offered at UST:
1. Animal Nutrition (3 hours)

<b>Total Credits</b>	<b>54-55</b>
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## Professional Sales

### Degree Type

Undergraduate Certificate

The Certificate in Professional Sales Management requires the completion of a set of 6 courses offered within the General Business Program of the Kolbe School for Innovation and Professional Studies.

This certificate coursework introduces students to the process of selling as both an art and a science. In this certificate course work, students will learn how to understand the components of a sales campaign, and understand the foundations of professional selling.

In addition, the coursework will prepare a student to plan and execute a sales campaign in a B2C or a B2B environment. It will explore critical issues that include understanding the needs of customers, solution selling, as well as introducing the concept of selling at the enterprise level.

In addition to the University of St. Thomas Certificate in Professional Sales Management, the certificate course provides students with 18 credit hours in general business. These courses can be used towards the completion of an associate in applied science in general business. Credits can be transferred to a four-year program if desired.

## Subject Matter Courses

Complete all of the following courses.

Item #	Title	Credits
PHILC 1301	Philosophy of Nature and the Human Person	3.0
GENB 2353	Foundations of Personal Sales	3.0
GENB 2355	Personal Selling	3.0

## General Business Courses

Complete all of the following courses.

Item #	Title	Credits
GENB 2343	Principles of Marketing	3.0
GENB 2347	Principles of Management	3.0
GENB 1320	Business Communication	3.0
<b>Total Credits</b>		<b>18</b>

## Professional Selling and Sales Management

### Degree Type

Minor

### Required Courses

Item #	Title	Credits
MKTG 3353	Foundations of Professional Sales	3.0
MKTG 3355	Personal Selling	3.0
MKTG 3357	Salesforce Management	3.0

### Electives

Choose two elective courses from the list below

- Other courses may be accepted with the approval of the dean, program director, or the department chair.

Item #	Title	Credits
MKTG 4393	Special Topics in Marketing	3.0
MGMT 3320	Business Communications	3.0
MKTG 3345	Consumer Behavior	3.0
PHIL 3314	Business Ethics	3.0
MGMT 3349	Managing Behavior in Organizations	3.0
MGMT 4393	Special Topics in Business Administration/Marketing	3.0
COMM 2332	Persuasion and Argumentation	3.0
COMM 3350	Interpersonal Communication	3.0
COMM 3333	Nonverbal Communication	3.0

## Psychology

### Degree Type

Bachelor of Arts

Psychology majors must maintain a cumulative GPA of at least 2.00 in psychology classes.

A student must earn a grade of "C" or better in Psychology 3433, 3434 and 3338 before taking any other course for which these are prerequisites.

Graduating seniors who are seeking a major in psychology will complete the department's evaluation instruments.

## Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.

## Required for all Psychology BA majors

Item #	Title	Credits
PSYC 1332	General Psychology	3.0
PSYC 3433	Foundations of Statistical Analysis	4.0
PSYC 3338	Experimental Psychology	3.0
PSYC 3138	Experimental Psychology Laboratory	1.0

## Laboratory Courses

Choose **two** from the following:

Item #	Title	Credits
PSYC 4434	Experimental Social Psychology	4.0
PSYC 4435	Cognitive Psychology	4.0
PSYC 4436	Perception	4.0
PSYC 4438	Biopsychology	4.0
PSYC 4439	Special Topics in Applied Psychology	4.0

## Psychology Electives

Choose three from the following:

Item #	Title	Credits
PSYC 2332	Child Psychology	3.0
PSYC 3337	Abnormal Psychology	3.0
PSYC 3339	Human Growth and Development	3.0
PSYC 3345	Sport Psychology	3.0
PSYC 3351	Industrial/Organizational Psychology	3.0
PSYC 4337	Counseling and Psychotherapy	3.0
PSYC 4342	Psychology of the Adolescent	3.0
PSYC 4393	Special Topics in Psychology	3.0

## Capstone

Item #	Title	Credits
PSYC 4345	Applications and Careers in the Psychological Sciences	3.0
PSYC 4391	Internship in Psychology	3.0
<b>Total Credits</b>		<b>34</b>

## Psychology

### Degree Type

Bachelor of Science

Psychology majors must maintain a cumulative GPA of at least 2.00 in psychology classes.

A student must earn a grade of "C" or better in Psychology 3433, 3434 and 3338 before taking any other course for which these are prerequisites.

Graduating seniors who are seeking a major in psychology will complete the department's evaluation instruments.

## Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.

## Required for all Psychology majors

Must take in order:

Item #	Title	Credits
PSYC 1332	General Psychology	3.0
PSYC 3433	Foundations of Statistical Analysis	4.0
PSYC 3434	Inferential Statistics	4.0
PSYC 3338	Experimental Psychology	3.0
PSYC 3138	Experimental Psychology Laboratory	1.0
PSYC 4440	Psychometrics	4.0

## Laboratory Courses

Choose **two** from the following:

Item #	Title	Credits
PSYC 4434	Experimental Social Psychology	4.0
PSYC 4435	Cognitive Psychology	4.0
PSYC 4436	Perception	4.0
PSYC 4438	Biopsychology	4.0
PSYC 4439	Special Topics in Applied Psychology	4.0

## Psychology Electives

Choose **two** from the following:

Item #	Title	Credits
PSYC 2332	Child Psychology	3.0
PSYC 3337	Abnormal Psychology	3.0
PSYC 3339	Human Growth and Development	3.0
PSYC 3345	Sport Psychology	3.0
PSYC 3351	Industrial/Organizational Psychology	3.0
PSYC 4337	Counseling and Psychotherapy	3.0
PSYC 4342	Psychology of the Adolescent	3.0
PSYC 4393	Special Topics in Psychology	3.0

## Capstone

Item #	Title	Credits
PSYC 4388	Research in Psychology I	3.0
PSYC 4389	Research in Psychology II	3.0
	<b>Total Credits</b>	<b>39</b>

## Psychology

### Degree Type

Minor

## Psychology

Item #	Title	Credits
PSYC 1332	General Psychology	3.0

## Psychology Electives

Choose any **five** courses:

Choose 5 additional psychology courses, of which at least three courses must be upper-division (3000/4000 level)

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**Total Credits**

**18**

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## Psychology/Applied Sports and Performance Psychology

### Degree Type

Bachelor of Arts & Master of Arts

The B.A./M.A. in Applied Sports and Performance Psychology offers undergraduate students the opportunity to earn both their undergraduate and graduate degrees within 5 years, giving the graduate the knowledge and skills to have a successful career in sport and performance psychology.

- Psychology majors must maintain a cumulative GPA of at least 2.00 in psychology classes.
- A student must earn a grade of "C" or better in Psychology 3433, 3434 and 3338 before taking any other course for which these are prerequisites.
- Graduating seniors who are seeking a major in psychology will complete the department's evaluation instruments.

## BA Core Required Courses

Item #	Title	Credits
PSYC 1332	General Psychology	3.0
PSYC 3433	Foundations of Statistical Analysis	4.0
PSYC 3338	Experimental Psychology	3.0
PSYC 3138	Experimental Psychology Laboratory	1.0

## BA Laboratory Courses

Choose **two** from the following:

Item #	Title	Credits
PSYC 4434	Experimental Social Psychology	4.0
PSYC 4435	Cognitive Psychology	4.0
PSYC 4436	Perception	4.0
PSYC 4438	Biopsychology	4.0
PSYC 4439	Special Topics in Applied Psychology	4.0

## BA Psychology Electives

Choose three from the following:

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
PSYC 2332	Child Psychology	3.0
PSYC 3337	Abnormal Psychology	3.0
PSYC 3339	Human Growth and Development	3.0
PSYC 3345	Sport Psychology	3.0
PSYC 3351	Industrial/Organizational Psychology	3.0
PSYC 4337	Counseling and Psychotherapy	3.0
PSYC 4342	Psychology of the Adolescent	3.0
PSYC 4393	Special Topics in Psychology	3.0

## BA Capstone

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
PSYC 4345	Applications and Careers in the Psychological Sciences	3.0
PSYC 4391	Internship in Psychology	3.0

## MA Core Required Courses

Complete all of the following courses.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
PSYC 5310	Designing Mental Skills Training	3.0
PSYC 5345	Applied Sport and Performance Psychology	3.0
PSYC 5355	Professional Ethics and Standards	3.0
PSYC 5333	Counseling and Psychotherapy	3.0
PSYC 5315	Group Performance Interventions Training	3.0
PSYC 6345	Research and Program Evaluation in Sport and Performance Psychology	3.0
PSYC 6330	Diversity and Cultural Considerations in Helping Relationships	3.0
PSYC 6355	Practicum in Applied Sport and Performance Psychology	3.0
PSYC 6399	Capstone	3.0



## MA Secondary Core Electives

Complete 9hrs from the following courses.

Item #	Title	Credits
PSYC 5337	Abnormal Psychology	3.0
PSYC 5339	Human Growth and Development	3.0
PSYC 5341	Theories of Personality	3.0
PSYC 6333	Industrial Organizational Psychology	3.0
PSYC 5352	Health Psychology	3.0
PSYC 6320	Sociocultural Perspectives on Sport	3.0
PSYC 6342	Psychology of the Adolescent	3.0
PSYC 6392	Directed Reading/Independent Study in Psychology	3.0
MBA 6322	Organizational Behavior	3.0
MSDS 5311	Introduction to Analytics	3.0
MBA 6325	Ethical and Moral Business Management	3.0
EDUC 5315	Instructional Leadership	3.0
EDUC 5352	Leadership for Curriculum Planning and Development	3.0
	PSYC 6193/6293/6393/6493 - Special Topics in Psychology	1-4

***Certain additional courses are required for the CMPC certification if an equivalent course was NOT already completed at the undergraduate level. Please check with the MAASP program director for equivalent courses that may satisfy the certification need.***

**These courses include, but are not limited to:**

Item #	Title	Credits
PSYC 5337	Abnormal Psychology	3.0
	PSYC 5339 or PSYC 5341	3
PSYC 6320	Sociocultural Perspectives on Sport	3.0
	<b>Total Credits</b>	<b>70</b>

## Public Administration

### Degree Type

Minor

*Political Science Prerequisites (6hrs): Not included in minor.*

Item #	Title	Credits
POSC 2331	American Federal Government	3.0
POSC 2332	Texas State and Local Government	3.0

## Required Courses

Item #	Title	Credits
POSC 3371	Introduction to Public Administration	3.0

## Elective Courses

Choose **five** of the following:

Item #	Title	Credits
POSC 3318	Administrative Law	3.0
POSC 3353	The Presidency and the Executive Branch	3.0
POSC 3354	Emergency Management	3.0
POSC 3357	Public Policy Analysis	3.0
POSC 3372	Public Personnel Administration	3.0
POSC 3373	Public Administration Ethics	3.0
POSC 3374	Public Organizations: Theory and Behavior	3.0
POSC 3375	Federalism and Intergovernmental Relations	3.0
POSC 3376	Public Budgeting and Finance	3.0
POSC 4391	Internship in Political Science	3.0
<b>Total Credits</b>		<b>18</b>

## Social Innovation and Human Service

### Degree Type

Bachelor of Applied Arts and Sciences

Note: This degree plan requires completion of the *Associate of Applied Science in Pragmatic Studies* degree (Kolbe School of Innovation and Professional Studies).

## Exceptionality Course Requirement

Complete all of the following courses.

Item #	Title	Credits
EXCP 3310	Emergency Management	3.0
EXCP 3315	Law and Social Work	3.0
EXCP 3320	Lead Nonprofit & Social Venture	3.0
EXCP 3325	Social Communication	3.0
EXCP 3330	Introduction to Social Entrepreneurship	3.0
EXCP 3335	Humanitarian Issues	3.0
EXCP 3336	Intro to Social Statistics	3.0
EXCP 4305	Urban Planning & Development	3.0
EXCP 4310	Documentary Film Making	3.0
EXCP 4315	Nonviolent Movements	3.0
EXCP 4320	Financial Plan for Nonprofits	3.0
EXCP 4325	Public Health	3.0

## Minor Requirement Option

Complete 18hrs from an approved minor degree plan. For minors that are only 15hrs, an approved 3hr elective can be used to complete the 18hr requirement.

**Total Credits**

**54**

## Social Media Marketing

### Degree Type

Undergraduate Certificate

The Certificate in Social Media Marketing requires the completion of a set of 6 courses offered within the General Business Program of the Kolbe School for Innovation and Professional Studies.

This certificate coursework introduces students to the processes necessary to run a social media marketing campaign. In this certification course, students will learn how to understand the components of a social media marketing campaign, the types of applications and types of content used for social media marketing, and how to audit and plan social media marketing campaigns.

It also provides the student with practical experience and the certifications necessary to function as a social media specialist within an organization. The general business courses further provide successful certificate graduates with the general understanding of business concepts needed for success.

In addition to the University of St. Thomas Certificate in Social Media Marketing, the certificate course provides students with 18 credit hours in general business. These courses can be used towards the completion of an associate in applied science in general business. Credits can be transferred to a four-year program if desired.

## Social Media Courses

Complete all of the following courses.

Item #	Title	Credits
GENB 2361	Social Media Marketing	3.0
GENB 2362	Social Media Marketing Practicum	3.0
GENB 2363	Advertising and Promotion	3.0

## General Business Courses

Complete all of the following courses.

Item #	Title	Credits
GENB 2343	Principles of Marketing	3.0
GENB 2347	Principles of Management	3.0
GENB 1320	Business Communication	3.0
<b>Total Credits</b>		<b>18</b>

## Social Studies: EC 4-8

### Degree Type

Bachelor of Arts

*Note: Preparation for student teaching requires 50 hours of school-based field experiences, 10 hours of church/community service, and 20 hours of professional development. Please see the [School of Education and Human Services Undergraduate Teacher Education](#) page for more information about teacher education requirements.*

## Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.

### History

Item #	Title	Credits
HIST 1335	World Community I	3.0
HIST 1336	World Community II	3.0
HIST 2333	United States to 1877	3.0
HIST 2334	United States since 1877	3.0
HIST 3336	Texas History	3.0

### History

Choose 5 additional 3000/4000 level courses in history.

### Political Science

Item #	Title	Credits
POSC 2331	American Federal Government	3.0
POSC 2332	Texas State and Local Government	3.0

### Geography

Item #	Title	Credits
GEOG 2332	World Regional Geography	3.0

## Professional Development

Must be completed at UST.

Item #	Title	Credits
EDUC 3100	Field Experience Seminar I	1.0
EDUC 3101	Field Experience Seminar II	1.0
EDUC 3102	Field Experience Seminar III	1.0
EDUC 3304	Introduction to Curriculum and Instruction	3.0
EDUC 3313	Digital Instructional Strategies	3.0
EDUC 3339	Multicultural Populations	3.0
EDUC 4338	Classroom Management	3.0
EDUC 4370	Student Teaching, Secondary	3.0
EDUC 4371	Student Teaching, Secondary	3.0

## Multidisciplinary Studies

Item #	Title	Credits
MS 4338	Adolescent Learning	3.0

## Reading

Item #	Title	Credits
RDGED 3303	Content Area Reading	3.0

## English as a Second Language

Item #	Title	Credits
BIE_DL 4330	Foundations and Methods of Second Language Acquisition	3.0

## Special Education

Item #	Title	Credits
SPED 4320	Exceptionality in Today's Schools	3.0
<b>Total Credits</b>		<b>72</b>

## Social Studies: EC 7-12

### Degree Type

Bachelor of Arts

*Note: Preparation for student teaching requires 50 hours of school-based field experiences, 10 hours of church/community service, and 20 hours of professional development. Please see the [School of Education and Human Services Undergraduate Teacher Education](#) page for more information about teacher education requirements.*

## Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.

### History

Item #	Title	Credits
HIST 1335	World Community I	3.0
HIST 1336	World Community II	3.0
HIST 2333	United States to 1877	3.0
HIST 2334	United States since 1877	3.0
HIST 3336	Texas History	3.0

### History

Choose 3 additional 3000/4000 level courses in history.

### Political Science

Item #	Title	Credits
POSC 2331	American Federal Government	3.0
POSC 2332	Texas State and Local Government	3.0

### Geography

Item #	Title	Credits
GEOG 2332	World Regional Geography	3.0

### Economics

Item #	Title	Credits
ECON 1331	Principles of Macroeconomics	3.0
ECON 1332	Principles of Microeconomics	3.0

## Professional Development

Must be completed at UST.

Item #	Title	Credits
EDUC 3100	Field Experience Seminar I	1.0
EDUC 3101	Field Experience Seminar II	1.0
EDUC 3102	Field Experience Seminar III	1.0
EDUC 3304	Introduction to Curriculum and Instruction	3.0
EDUC 3313	Digital Instructional Strategies	3.0
EDUC 3339	Multicultural Populations	3.0
EDUC 4338	Classroom Management	3.0
EDUC 4370	Student Teaching, Secondary	3.0
EDUC 4371	Student Teaching, Secondary	3.0

## Multidisciplinary Studies

Item #	Title	Credits
MS 4338	Adolescent Learning	3.0

## Reading

Item #	Title	Credits
RDGED 3303	Content Area Reading	3.0

## English as a Second Language

Item #	Title	Credits
BIE_DL 4330	Foundations and Methods of Second Language Acquisition	3.0

## Special Education

Item #	Title	Credits
SPED 4320	Exceptionality in Today's Schools	3.0
<b>Total Credits</b>		<b>72</b>

## Spanish

### Degree Type

Minor

## Spanish Course Requirement

Complete 15hrs of SPAN courses, of which at least 9hrs (3 courses) must be upper-division (3000/4000-level).

<b>Total Credits</b>	<b>15</b>
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## Spanish

### Degree Type

Bachelor of Arts

The Spanish major consists of a minimum of 30 credit hours of Spanish courses at the 3000–4000 levels, either on campus or in study abroad as approved by the program chair. No course grade lower than “C” counts toward a major. The achievement of majors is assessed by requiring each major to prepare an exit portfolio of work undertaken in 3000 and 4000–level classes. It must be submitted in the last semester of course work. In this last semester, graduating majors are also required to make oral presentations in Spanish before the MACL faculty and interested students at the Research Symposium.

**Placement Test:** Prior to registration, a placement test is required for all students who have previous Spanish coursework or whose first language is Spanish. The placement test may eliminate the need to take the pre-requisite courses indicated below.

**Pre-Requisites:** The following classes must be completed before beginning a Spanish major, unless testing indicates placement beyond these pre-requisite courses.

- SPAN 1331 – Elementary Spanish I
- SPAN 1332 – Elementary Spanish II
- SPAN 2331 – Intermediate Spanish I
- SPAN 2332 – Intermediate Spanish II Major Requi

## Spanish Required Courses

Item #	Title	Credits
	SPAN 3335 or SPAN 3336 or SPAN 3350	3
SPAN 3337	Advanced Composition	3.0
SPAN 4331	Survey of Spanish-American Literature	3.0
SPAN 4333	Survey of Spanish Literature I	3.0
SPAN 4371	Spanish Culture	3.0
SPAN 4372	Hispanic American Culture	3.0

## Spanish Electives

Choose **four** of the following:

Item #	Title	Credits
SPAN 3331	International Business I	3.0
SPAN 3340	Translation I	3.0
SPAN 3341	Medical Professions I	3.0
SPAN 3343	Print Media	3.0
SPAN 3361	Modern Hispanic Literature	3.0
SPAN 3363	Masterworks of Mexican Literature	3.0
SPAN 4336	Hispanic Women	3.0
SPAN 4338	Origins and Evolution of the Spanish Language	3.0
SPAN 4339	Creative Writing	3.0
SPAN 4363	Hispanic Cinema	3.0
SPAN 4391	Internship in Spanish	3.0
SPAN 4392	Directed Reading/Independent Study in Spanish	3.0
SPAN 4393	Special Topics in Spanish	3.0

## Additional Recommendations:

Supporting studies in social sciences, art, history and linguistics, as well as other languages and literatures, are recommended for students majoring in Spanish.



## Spanish: EC-12

### Degree Type

Bachelor of Arts

*Note: Preparation for student teaching requires 50 hours of school-based field experiences, 10 hours of church/community service, and 20 hours of professional development. Please see the [School of Education and Human Services Undergraduate Teacher Education](#) page for more information about teacher education requirements.*

## Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.

## Spanish Sequences

Complete one of the following sequences:

### Sequence 1

Complete all of the courses below in addition to five additional SPAN 3000-4000 level courses.

Item #	Title	Credits
SPAN 2331	Intermediate Spanish I	3.0
SPAN 2332	Intermediate Spanish II	3.0
SPAN 3335	Advanced Oral Communication	3.0
SPAN 3336	Advanced Oral Communication	3.0
SPAN 3337	Advanced Composition	3.0
SPAN 4371	Spanish Culture	3.0

## Sequence 2

Complete all of the courses below in addition to seven additional SPAN 3000-4000 level courses.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SPAN 2334	Intermediate Spanish II for the Heritage Speakers	3.0
SPAN 2334	Intermediate Spanish II for the Heritage Speakers	3.0
SPAN 3337	Advanced Composition	3.0
SPAN 4371	Spanish Culture	3.0

## Professional Development

Must be completed at UST.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
EDUC 3100	Field Experience Seminar I	1.0
EDUC 3101	Field Experience Seminar II	1.0
EDUC 3102	Field Experience Seminar III	1.0
EDUC 3304	Introduction to Curriculum and Instruction	3.0
EDUC 3313	Digital Instructional Strategies	3.0
EDUC 3339	Multicultural Populations	3.0
EDUC 4338	Classroom Management	3.0
EDUC 4370	Student Teaching, Secondary	3.0
EDUC 4371	Student Teaching, Secondary	3.0

## Multidisciplinary Studies

Complete the following course.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
MS 4338	Adolescent Learning	3.0

## Reading

Complete the following course.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
RDGED 3303	Content Area Reading	3.0

## English as a Second Language

Complete the following course.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
BIE_DL 4330	Foundations and Methods of Second Language Acquisition	3.0

## Special Education

Complete the following course.

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SPED 4320	Exceptionality in Today's Schools	3.0
<b>Total Credits</b>		<b>66</b>

## Studio Arts

### Degree Type

Minor

## Studio Arts

Item #	Title	Credits
ARTS 1301	Drawing Fundamentals I	3.0
ARTS 1302	Drawing Fundamentals II	3.0

## Design

Choose **one** from the following:

Item #	Title	Credits
ARTS 1303	2-D Design	3.0
ARTS 1304	3-D Design	3.0

## Lower-Division Studio Arts

Choose one concentration.

### Ceramics Concentration

Item #	Title	Credits
ARTS 2340	Beginning Ceramics I	3.0
ARTS 2341	Beginning Ceramics II	3.0

### Jewelry Concentration

Item #	Title	Credits
ARTS 2360	Beginning Jewelry I	3.0
ARTS 2361	Beginning Jewelry II	3.0

### Printmaking Concentration

Item #	Title	Credits
ARTS 2303	Beginning Printmaking I	3.0
ARTS 2304	Beginning Printmaking II	3.0

### Film Photography Concentration

Item #	Title	Credits
ARTS 1305	Basic Photography	3.0
ARTS 2305	Beginning Photography I	3.0
ARTS 2308	Beginning Photography II	3.0

### Life Drawing Concentration

Item #	Title	Credits
ARTS 2310	Life Drawing I	3.0
ARTS 2311	Life Drawing II	3.0

## Painting Concentration

Item #	Title	Credits
ARTS 2320	Beginning Painting I	3.0
ARTS 2321	Beginning Painting II	3.0

## Sculpture Concentration

Item #	Title	Credits
ARTS 2330	Beginning Sculpture I	3.0
ARTS 2331	Beginning Sculpture II	3.0

## Digital Photography Concentration

Item #	Title	Credits
ARTS 2316	Beginning Digital Photography I	3.0
ARTS 2317	Beginning Digital Photography II	3.0

## Upper-Division Studio Arts

Choose three upper-division (3000/4000 level) Studio Arts courses in the chosen concentration.

<b>Total Credits</b>	<b>24</b>
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## Studio Arts

### Degree Type

Bachelor of Arts

## Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.

## Studio Arts

Item #	Title	Credits
ARTS 1301	Drawing Fundamentals I	3.0
ARTS 1302	Drawing Fundamentals II	3.0
ARTS 1303	2-D Design	3.0
ARTS 1304	3-D Design	3.0
ARTS 2306	Color I	3.0

## Studio Arts

Choose one of the following:

\*(pre-req: advanced-level coursework)

Item #	Title	Credits
ARTS 4394	Advanced 2-D Critique	3.0
ARTS 4398	Professional Practices, Preparing to Exhibit Seminar	3.0

## Art History

Choose any two 3000/4000 level Art History courses.

## Studio Arts Concentration

Choose one concentration.

After completing ARTS 1301 and ARTS 1302 you will have completed a Drawing Concentration.

## Ceramics Concentration

Item #	Title	Credits
ARTS 2340	Beginning Ceramics I	3.0
ARTS 2341	Beginning Ceramics II	3.0

## Jewelry Concentration

Item #	Title	Credits
ARTS 2360	Beginning Jewelry I	3.0
ARTS 2361	Beginning Jewelry II	3.0

## Printmaking Concentration

Item #	Title	Credits
ARTS 2303	Beginning Printmaking I	3.0
ARTS 2304	Beginning Printmaking II	3.0

## Film Photography Concentration

Item #	Title	Credits
ARTS 1305	Basic Photography	3.0
ARTS 2305	Beginning Photography I	3.0
ARTS 2308	Beginning Photography II	3.0

## Life Drawing Concentration

Item #	Title	Credits
ARTS 2310	Life Drawing I	3.0
ARTS 2311	Life Drawing II	3.0

## Painting Concentration

Item #	Title	Credits
ARTS 2320	Beginning Painting I	3.0
ARTS 2321	Beginning Painting II	3.0

## Sculpture Concentration

Item #	Title	Credits
ARTS 2330	Beginning Sculpture I	3.0
ARTS 2331	Beginning Sculpture II	3.0

## Digital Photography Concentration

Item #	Title	Credits
ARTS 2316	Beginning Digital Photography I	3.0
ARTS 2317	Beginning Digital Photography II	3.0

## Studio Arts Concentration

Twelve credit hours of upper-division (3000/4000) level credit in the chosen concentration.

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**Total Credits**

**39-45**

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## Theatre Arts: EC-12

### Degree Type

Bachelor of Arts

*Note: Preparation for student teaching requires 50 hours of school-based field experiences, 10 hours of church/community service, and 20 hours of professional development. Please see the [School of Education and Human Services Undergraduate Teacher Education](#) page for more information about teacher education requirements.*

## Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.

### Theatre Arts

Item #	Title	Credits
DRAM 1331	Acting I	3.0
DRAM 1336	Stagecraft	3.0
DRAM 2335	Theatre Speech	3.0
DRAM 3331	Playwriting	3.0
DRAM 3333	Scene Design	3.0
DRAM 3337	Children's Theatre	3.0
DRAM 3137	Children's Theatre Laboratory	1.0
DRAM 3338	Creative Drama	3.0
DRAM 3340	Theatre History I	3.0
DRAM 3341	Theatre History II	3.0
DRAM 4331	Directing	3.0

### Professional Development

Must be completed at UST.

Item #	Title	Credits
	Professional Development	21

### Multidisciplinary Studies

Item #	Title	Credits
MS 4338	Adolescent Learning	3.0

### Reading

Item #	Title	Credits
RDGED 3303	Content Area Reading	3.0

## English as a Second Language

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
BIE_DL 4330	Foundations and Methods of Second Language Acquisition	3.0

## Special Education

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
SPED 4320	Exceptionality in Today's Schools	3.0

## Electives

Electives to reach the 120 hour minimum to graduate (0-2 credit hours)

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<b>Total Credits</b>	<b>64-66</b>
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## Theology

### Degree Type

Minor

## Theology

Must take in order:

<b>Item #</b>	<b>Title</b>	<b>Credits</b>
THEOC 1301	Faith, Reason, and Revelation	3.0
THEOC 2301	Scripture and Salvation History	3.0
THEOC 3301	The Return to God	3.0

## Theology Electives

Six additional credit hours of upper-division (3000/4000-level) Theology courses.

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<b>Total Credits</b>	<b>15</b>
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## Theology

### Degree Type

Bachelor of Arts



## Bachelor's Degree Requirements

The following overall requirements are needed in order to earn a bachelor's degree. For a full explanation of the requirements, please see policy [A.04.01](#).

- Completion of the [core curriculum](#). Specific core plan is dependent upon accepted transfer credit, major, and Honor's Program participation.
- Successful completion of *at least* 120 credit hours, with the final 36 hours taken in Residence at UST. Total credits listed on the page only reflect the major.
- Completion of a major.
- Completion of 36 upper-division credit hours.
- A cumulative grade point average (GPA) above 2.0
- A cumulative GPA above 2.0 in your major
- [Freshman Symposium](#) is a one-credit hour, mandatory course exclusively for first-year students at the University of St. Thomas, introducing them to the UST mission and the Basilian Fathers' core values of goodness, discipline, and knowledge. Freshmen register for it during the Freshmen Registration/Orientation events and can choose a class that aligns with their interests, with course descriptions provided in advance.

### Theology

Item #	Title	Credits
THEOC 1301	Faith, Reason, and Revelation	3.0
THEOC 2301	Scripture and Salvation History	3.0
THEO 2314	Theological Methods	3.0
THEOC 3301	The Return to God	3.0
THEO 3339	Christ the Savior	3.0
THEO 3349	Christ and the Moral Life	3.0
THEO 4390	Triune God	3.0

### Sacred Scripture: Old and New Testament

Choose one from the following:

Item #	Title	Credits
THEO 3351	Prophets of Ancient Israel	3.0
THEO 3353	Pentateuch	3.0
THEO 3355	Book of Psalms	3.0
THEO 4351	Wisdom in Israel	3.0
THEO 3352	Paul: His Letters and Theology	3.0
THEO 3354	Synoptic Gospels	3.0
THEO 3365	Gospel and Letters of John	3.0
THEO 4321	Catholic Epistles	3.0
THEO 4368	Book of Revelation	3.0

### Additional Theology Electives

Choose any two THEO 3000/4000 level courses

## Foreign Language

Choose one sequence of Greek, Latin, or Hebrew. The required reading knowledge of Latin, biblical Greek or biblical Hebrew may also be met by a departmental examination.

Item #	Title	Credits
CLASS 1331	Introduction to Latin I	3.0
CLASS 1332	Introduction to Latin II	3.0
CLASS 1341	Introduction to Classical Greek I	3.0
CLASS 1342	Introduction to Classical Greek II	3.0
HEBR 2331	Elementary Biblical Hebrew I	3.0
HEBR 2332	Elementary Biblical Hebrew II	3.0
<b>Total Credits</b>		<b>36</b>

## Theology

### Degree Type

Bachelor of Arts & Master of Arts

The school also offers a five-year [BA/MA Combined degree in Theology](#) which enables high-achieving undergraduate students to earn both the bachelor's and master's degrees in a streamlined program combining undergraduate and graduate studies. The BA/MA requires 120 undergraduate credit hours and 30 graduate credit hours of study and allows students to take undergraduate and graduate courses concurrently during the senior year. The BA and MA degrees will be conferred only after the BA/MA student completes the 120 undergraduate credit hours and 30 graduate credit hours of study successfully. The undergraduate hours for the Theology coursework are reduced to 36 hours from 42 hours. The chair of the Theology major will advise the student on which courses to take

## Theology

Item #	Title	Credits
THEO 1301	Intro to the Sacred Scriptures	3.0
THEO 2301	Teachings of the Catholic Church	3.0
THEO 3331	Catholic Church: Origin, Structure, and Mission	3.0
THEO 3332	Theology of the Sacraments	3.0
THEO 3339	Christ the Savior	3.0
THEO 3349	Christ and the Moral Life	3.0

## Sacred Scripture: Old and New Testament

Choose one from the following:

Item #	Title	Credits
THEO 3351	Prophets of Ancient Israel	3.0
THEO 3353	Pentateuch	3.0
THEO 3355	Book of Psalms	3.0
THEO 4351	Wisdom in Israel	3.0
THEO 3352	Paul: His Letters and Theology	3.0
THEO 3354	Synoptic Gospels	3.0
THEO 3365	Gospel and Letters of John	3.0
THEO 4321	Catholic Epistles	3.0
THEO 4368	Book of Revelation	3.0

## Additional Theology Electives

Choose any two THEO 3000/4000 level courses

## Foreign Language

Choose one sequence: The required reading knowledge of Latin, biblical Greek or biblical Hebrew may also be met by a departmental examination.

Item #	Title	Credits
CLASS 1331	Introduction to Latin I	3.0
CLASS 1332	Introduction to Latin II	3.0
CLASS 1341	Introduction to Classical Greek I	3.0
CLASS 1342	Introduction to Classical Greek II	3.0
HEBR 2331	Elementary Biblical Hebrew I	3.0
HEBR 2332	Elementary Biblical Hebrew II	3.0

## Electives

Electives to reach the 120 hour minimum to graduate (40 credit hours)

## Overview MA Courses

Item #	Title	Credits
THEO 5360	Vatican II	3.0
THEO 5361	Biblical Exegesis	3.0
THEO 5362	Classic Readings from the Patristic Era	3.0
THEO 5363	Classic Readings from the Medieval Era	3.0

## Elective MA Courses

Any four 5000/6000 level Theology courses with approval from the director

## MA Capstone

Choose 1 track in consultation with the director

Item #	Title	Credits
THEO 5367	MA Thesis Direction	3.0
THEO 5368	MA Thesis Direction II	3.0
THEO 5369	MA Comprehensive Exam Preparation	3.0
THEO 5370	MA Comprehensive Exam Preparation II	3.0
	<b>Total Credits</b>	<b>63</b>

# Courses

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## Bachelor in Intl' Business

### **BIB 3334 : International Financial Management**

A study of the financial management of the multinational corporation. Topics include exchange rate forecasts and uncertainty, hedging against foreign exchange risk, cash flow management in multiple currencies, borrowing in foreign currencies, investing in foreign countries and real assets.

**Credits** 3

**Course ID**

007905

**Grading Basis**

Graded

**Course Component**

Lecture

### **BIB 3343 : Principles of Marketing**

The course analyzes marketing strategy and product decisions, pricing policy, sales promotion and distribution in the business environment.

**Credits** 3

**Course ID**

007903

**Grading Basis**

Graded

**Course Component**

Lecture

### **BIB 3363 : Regional Study of North Africa and the Middle East**

An interdisciplinary survey of the Middle East, focusing on the geographic, historical, cultural, economic and political factors most affecting the role of this region in the international community today.

**Credits** 3

**Course ID**

007907

**Grading Basis**

Graded

**Course Component**

Lecture

### **BIB 4364 : International Law**

Beginning with the customs and sources of international jurisprudence, this course introduces essential legal terminology and distinctions focusing on the lawful exercise of power of nations. Relevant topics include international organizations and methods of dispute resolution, especially armed conflict, human rights, global environmental law, and the law of the sea, air and space.

**Credits** 3

**Course ID**

007906

**Grading Basis**

Graded

**Course Component**

Lecture

**BIB 4377 : Business - Government Relation**

The course explores the country risks businesses and non-profits face in the developing world, including government instability, the lack of government capacity, insecurity, dysfunctional legal systems, corruption, human rights violations, poverty, poor infrastructure, and a low level of social service, including poor education and health care. We will look at how entities evaluate these risks before entering a country and how they manage these risks once on the ground. We will also discuss the ethical issues encountered in doing business in developing countries. The course will provide a foundation for anyone interested in doing business or otherwise working in developing countries. While the course is organized around specific risks, it will also review the broader issues common to developing countries.

**Credits** 3

**Course ID**

007904

**Grading Basis**

Graded

**Course Component**

Lecture

**BIB 4399 : International Business Perspectives and Strategic Choices**

The seminar course is the capstone course for the international business program. The seminar is designed to integrate prior coursework in the program and will help students to synthesize, apply, and demonstrate skill and knowledge sets intended to increase their competitiveness for employment and/or graduate studies. The course will train students in the use of a variety of strategic management models and country risk tools that will enable students to develop effective strategies for businesses in regional, foreign, and global markets. Sr-level standing required. Prerequisites: [MGMT 2347](#), [MGMT 2357](#), [FINA 3334](#), [FINA 3339](#), [MKTG 3343](#), [DEIS 4333](#), [INST 3351](#), [INST 3355](#), INST (3357, 3359, 3360 or 3363) and [INST 4377](#).

**Credits** 3

**Course ID**

008127

**Grading Basis**

Graded

**Course Component**

Seminar

**Requisites**

[BIB 4399](#) Capstone

## Decision Information Science

**DEIS 3371 : Introduction to Data Analytics**

Data analytics is a process that turns data into usable information for answering questions. This course will introduce the process of acquiring, managing and analyzing data. Readily available real-world data sets will be analyzed using supervised and unsupervised learning methods.

**Credits** 3

**Course ID**

008336

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[COMSC 3372](#) Prerequisite [MATH 2435](#), or [MATH 3332](#), or [MATH 3450](#), or [PSYC 3433](#)

**DEIS 4193 : Special Topics in Decision Information Science**

A course dealing with current topics in management information systems. Course content varies according to interest of students and faculty members. Permission of faculty member required. Course may be repeated for additional credit hours for different topics. Prerequisites: 50+ credit hours; appropriate business coursework (to be determined in consultation with department chair or faculty supervisor); prior written approval of chair and instructor; minimum GPA of 3.0. Course will be offered on a Pass/Fail basis.

**Credits** 1

**Course ID**

001908

**Grading Basis**

Pass/Fail Option

**Course Component**

Special Topics

**DEIS 4333 : Principles of Operations Management**

This course introduces students to the use of quantitative business decision tools. Topics covered include decision theory, forecasting, linear programming, quality control, quality management, and project management. Students learn to model business problems mathematically, identify optimal strategies, and determine optimal solutions to these problems. Prerequisites: [MATH 1353](#), [MATH 3332](#) or equivalent courses.

**Credits** 3

**Course ID**

007024

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[DEIS 4333](#) Prerequisite: [MATH 1353](#) OR 3332, and 50+ credit hours.

**DEIS 4392 : Directed Reading/Independent Study in Decision Information Science**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Prerequisites: 50+ credit hours; appropriate business coursework (to be determined in consultation with department chair or faculty supervisor); prior written approval of chair and instructor; minimum GPA of 3.0. Course will be offered on a Pass/Fail basis.

**Credits** 3

**Course ID**

001906

**Grading Basis**

Pass/Fail Option

**Course Component**

Independent Study

**DEIS 4491 : Internship in Decision Information Science**

Positions with participating companies provide students with experience in the computer field under the supervision of the companies and faculty. To be supervised individually by a faculty member with the approval of the chair. Requirements include completion of progress reports, on-site evaluations and program documentation. Prerequisite: Instructor Consent.

**Credits** 4

**Course ID**

001901

**Grading Basis**

Pass/Fail Option

**Course Component**

Internship

**DEIS 4493 : Special Topics in Decision Information Science**

A course dealing with current topics in management information systems. Course content varies according to interest of students and professors. Course may be repeated for additional credits for different topics.

Prerequisite: Instructor Consent.

**Credits** 4

**Course ID**

001911

**Grading Basis**

Pass/Fail Option

**Course Component**

Special Topics

**DEIS 4591 : Internship in Decision Information Science**

Positions with participating companies provide students with experience in the computer field under the supervision of the companies and faculty. To be supervised individually by a faculty member with the approval of the chair. Requirements include completion of progress reports, on-site evaluations and program documentation. Prerequisite: Instructor Consent.

**Credits** 5

**Course ID**

001902

**Grading Basis**

Pass/Fail Option

**Course Component**

Internship

**DEIS 4691 : Internship in Decision Information Science**

Positions with participating companies provide students with experience in the computer field under the supervision of the companies and faculty. To be supervised individually by a faculty member with the approval of the chair. Requirements include completion of progress reports, on-site evaluations and program documentation. Prerequisite: Instructor Consent.

**Credits** 6

**Course ID**

001903

**Grading Basis**

Pass/Fail Option

**Course Component**

Internship

# Management Info Systems

## **MISY 3351 : Fortran I**

(MATH 3351) An introduction to computer programming using the Fortran 90 computer language and a modern PC workstation. Data types and control structures common to all compiled languages are used in conjunction with intrinsic Fortran functions and user-defined subroutines and subprograms to create structured, top-down programs suitable for either the PC or mainframe environment.

**Credits** 3

### **Course ID**

001894

### **Grading Basis**

Graded

### **Course Component**

Lecture

## **MISY 3352 : Fortran II**

(MATH 3352) A continuation of MATH 3351.

**Credits** 3

### **Course ID**

001895

### **Grading Basis**

Graded

### **Course Component**

Lecture

## **MISY 4330 : Information Systems Infrastructure Architecture**

This course deals with developing and managing the computing and networking architecture for a modern business information technology infrastructure. Topics covered include distributed applications, client/server computing, the role of the Internet in business applications, network management, network security, and networking standards-setting processes and procedures. Prerequisite: MISY 4320.

**Credits** 3

### **Course ID**

006531

### **Grading Basis**

Graded

### **Course Component**

Lecture

### **Requisites**

[MISY 4330](#) Prerequisite: MISY 4320

# Accounting

Department Chair: John Leavins, [leavinj@sttom.edu](mailto:leavinj@sttom.edu)

The accounting degree programs offer a broad-based education and promising employment prospects for future business leaders by equipping students with the business and accounting knowledge necessary to obtain professional positions after graduation, providing a sound knowledge base for continuing progress in the accounting profession, and creating an environment within which students and faculty exchange ideas and critically evaluate the profession and its role in society.



The undergraduate accounting curriculum is designed to provide learning and decision-making skills that will be invaluable throughout the graduate's career. Accordingly, the curriculum incorporates both accounting theory and practice. The BBA prepares students to sit for the CPA exam under the current regulations. Students who do not wish to sit for the CPA exam can use the degree in the following careers:

- Corporate
- Nonprofit
- Government accounting

Students interested in public accounting and planning to be certified as a CPA must successfully complete 150 hours of college credit. Our BBA/MBA degree is designed to help students to sit for the exam. The Texas State Board of Accountancy makes the final determination regarding a CPA candidate's courses and other qualifications to sit for the CPA exam. The requirements are listed on their website at [www.tsbpa.texas.gov](http://www.tsbpa.texas.gov).

### **ACCT 1301 : Intro to Financial and Managerial Accounting**

This course provides an introduction to basic accounting for non-accountants. The course will help students to gain familiarity with accounting terminology and principles. The financial accounting section of the course introduces accounting for the external reporting, and the managerial accounting section covers internal decision making. Students will gain a working knowledge of basic financial management tools including cost analysis and behavior, financial ratios, and benchmarking tools.

**Credits** 3

**Course ID**

008162

**Grading Basis**

Graded

**Course Component**

Lecture

### **ACCT 1341 : Principles of Accounting I**

An introduction to financial accounting with emphasis on basic concepts and principles. Several important concepts will be studied in detail, including: revenue recognition, inventory, long-lived assets, present value, and long term liabilities. The course emphasizes the construction of the basic financial accounting statements--the income statement, balance sheet, and cash flow statement.

**Credits** 3

**Course ID**

001807

**Grading Basis**

Graded

**Course Component**

Lecture

**ACCT 1342 : Principles of Accounting II**

A continuation of the study of financial accounting as it applies to partnerships and corporations. Topics covered include long-term debt, stockholders' equity accounting, financial statement analysis, and the statement of cash flows. Managerial accounting is introduced, with coverage of cost accounting, budgeting, cost-volume-profit analysis, and special management decisions. Prerequisite: [ACCT 1341](#).

**Credits** 3

**Course ID**

001808

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ACCT 1342](#) Prerequisite: [ACCT 1341](#)

**ACCT 3332 : Managerial Accounting**

An examination of cost accounting principles and practices such as job order costs, process costs and standard cost controls as well as specific managerial problem areas such as budgeting, pricing policies and inventory control. Prerequisite: [ACCT 1342](#).

**Credits** 3

**Course ID**

001810

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ACCT 3332](#) Prerequisite: [ACCT 1342](#)

**ACCT 3333 : Income Taxation I**

A study of the federal income taxation of individuals. Includes the areas of tax law sources and administration, filing considerations, gross income, deductions and losses, tax credits and property transactions. Prerequisite: [ACCT 1342](#).

**Credits** 3

**Course ID**

001811

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ACCT 3333](#) Prerequisite: [ACCT 1342](#)

**ACCT 3334 : Income Taxation II**

A study of the federal income taxation of corporations, partnerships, trusts and estates. Includes the areas of corporate distributions and accumulations, S corporations and the federal estate and gift tax. Prerequisite: [ACCT 3333](#).

**Credits** 3

**Course ID**

001812

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ACCT 3334](#) Prerequisite: [ACCT 3333](#)

**ACCT 3336 : Financial Statement Analysis**

An in-depth study into the area of financial statement and investment analysis. For accounting and business majors, this course is ideal for the non-accountant business person who encounters financial statements in daily business activities. Prerequisite: [ACCT 1342](#).

**Credits** 3

**Course ID**

001814

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ACCT 3336](#) Prerequisite: [ACCT 1342](#)

**ACCT 3341 : Intermediate Accounting: Assets**

A comprehensive study of accounting principles and theory aimed at a deeper understanding of the meaning and significance of business entity financial statements as they relate to accounting for assets. Prerequisite: [ACCT 1342](#).

**Credits** 3

**Course ID**

001815

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ACCT 3341](#) Prerequisite: [ACCT 1342](#)

**ACCT 3342 : Intermediate Accounting: Equities**

A comprehensive study of accounting principles and theory aimed at a deeper understanding of the meaning and significance of business entity financial statements as they relate to accounting for equities. Prerequisite: [ACCT 3341](#).

**Credits** 3

**Course ID**

001816

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ACCT 3342](#) Prerequisite: [ACCT 3341](#)

**ACCT 4191 : Internship in Accounting**

Practicum or on-the-job experience under the guidance of practicing specialists in the field. To be supervised individually by a department faculty member with the approval of the chair. Permission of the chair or academic advisor/supervisor is required. Number of credit hours earned depends on number of hours spent on the internship site weekly. Internships may be taken only on a pass/fail basis. Maximum credit for all internships: 6 credit hours.

**Credits** 1

**Course ID**

001817

**Grading Basis**

Pass/Fail Option

**Course Component**

Internship

**ACCT 4192 : Independent Study**

Student research on a selected program in the field pursued under the guidance of an assigned faculty member. Prerequisites: 50+ credit hours; appropriate business coursework (to be determined in consultation with department chair or faculty supervisor); prior written approval of chair and instructor; minimum GPA of 3.0.

**Credits** 1

**Course ID**

008200

**Grading Basis**

Graded

**Course Component**

Independent Study

**ACCT 4193 : Special Topics in Accounting**

Systematic analysis and discussion of selected topics of mutual interest to the professor and students. Course may be repeated for additional credits as topics vary.

**Credits** 1

**Course ID**

001820

**Grading Basis**

Graded

**Course Component**

Special Topics

**ACCT 4291 : Internship in Accounting**

Practicum or on-the-job experience under the guidance of practicing specialists in the field. To be supervised individually by a department faculty member with the approval of the chair. Permission of the chair or academic advisor/supervisor is required. Number of credit hours earned depends on number of hours spent on the internship site weekly. Internships may be taken only on a pass/fail basis. Maximum credit for all internships: 6 credit hours

**Credits** 2

**Course ID**

001818

**Grading Basis**

Pass/Fail Option

**Course Component**

Internship

**ACCT 4293 : Special Topics in Accounting**

Systematic analysis and discussion of selected topics of mutual interest to the professor and students. Course may be repeated for additional credits as topics vary.

**Credits** 2

**Course ID**

001821

**Grading Basis**

Graded

**Course Component**

Special Topics

**ACCT 4333 : Auditing**

An introduction to auditing and the public accounting profession. Emphasis on the study of generally accepted auditing standards and the theory of auditing and the methods and procedures used by the independent accountant to obtain the necessary evidence upon which to base an opinion regarding the fairness of presentation of the financial statements. Prerequisite: [ACCT 3342](#)

**Credits** 3

**Course ID**

002481

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ACCT 4333](#) Prerequisite: [ACCT 3342](#)

**ACCT 4335 : Fund Accounting**

A study of the unique accounting principles and practices of governmental and nonprofit institutions. Included in the study are state and local governmental units, public schools, colleges and universities, hospitals, voluntary health and welfare organizations and other nonprofit entities. Prerequisite: [ACCT 1342](#).

**Credits** 3

**Course ID**

001823

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ACCT 4335](#) Prerequisite: [ACCT 1342](#)

**ACCT 4338 : Accounting Information Systems**

A study of accounting information systems for external reporting and management control. Attention is directed toward providing an understanding of the integration of computerization into business accounting systems. Prerequisite: [ACCT 1342](#).

**Credits** 3

**Course ID**

001824

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ACCT 4338](#) Prerequisite: [ACCT 1342](#)

**ACCT 4366 : Comparative Accounting Practices**

The purpose of this course is to review U.S. and international accounting aspects of multinational enterprises. Topics include guidelines for financial and other types of reporting, disclosure requirements, foreign currency translation, financial statement analysis and U.S. taxation issues.

**Credits** 3

**Course ID**

008723

**Grading Basis**

Graded

**Course Component**

Lecture

**ACCT 4391 : Internship in Accounting**

Practicum or on-the-job experience under the guidance of practicing specialists in the field. To be supervised individually by a department faculty member with the approval of the chair. Permission of the chair or academic advisor/supervisor is required. Number of credit hours earned depends on number of hours spent on the internship site weekly. Internships may only be taken on a pass/fail basis. Maximum credit for all internships: 6 credit hours.

**Credits** 3

**Course ID**

001819

**Grading Basis**

Pass/Fail Option

**Course Component**

Internship

**ACCT 4392 : Dir Reading/Independent Study**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Prerequisite: Department Consent.

**Credits** 3

**Course ID**

007313

**Grading Basis**

Graded

**Course Component**

Independent Study

**ACCT 4393 : Special Topics in Accounting**

Systematic analysis and discussion of selected topics of mutual interest to the professor and students. Course may be repeated for additional credits as topics vary.

**Credits** 3

**Course ID**

001822

**Grading Basis**

Graded

**Course Component**

Special Topics

**ACCT 4397 : Fraud Examination**

A study of fraud detection and fraud investigation techniques. Topics covered include the types of fraud schemes that affect business enterprises, the causes of fraud, the forensic accounting legal environment, lost profit analysis, evidence collection, and the fraud examination process.

**Credits** 3

**Course ID**

008603

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ACCT 4397](#) Prerequisites: [ACCT 1342](#)

# Economics

## **ECON 1331 : Principles of Macroeconomics**

This course concentrates on analysis of national income, with special attention to the role of monetary and fiscal policies in stabilizing the price level and fostering high levels of employment and rapid economic growth. Theoretical as well as policy implications of income and price determination models are explored.

**Credits** 3

**Course ID**

001854

**Grading Basis**

Graded

**Course Component**

Lecture

## **ECON 1332 : Principles of Microeconomics**

A study of the functioning of the market system, with emphasis on consumer and business decision-making and the various market structures. The course covers the theoretical underpinnings as well as the policy implications of the market system, resource allocation and income distribution.

**Credits** 3

**Course ID**

001855

**Grading Basis**

Graded

**Course Component**

Lecture

## **ECON 3301 : Intermediate Microeconomic Theory**

A study of markets, prices, resource allocation and economic organization in a modern market economy.

Prerequisites: [ECON 1331](#), 1332. Fall, Spring.

**Credits** 3

**Course ID**

001856

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ECON 3301](#) Prerequisites: [ECON 1331](#), 1332

## **ECON 3302 : Intermediate Macroeconomic Theory**

A critical analysis of the classical and Keynesian theories of income determination, distribution of income and economic growth. Prerequisites: [ECON 1331](#), 1332. Fall, Spring.

**Credits** 3

**Course ID**

001857

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ECON 3302](#) Prerequisite: [ECON 1331](#), 1332



**ECON 3331 : International Economics**

The theory of international trade and finance with emphasis on gains from international trade, determination of the level and composition of trade, barriers to trade, balance of payments and the international monetary system. Prerequisites: [ECON 1331](#), 1332.

**Credits** 3

**Course ID**

001858

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ECON 3331](#) Prerequisites: [ECON 1331](#), 1332

**ECON 3332 : Theory of Economic Development**

The process and problems of economic development in less developed countries, especially the role of international trade in economic development. Prerequisites: [ECON 1331](#), 1332.

**Credits** 3

**Course ID**

001859

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ECON 3332](#) Prerequisites: [ECON 1331](#), 1332

**ECON 3344 : Introduction to Econometrics**

This course provides an introduction to econometric principles and methods. It aims at teaching students how to develop and statistically estimate various economic and financial models for use in policy analysis and forecasting. The course will cover both the classical econometric techniques as well as their more modern time series variants. Prerequisites: Junior standing, [MATH 2435](#), [MATH 3332](#), [ECON 1331](#) and [ECON 1332](#)

**Credits** 3

**Course ID**

008364

**Grading Basis**

Graded

**Course Component**

Lecture

**ECON 3351 : Environment and Natural Resource Economics**

A study of environmental issues from an economic perspective, distinguishing between market and nonmarket forces and their impact on resource utilization and sustainable development. The course focuses on conservation, pollution and resource exhaustion from the perspective of social cost and effective government policy. Prerequisites: [ECON 1332](#).

**Credits** 3

**Course ID**

001864

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ECON 3351](#) Prerequisite: [ECON 1332](#)

**ECON 3354 : International Political Econ**

This course examines the interrelationship between political and economic factors in international relations. Theoretical perspectives on the relationship between international economics and politics, trade policies, trends in integration of political and economic systems, the role of multinational corporations and economic organizations in the modern world. Prerequisites: [INST 3352](#) or permission of professor.

**Credits** 3

**Course ID**

004113

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ECON 3354](#) Prerequisites: [INST 3352](#) or instructor permission

**ECON 3355 : Intercultural issues**

Intercultural issues

**Credits** 3

**Course ID**

009552

**Grading Basis**

Graded

**Course Component**

Lecture

**ECON 3371 : Free Enterprise and Conscious Capitalism**

This course examines the relationship between Free Enterprise and Conscious Capitalism with a focus on entrepreneurial business enterprises that produce positive impacts in society. Students examine the role of organizational leaders in providing opportunities in support of resourceful and sustainable communities. Students consider the relationship between institutional structures and a flourishing social order as a foundation for entrepreneurial success. Students learn to think critically about the system of democratic capitalism, the role of government and dimensions of the free enterprise system. This includes an understanding of the stakeholder model of business, elements of conscious leadership and management of organizations in a way that provides a sense of meaning and purpose. This is the first course in the Free Enterprise and Entrepreneurship minor progression.

**Credits** 3**Course ID**

008187

**Grading Basis**

Graded

**Course Component**

Lecture

**ECON 4191 : Internship in Economics**

Practicum of on-the-job experience under the guidance of a practicing specialist in the field. This course is designed to provide opportunities for students to enhance their practical skills through application of classroom concepts and theories to real-life situations. To be supervised individually by a department faculty member with the approval of the department chair.

**Credits** 1**Course ID**

001866

**Grading Basis**

Pass/Fail Option

**Course Component**

Internship

**Requisites**[ECON 4191](#) Prerequisites: Junior Standing, 6 Hours ECON, 3 Hours ACCT**ECON 4192 : Directed Reading/Independent Study in Economics**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty.

**Credits** 1**Course ID**

001869

**Grading Basis**

Graded

**Course Component**

Independent Study

**ECON 4291 : Internship in Economics**

Practicum of on-the-job experience under the guidance of a practicing specialist in the field. This course is designed to provide opportunities for students to enhance their practical skills through application of classroom concepts and theories to real-life situations. To be supervised individually by a department faculty member with the approval of the department chair. Economics or finance students must have successfully completed three economics courses and have the approval of the chair during the semester prior to registration. Prerequisite: junior standing, 6 credit hours of economics and 3 credit hours of accounting, approval of department chair and approval of faculty member.

**Credits** 2**Course ID**

001867

**Grading Basis**

Pass/Fail Option

**Course Component**

Internship

**Requisites**[ECON 4291](#) Prerequisites: Junior Standing, 6 Hrs ECON, 3 Hrs ACCT**ECON 4292 : Directed Reading/Independent Study in Economics**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty.

**Credits** 2**Course ID**

001870

**Grading Basis**

Graded

**Course Component**

Independent Study

**ECON 4293 : Special Topics in Economics**

Systematic analysis and discussion of selected topics of contemporary and current interest.

**Credits** 2**Course ID**

001873

**Grading Basis**

Graded

**Course Component**

Special Topics

**ECON 4391 : Internship in Economics**

Practicum of on-the-job experience under the guidance of a practicing specialist in the field. This course is designed to provide opportunities for students to enhance their practical skills through application of classroom concepts and theories to real life situations. To be supervised individually by a department faculty member with the approval of the chair. Economics or finance students must have successfully completed three economics courses and have the approval of the chair one semester prior to registration. Prerequisite: junior standing, 6 credit hours of economics and 3 credit hours of accounting, approval of department chair and approval of faculty member.

**Credits** 3

**Course ID**

001868

**Grading Basis**

Pass/Fail Option

**Course Component**

Internship

**Requisites**

[ECON 4391](#) Prerequisites: Junior Standing, 6 Hrs ECON, 3 Hrs ACCT

**ECON 4392 : Directed Reading/Independent Study in Economics**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty.

**Credits** 3

**Course ID**

001871

**Grading Basis**

Graded

**Course Component**

Independent Study

**ECON 4393 : Special Topics in Economics**

Systematic analysis and discussion of selected topics of contemporary and current interest.

**Credits** 3

**Course ID**

001874

**Grading Basis**

Graded

**Course Component**

Special Topics

# Finance

## **FINA 2320 : Personal Finance**

This course covers the basics of personal money management and financial planning. Students will learn how to apply basic financial principles to household decision making such as debt, retirement, income tax and estate planning, personal investments in stocks and bonds, auto and home financing, and insurance needs.

**Credits** 3

**Course ID**

008346

**Grading Basis**

Graded

**Course Component**

Lecture

## **FINA 3334 : International Financial Management**

A study of the financial management of the multinational corporation. Topics include exchange rate forecasts and uncertainty, hedging against foreign exchange risk, cash flow management in multiple currencies, borrowing in foreign currencies, investing in foreign securities and real assets. Prerequisites: [ECON 1331](#), [MATH 3332](#); [ACCT 1341](#)

**Credits** 3

**Course ID**

001876

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[FINA 3334](#) Prerequisites: [ECON 1332](#), [ACCT 1341](#), [MATH 3332](#)

## **FINA 3335 : Financial Institutions and Markets**

An empirical study of financial institutions in the primary, secondary, and lending markets, and of legal developments in this field. The course examines the role of the various financial institutions in the flow of funds through the financial markets. Prerequisites: [ECON 1331](#), [ACCT 1341](#) and [MATH 3332](#)

**Credits** 3

**Course ID**

001877

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[FINA 3335](#) Prerequisites: [ECON 1332](#), [ACCT 1341](#), [MATH 3332](#)

**FINA 3339 : Corporate Finance**

Analysis of corporate use of financial markets and decision-making, with emphasis on stock and bond valuations and returns. The course further demonstrates corporate decision-making in the areas of capital budgeting, corporate financial structure and dividend policy. Prerequisites: junior standing; [ECON 1332](#); [ACCT 1341](#); [MATH 3332](#).

**Credits** 3

**Course ID**

001883

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[FINA 3339](#) Prerequisites: [ECON 1332](#), [ACCT 1341](#), [MATH 1353](#), 3332 (Intl BBA may take [MATH 2435](#) in lieu of other two MATH classes).

**FINA 3349 : Principles of Real Estate**

A study of the fundamentals and practices of real estate. Prerequisites: ECON 1331, 1332; [ACCT 1341](#).

**Credits** 3

**Course ID**

001878

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[FINA 3349](#) Prerequisites: [ACCT 1341](#), [ECON 1331](#), 1332

**FINA 3350 : Investment Analysis**

A study of portfolio management, including specific instruments such as stocks, bonds and options, and principles of diversification. Prerequisites: [ECON 1331](#), 1332, [MATH 3332](#), [ACCT 1341](#).

**Credits** 3

**Course ID**

001879

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[FINA 3350](#) Prerequisites: [ACCT 1341](#), [ECON 1331](#), 1332, [MATH 3332](#)

**FINA 3377 : Financing of Human Service Organizations**

The course covers the planning, acquisition and distribution of resources for human services organizations, including the unique aspects of financing for non-profit organizations. A key focus of the working capital, fixed asset acquisition, and debt management. Students in this course will be required to take a grant-writing workshop.

**Credits** 3

**Course ID**

008217

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[FINA 3377](#) Prereq: [ACCT 1301](#) or [ACCT 1342](#)

**FINA 4191 : Internship in Finance**

Practicum of on-the-job experience under the guidance of a practicing specialist in the field. This course is designed to provide opportunities for students to enhance their practical skills through application of classroom concepts and theories to real life situations. To be supervised individually by a department faculty member with the approval of the department chair. Economics or finance students must have successfully completed economics and finance courses and have the approval of the chair during the semester prior to registration. Prerequisite: junior standing, 6 credit hours of economics and 3 credit hours of finance, approval of department chair and approval of faculty member.

**Credits** 1

**Course ID**

001880

**Grading Basis**

Pass/Fail Option

**Course Component**

Internship

**Requisites**

[FINA 4191](#) Prerequisites: Junior Standing, 6 Hrs ECON, 3 Hrs FINA

**FINA 4192 : Directed Reading/Independent Study**

Students work independently on assigned readings in a particular topic and discuss/write up results to the satisfaction of the directing faculty member. Prerequisite: Department Consent.

**Credits** 1

**Course ID**

002692

**Grading Basis**

Graded

**Course Component**

Independent Study



**FINA 4193 : Special Topics in Finance**

Student research a selected problem in the field pursued under the guidance of an assigned member of the faculty. Prerequisite: Department Consent.

**Credits** 1

**Course ID**

006631

**Grading Basis**

Graded

**Course Component**

Special Topics

**FINA 4291 : Internship in Finance**

Practicum of on-the-job experience under the guidance of a practicing specialist in the field. This course is designed to provide opportunities for students to enhance their practical skills through application of classroom concepts and theories to real life situations. To be supervised individually by a department faculty member with the approval of the department chair. Economics or finance students must have successfully completed economics and finance courses and have the approval of the chair during the semester prior to registration. Prerequisite: junior standing, 6 credit hours of economics and 3 credit hours of finance, approval of department chair and approval of faculty member.

**Credits** 2

**Course ID**

001881

**Grading Basis**

Graded

**Course Component**

Internship

**Requisites**

[FINA 4291](#) Prerequisites: Junior Standing, 6 Hrs ECON, 3 Hrs FINA

**FINA 4292 : Directed Reading/Independent Study**

Students work independently on assigned readings in a particular topic and discuss/write up results to the satisfaction of the directing faculty member. Prerequisite: Department Consent.

**Credits** 2

**Course ID**

002694

**Grading Basis**

Graded

**Course Component**

Independent Study

**FINA 4293 : Special Topics in Finance**

Student research a selected problem in the field pursued under the guidance of an assigned member of the faculty. Prerequisite: Department Consent.

**Credits** 2

**Course ID**

006632

**Grading Basis**

Graded

**Course Component**

Special Topics

**FINA 4340 : Capital Budgeting**

A study of long-term capital spending decisions, including evaluation of investment opportunities and sources of funding for such investments. Prerequisites: [ECON 1331](#), 1332; [MATH 1353](#); [ACCT 1341](#)

**Credits** 3

**Course ID**

001884

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[FINA 4340](#) Prerequisites: [ECON 1331](#), 1332; [MATH 1353](#); [ACCT 1341](#)

**FINA 4350 : Risk Management**

This course addresses specialized finance issues involving risk and uncertainty. Students learn how derivatives, futures, options and other financial instruments can be used to reduce business and financial risk as well as how these instruments can be used as vehicles for high-risk/high return investments. Prerequisites: [ECON 1331](#), 1332, [MATH 1353](#), [ACCT 1341](#).

**Credits** 3

**Course ID**

001885

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[FINA 4350](#) Prerequisites: [ECON 1331](#), 1332; [MATH 1353](#); [ACCT 1341](#)

**FINA 4391 : Internship in Finance**

Practicum of on-the-job experience under the guidance of a practicing specialist in the field. This course is designed to provide opportunities for students to enhance their practical skills through application of classroom concepts and theories to real life situations. To be supervised individually by a department faculty member with the approval of the department chair. Economics or finance students must have successfully completed economics and finance courses and have the approval of the chair during the semester prior to registration. Prerequisite: junior standing, 6 credit hours of economics and 3 credit hours of finance, approval of department chair and approval of faculty member.

**Credits** 3

**Course ID**

001882

**Grading Basis**

Pass/Fail Option

**Course Component**

Internship

**Requisites**

[FINA 4391](#) Prerequisites: Junior Standing, 6 Hrs ECON, 3 Hrs FINA

**FINA 4392 : Dir Reading/Independent Study**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Prerequisite: Department Consent.

**Credits** 3

**Course ID**

002697

**Grading Basis**

Graded

**Course Component**

Independent Study

**FINA 4393 : Special Topics in Finance**

Students research a selected problem in the field pursued under the guidance of an assigned member of the faculty. Prerequisite: Department Consent.

**Credits** 3

**Course ID**

002698

**Grading Basis**

Graded

**Course Component**

Special Topics

## Management

**MGMT 1301 : Principled Business**

This core course guides first year students in discerning their passion through a business lens. It is designed so students will be able to make more solid plans in pursuing their career. Topics such as temperament and character, the art of happiness, key concept of Catholic Social Doctrine, vice versus virtue, enterprise solution to poverty will be explored through lectures and various hands-on projects/case studies that will put the students in the position of business leaders faced with ethical dilemmas.

**Credits** 3

**Course ID**

009064

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Offered as needed

**MGMT 1347 : Introduction to Business**

This course serves as an introduction to the functions of Business. These Business functions are Accounting, Finance, Marketing, Business Ethics and Social Responsibility, Small Business and Entrepreneurship, Business Communication, Economics, International Business, Management, Management Information Systems, Distribution, and Operations.

**Credits** 3

**Course ID**

007426

**Grading Basis**

Graded

**Course Component**

Lecture

**MGMT 2347 : Principles of Management**

.This course is centrally concerned with the theory and principles of organization and management with particular emphasis on the traditional management functions and the process of managerial roles performed in the workplace. Topics may include an introduction to strategic planning, ethics and social responsibility, decision making, motivating the workforce, managing teams, and other effective leadership skills. Applications include experiential learning and research, applied group dynamics, case analyses and exercises.

**Credits** 3

**Course ID**

006916

**Grading Basis**

Graded

**Course Component**

Lecture

**MGMT 2356 : Introduction to the Gaming Ecosystem**

This course provides an overview of the video game industry and its related ecosystems, platforms, technologies, and business models. Students will learn about the evolution of video game design and development, the commercialization of games as products and services, and the relationships between various stakeholders in the gaming ecosystem including creators, publishers, distributors, advertisers, and players. Students will analyze short case studies from major companies across sectors including hardware manufacturers, game publishers, marketing firms, eSports organizations, and more. By the end of the course, students will understand how the gaming ecosystem functions as a complex network of interdependent forces.

**Credits** 3

**Course ID**

009579

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Offered as needed

**MGMT 2357 : International Business**

This course provides an integrative overall business perspective (as opposed to a functional view) grounded in a global environment. This will include coverage of business as it is conducted in both developed and emerging economies. Focus will be on the globalization of business and critical factors for successfully entering into the global marketplace.

**Credits** 3

**Course ID**

007427

**Grading Basis**

Graded

**Course Component**

Lecture

**MGMT 3320 : Business Communications**

A practical, experienced-based introduction to business and professional communication using career-and-self-assessment and case studies on ethics, leadership, and diversity. Self-led student teams design and present a final project with a focus on oral and written communication skills. Fall, Spring.

**Credits** 3

**Course ID**

006913

**Grading Basis**

Graded

**Course Component**

Lecture

**MGMT 3330 : Small Business Institute**

This course introduces students to the process of creating, owning, and managing a small business to include the development of a business plan, understanding financing options, forecasting, and planning operations, personnel, and marketing processes for the for-profit and not-for-profit sectors. Students will utilize cases or, where possible, they will consult with actual small businesses. credit hours, [ACCT 1341](#), 1342; [MKTG 3343](#), MGMT 3347.

**Credits** 3

**Course ID**

001829

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MGMT 3330](#) Prerequisites: [ACCT 1341](#), 1342; [MKTG 3343](#); [MGMT 2347](#).

**MGMT 3340 : Leadership Theory and Practice**

This course introduces students to theories and practice of leadership, with foci in business organizations and the role of leadership in developing ethical organizations. Students study the history of leadership theories, the role of leadership in organizational success, ethical leadership, and profiles of great leaders. Prerequisite: None

**Credits** 3

**Course ID**

008097

**Grading Basis**

Graded

**Course Component**

Lecture

**MGMT 3348 : Human Resource Management**

A study of the fundamental concepts and techniques in the management of human resources, including job analysis, employee staffing, training, performance evaluation, compensation administration, and health/safety programs. The legal environment and ethical treatment of employees will be fundamental to each topic. Students will study current news and legislation in HR such as sexual harassment, expatriate (overseas) assignments, and alternative dispute resolution as topics arise in the press. (formerly Personnel Management)

**Credits** 3

**Course ID**

006917

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MGMT 3348](#) Prerequisite: 50+ Credit Hours

**MGMT 3349 : Managing Behavior in Organizations**

This course provides an overview of managerial functions with a particular emphasis on the student of individual, group and inter-group behaviors in organizations. This course introduces students to the complexities of working with diverse individuals and teams and further develops students' understanding in leading and managing themselves and others in organizations. Pre-requisite: [MGMT 2347](#) or Instructor's approval

**Credits** 3

**Course ID**

007861

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MGMT 3349](#) Prerequisites: [MGMT 2347](#)

**MGMT 3385 : Project Management**

This course deals with managing projects in modern business organizations. This course is about project managers -- what they do and how they do it. Topics include scheduling, evaluating, budgeting, and controlling projects. Other topics are assign and mitigating risks, leadership of complex teams, and handling conflicts. The course utilizes a series of cases that provide student with opportunities to experience the process of managing projects using the techniques and tools discussed in the course.

**Credits** 3

**Course ID**

006064

**Grading Basis**

Graded

**Course Component**

Lecture

**MGMT 3390 : Management Information Systems**

Topics covered in this course focus on the information systems used to address the needs of functional areas of business. Also discussed are the strategic role of information systems in the enterprise, new and emerging technologies, and ethical and social impacts of information systems. The course includes an introduction to business process modeling systems, business cases, teamwork, and discussion of current innovations and business situations involving information systems.

**Credits** 3

**Course ID**

005704

**Grading Basis**

Graded

**Course Component**

Lecture

**MGMT 3391 : Business Intelligence and Decision-Making**

The course provides an overview of the fundamental concepts and tools needed to understand the emerging role of data-driven decision-making in organizations. Starting with an introduction to business intelligence (BI) concepts, the course will explore how business problems can be solved effectively by using operational data to create data warehouses, and then applying data mining tools and analytics to gain new insights into organizational operations. The course is organized around the following general themes: the business value of data, planning and business requirements, data management, benchmarking, and business analytics. The emphasis is on interpreting and translating business data into information for the benefit of internal and external consumers. Practical examples and case studies are presented throughout the course.

**Credits** 3

**Course ID**

009366

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MGMT 3391](#) Prerequisites: [MGMT 3390](#)

**Semester Offered**

Fall and spring semesters

**MGMT 3977 : Management of Human Services Organizations**

This course covers the principles and best practices of managing a human service organization. This course also examines ways to develop human service administrators and professionals who can contribute to an organization's success by aligning management functions with the goals and strategy of the organization. In addition, the course will examine the differences between volunteer management and the broader human resources management, and the challenges associated with volunteer management. In doing so, students will learn relevant skills in selection, staffing and development, group processes, and cross-cultural/diversity issues. Relevant laws and legislation governing human service organizations will also be reviewed. (1.5 credit hours)

**Credits** 1.5

**Course ID**

008206

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Co/Prerequisite for [MGMT 3977](#): MKTG 3977

**MGMT 4191 : Internship in Business Administration/Marketing**

Practicum or on-the-job experience under the guidance of practicing specialists in the field. To be supervised individually by a department faculty member with the approval of the chair. Prerequisites: 50+ credit hours; appropriate business coursework (to be determined in consultation with department chair or faculty supervisor); prior written approval of chair and instructor; minimum GPA of 3.0. Course will be offered on a Pass/Fail basis.

**Credits** 1

**Course ID**

006918

**Grading Basis**

Pass/Fail Option

**Course Component**

Internship

**Requisites**

[MGMT 4191](#) Prerequisites: 50+ Credit Hours

**MGMT 4192 : Directed Readings/Independent Study in Management**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Prerequisites: 50+ credit hours; appropriate business coursework (to be determined in consultation with department chair or faculty supervisor); prior written approval of chair and instructor; minimum GPA of 3.0.

**Credits** 1

**Course ID**

006919

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[MGMT 4192](#) Prerequisites: 50+ Credit Hours



**MGMT 4193 : Special Topics in Management**

Systematic analysis and discussion of selected topics of contemporary and current interest. Prerequisites: 50+ credit hours; appropriate business coursework (to be determined in consultation with department chair or faculty supervisor); prior written approval of chair and instructor; minimum GPA of 3.0. Course will be offered on a Pass/Fail basis.

**Credits** 1

**Course ID**

006920

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MGMT 4193](#) Prerequisite: 50+ Credit Hours

**MGMT 4289 : Individual & Organizational Success**

This course introduces students to a broad and fundamental understanding of how to succeed in their chosen endeavors in life. It describes success profiles of widely varied people, careers and organizations. It highlights the differences between private and group practices, small and large businesses, non-profits and for-profit organizations. It illuminates the commonalities of all successful undertakings from small to large, private to public, and government to NGO. It helps students establish a mindset where they see how their individual creativity, initiative, innovative tendencies and adaptability will be useful in their career, adopting traits from successful entrepreneurs. Topics include working with people of different backgrounds, the diversity needs of successful organizations, start-ups versus established organizations.

**Credits** 0

**Course ID**

008220

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MGMT 4289](#) Prereq: Jr. standing & [UNIV 4189](#) coreq

**MGMT 4291 : Internship in Business Administration/Marketing**

Practicum or on-the-job experience under the guidance of practicing specialists in the field. To be supervised individually by a department faculty member with the approval of the chair. Prerequisites: 50+ credit hours; appropriate business coursework (to be determined in consultation with department chair or faculty supervisor); prior written approval of chair and instructor; minimum GPA of 3.0. Course will be offered on a Pass/Fail basis.

**Credits** 2

**Course ID**

006921

**Grading Basis**

Pass/Fail Option

**Course Component**

Internship

**Requisites**

[MGMT 4291](#) Prerequisites: 50+ Credit Hours

**MGMT 4292 : Directed Reading/Independent Study in Business Administration/Marketing**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Prerequisites: 50+ credit hours; appropriate business coursework (to be determined in consultation with department chair or faculty supervisor); prior written approval of chair and instructor; minimum GPA of 3.0.

**Credits** 2

**Course ID**

006922

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[MGMT 4292](#) Prerequisites: 50+ Credit Hours

**MGMT 4293 : Special Topics in Business Administration/Marketing**

Systematic analysis and discussion of selected topics of contemporary and current interest. Prerequisites: 50+ credit hours; appropriate business coursework (to be determined in consultation with department chair or faculty supervisor); prior written approval of chair and instructor; minimum GPA of 3.0. Course will be offered on a Pass/Fail basis.

**Credits** 2

**Course ID**

006923

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MGMT 4293](#) Prerequisite: 50+ Credit Hours

**MGMT 4330 : Entrepreneurship & Conscious Capitalism**

The course introduces students to the process of starting and growing their own business. Students work in teams, use design and discovery thinking, combined with ideation, customer discovery process and inputs from experts to develop the value proposition and a business model for the delivery of a product or service. The course also covers conscious capital strategies including recognizing your personal and cultural values, engaging in authentic relationships with your stakeholders, learning to inspire others through conscious leadership and a connected company culture.

**Credits** 3

**Course ID**

007475

**Grading Basis**

Graded

**Course Component**

Lecture

**MGMT 4331 : Business Law**

General principles of the law of contracts, agency, bailment, sales, mortgages, negotiable instruments and bankruptcy.

**Credits** 3

**Course ID**

006924

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MGMT 4331](#) Prerequisite: 50 Credit Hours

**MGMT 4348 : Strategic Human Resource Management**

This course explores the strategic role of human resource management within organizations. This course enables students to understand how key HRM functions facilitate and align with the overall business strategy. This course further prepares students to operate in data-driven work environments with increased awareness of contemporary issues in human resource management.

**Credits** 3

**Course ID**

009577

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MGMT 4348](#) Prerequisites: [MGMT 3348](#) and 50+ hours of coursework.

**Semester Offered**

Offered as needed

**MGMT 4351 : Innovation Management**

This course familiarizes students with the process of innovation management from understanding innovation and identifying marketable innovations to marketing and monetizing the innovative products. The course is designed to supply students with skills to foster a culture of creativity and innovation in their organizations and to market those ideas.

**Credits** 3

**Course ID**

009581

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MGMT 4351](#) Prerequisites: [MGMT 2347](#) and 50+ hours of coursework.

**Semester Offered**

Offered as needed

**MGMT 4357 : Contemporary Issues in Gaming**

This course explores the current issues shaping the gaming industry and gaming culture. Students will examine the global, national, and organizational forces that influence gaming management and practice. Other topics include: ethical and legal issues surrounding game development and gaming; how as social technologies, games can facilitate community building, interaction, and development; rapid growth of competitive collegiate gaming programs. Through analysis of real-world examples and cases, students will gain an understanding of the complex challenges facing today's gaming industry.

**Credits** 3

**Course ID**

009580

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MGMT 4357](#) Prerequisites: [MGMT 2356](#) and 50+ hours of coursework.

**Semester Offered**

Offered as needed

**MGMT 4361 : Entrepreneurship in Sustainable Communities**

This course is designed to help students understand the theory and practice behind building a sustainable enterprise that contributes to the community and the world-at-large. These sustainable strategies presented will promote and enhance environmental protection, increase social equity all while preserving economic growth. The concepts presented will apply to any business structure including small, local sole practitioners, start-ups, partnerships, cooperatives and corporations. This course establishes sustainability as a foundation for creativity, innovation and building competitive advantage for both new and established firms.

**Credits** 3

**Course ID**

008219

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MGMT 4361](#) Prereq: [MGMT 2347](#) or [MGMT 4330](#)

**MGMT 4362 : Sustainability and The Common Good**

This course is designed to introduce the concept of sustainability and the role of business in fostering the common good grounded in catholic values and inline with the mission of UST. It examines globalization and the interconnectedness of our modern business world. The course explores the role of business in promoting sustainability stewardship and international cooperative developments.

**Credits** 3

**Course ID**

009582

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MGMT 4362](#) Prerequisites: [MGMT 2347](#) and 50+ hours of coursework.

**Semester Offered**

Offered as needed

**MGMT 4369 : Practicum in Entrepreneurship & Small Business**

This course requires that students transfer the knowledge gained in their Free Enterprise and Entrepreneurship courses into practice through hands-on experiences, such a business development consulting projects, management of a venture capital fund, creation of a student-owned business venture, and development of a Social Entrepreneurial venture. Working in teams, students will experience idea generation, develop plans for assessment of market potential, identify appropriate missions and goals, develop a business plan, including funding sources, resource requirements (both capital and human), and a timeline for implementation of the plan. The result will be team presentations in the format of a competition. This course is the last class in the sequence for completion of the Free Enterprise and Entrepreneurship minor.

**Credits** 3

**Course ID**

008232

**Grading Basis**

Graded

**Course Component**

Lecture

**MGMT 4377 : Leadership and Strategic Management for HSO**

Focusing on strategy and leadership, this course addresses the challenges of management in human services organizations (for-profit, non-profit, and public entity). The course takes an entrepreneurial perspective and provides students with the conceptual and analytic base needed to build and lead a new or established organization. The course exposes students to several analytic tools and processes (e.g., mission and vision, change management, strategic planning, governance and relationships with the board, organizational life-cycles and scaling, and partnerships and alliances). Students will complete a service learning project in this course. Prerequisites: Must be taken as the final course in the minor program.

**Credits** 3

**Course ID**

008462

**Grading Basis**

Graded

**Course Component**

Lecture

**MGMT 4379 : Program Design, Assessment and Evaluation**

Addresses the types of services that may be offered to clients in a human services organization; stresses the design of new programs and services, and evaluation of existing services with an emphasis on measuring impact and outcomes. Students will learn needs assessment, program evaluation, and process improvement. Students will learn how to report findings to stakeholders and the larger public to develop a successful funding campaign. Students in this course will prepare a written proposal for the evaluation of an existing program, including selecting the appropriate measurement tools, study design, and statistical analysis.

**Credits** 3

**Course ID**

008273

**Grading Basis**

Graded

**Course Component**

Lecture

**MGMT 4390 : Management of Technology**

The course will provide an overview of the principles and techniques of systems analysis and design methods, with particular emphasis on information systems. The conceptual architecture of an information system, information systems framework and conceptual building blocks will be addressed. In addition, the course will examine a standards-based framework to 1) structure IT-related activities and approaches for supporting and delivering IT services; 2) to enhance the interactions of IT technical personnel with business customers and users, and 3) to increase the quality, reliability and flexibility of IT services.

**Credits** 3

**Course ID**

009583

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MGMT 4390](#) Prerequisites: [MGMT 3390](#) and 50+ hours of coursework.

**Semester Offered**

Offered as needed

**MGMT 4391 : Internship in Business Administration/Marketing**

Practicum or on-the-job experience under the guidance of practicing specialists in the field. To be supervised individually by a department faculty member with the approval of the chair. Prerequisites: 50+ credit hours; appropriate business coursework (to be determined in consultation with department chair or faculty supervisor); prior written approval of chair and instructor; minimum GPA of 3.0. Course will be offered on a Pass/Fail basis.

**Credits** 3

**Course ID**

006926

**Grading Basis**

Pass/Fail Option

**Course Component**

Internship

**Requisites**

[MGMT 4391](#) Prerequisites: 50+ Credit Hours

**MGMT 4392 : Directed Reading/Independent Study in Management**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Prerequisites: 50+ credit hours; appropriate business coursework (to be determined in consultation with department chair or faculty supervisor); prior written approval of chair and instructor; minimum GPA of 3.0.

**Credits** 3

**Course ID**

006928

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[MGMT 4392](#) Prerequisites: 50+ Credit Hours

**MGMT 4393 : Special Topics in Business Administration/Marketing**

Systematic analysis and discussion of selected topics of contemporary and current interest. Prerequisites: 50+ credit hours; appropriate business coursework (to be determined in consultation with department chair or faculty supervisor); prior written approval of chair and instructor; minimum GPA of 3.0.

**Credits** 3

**Course ID**

001848

**Grading Basis**

Graded

**Course Component**

Special Topics

**Requisites**

[MGMT 4393](#) Prerequisites: 50+ Credit Hours

**MGMT 4399 : Senior Seminar**

This is a capstone course in business designed to integrate concepts and knowledge from a broad range of core business skills, and to explore contemporary social and economic issues influencing the business environment. The course emphasizes strategic thinking and group-based work and requires students demonstrate their capacity to execute in actual or simulated business situations. This seminar course requires significant group work; therefore, students should be prepared to participate in multiple out-of-class meetings, in addition to the regularly scheduled class sessions. Prerequisites: Senior standing, [DEIS 4333](#), [MKTG 3343](#), [MGMT 2347](#), [MGMT 3320](#), [MGMT 3390](#), [MGMT 4331](#) [FINA 3339](#).

**Credits** 3

**Course ID**

006930

**Grading Basis**

Graded

**Course Component**

Seminar

**Requisites**

[MGMT 4399](#) Prerequisites: Senior Standing; [MGMT 3320](#), [DEIS 4333](#), [MGMT 3390](#), [MGMT 4331](#), [MGMT 2347](#), [FINA 3339](#), and [MKTG 3343](#).

**MGMT 4491 : Internship in Business Administration/Marketing**

Practicum or on-the-job experience under the guidance of practicing specialists in the field. To be supervised individually by a department faculty member with the approval of the chair. Prerequisites: 50+ credit hours; appropriate business coursework (to be determined in consultation with department chair or faculty supervisor); prior written approval of chair and instructor; minimum GPA of 3.0. Course will be offered on a Pass/Fail basis.

**Credits** 4

**Course ID**

006931

**Grading Basis**

Pass/Fail Option

**Course Component**

Internship

**Requisites**

[MGMT 4491](#) Prerequisites: 50+ Credit Hours

**MGMT 4493 : Special Topics in Business Administration/Marketing**

Systematic analysis and discussion of selected topics of contemporary and current interest. Prerequisites: 50+ credit hours; appropriate business coursework (to be determined in consultation with department chair or faculty supervisor); prior written approval of chair and instructor; minimum GPA of 3.0. Course will be offered on a Pass/Fail basis.

**Credits** 4

**Course ID**

006932

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MGMT 4493](#) Prerequisite: 50+ Credit Hours

**MGMT 4591 : Internship in Business Administration/Marketing**

Practicum or on-the-job experience under the guidance of practicing specialists in the field. To be supervised individually by a department faculty member with the approval of the chair. Prerequisites: 50+ credit hours; appropriate business coursework (to be determined in consultation with department chair or faculty supervisor); prior written approval of chair and instructor; minimum GPA of 3.0. Course will be offered on a Pass/Fail basis.

**Credits** 5

**Course ID**

006933

**Grading Basis**

Pass/Fail Option

**Course Component**

Internship

**Requisites**

[MGMT 4591](#) Prerequisites: 50+ Credit Hours



**MGMT 4691 : Internship in Business Administration/Marketing**

Practicum or on-the-job experience under the guidance of practicing specialists in the field. To be supervised individually by a department faculty member with the approval of the chair. Prerequisites: 50+ credit hours; appropriate business coursework (to be determined in consultation with department chair or faculty supervisor); prior written approval of chair and instructor; minimum GPA of 3.0. Course will be offered on a Pass/Fail basis.

**Credits** 6

**Course ID**

006912

**Grading Basis**

Pass/Fail Option

**Course Component**

Internship

**Requisites**

[MGMT 4691](#) Prerequisites: 50+ Credit Hours

## Marketing

**MKTG 3343 : Principles of Marketing**

The course analyzes marketing strategy and product decisions, pricing policy, sales promotion and distribution in the business environment. Prerequisite: 50+ credit hours.

**Credits** 3

**Course ID**

006935

**Grading Basis**

Graded

**Course Component**

Lecture

**MKTG 3344 : Marketing Applications**

Applications approach to problem-solving and research techniques in marketing. Prerequisite: 50+ Credit Hours & [MKTG 3343](#)

**Credits** 3

**Course ID**

001831

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MKTG 3344](#) Prerequisites: [MKTG 3343](#)

**MKTG 3345 : Consumer Behavior**

An analysis of the factors affecting consumer behavior in the marketplace, with an emphasis on exploring and evaluating evidence from empirical marketing research. Prerequisite: 50+ Credit Hrs & [MKTG 3343](#) recommended.

**Credits** 3

**Course ID**

006937

**Grading Basis**

Graded

**Course Component**

Lecture

**MKTG 3346 : Advertising and Integrated Marketing Communications**

The course will focus on strategic planning, development, and execution of advertising and integrated marketing communications programs. The course will communicate the specific function of each of the elements of the promotion mix (advertising, personal selling, public relations, sales promotions, sponsorship, direct response and interactive marketing) and how these can be strategically combined to achieve marketing objectives. The psychological theories applied to create effective integrated campaigns will also be discussed, along with the role of marketing research in reaching creative and media decisions. [MKTG 3343](#) or equivalent recommended

**Credits** 3

**Course ID**

001833

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MKTG 3346](#) Prerequisite: [MKTG 3343](#)

**MKTG 3351 : Marketing Research**

The role of information in marketing decision-making. Application of statistical and marketing concepts and techniques in the collection and analysis of primary and secondary data. Prerequisites: [MATH 1353](#), 3332 and [MKTG 3343](#).

**Credits** 3

**Course ID**

001836

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MKTG 3351](#) Prerequisites: [MATH 1353](#), 3332; [MKTG 3343](#)

**MKTG 3353 : Foundations of Professional Sales**

Personal Selling and Sales Management introduces students to the process of selling and the complex decision making process. It covers theories and practices of communication and persuasive in the context of making a sale. It also introduces the concepts and practices involved in managing and motivating a sales force.

**Credits** 3

**Course ID**

008990

**Grading Basis**

Graded

**Course Component**

Lecture

**MKTG 3355 : Personal Selling**

This course builds on the personal selling skills introduced in Foundations of Professional Sales .Students learn principles of persuasion, the complex decision-making models, and models and methods of personal selling. Students design sales pitches, engage in role play, use simulations, and analyze cases to build experience and expertise in personal selling

**Credits** 3

**Course ID**

008991

**Grading Basis**

Graded

**Course Component**

Lecture

**MKTG 3357 : Salesforce Management**

Salesforce Management builds on the management principles introduced in Foundations of Professional Sales. It focuses on the principles and practices of managing a sales force. It reviews management theory and teaches students the models and methods for organizing and motivating salespersons. It includes compensation models, sales prediction, territory design, and other principles and models used to effectively manage salespeople.

**Credits** 3

**Course ID**

008992

**Grading Basis**

Graded

**Course Component**

Lecture

**MKTG 3359 : Cross-Cultural Negotiation**

This course covers negotiation techniques and strategies, cultural differences, and the interaction between them. The course uses simulations, case studies, and role plays to give students experience in applying the techniques of negotiation in different contexts.

**Credits** 3

**Course ID**

008989

**Grading Basis**

Graded

**Course Component**

Lecture

**MKTG 3371 : Introduction to Data Analytics**

Data analytics is a process that turns data into usable information for answering questions. This course will introduce the process of acquiring, managing and analyzing data. Readily available real-world data sets will be analyzed using supervised and unsupervised learning methods. Prerequisites: [MATH 2435](#), [MATH 3332](#), [MATH 3450](#), or [PSYC 3433](#).

**Credits** 3

**Course ID**

008366

**Grading Basis**

Graded

**Course Component**

Lecture

**MKTG 3372 : Data Visualization**

Appropriate visualizations of data are a key to revealing patterns and communicating important findings in research. This course will build on statistical and analytical thinking by emphasizing the role and use of visualizations in the analysis of data. Theories, techniques and software for managing, exploring, analyzing, displaying and communicating information about various types of data will be introduced. Visualizations will be produced using readily available real-world data sets. Prerequisites: [MATH 2435](#), or [MATH 3332](#), or [MATH 3450](#), or [PSYC 3433](#), or instructor approval.

**Credits** 3

**Course ID**

008365

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[COMSC 3372](#) Prerequisite [MATH 2435](#), or [MATH 3332](#), or [MATH 3450](#), or [PSYC 3433](#)

**MKTG 3978 : Marketing for Human Services Organizations**

This course is designed to introduce students to the use of the marketing techniques used by human services organizations to create unique brands and reach organizational stakeholders. This course addresses important marketing and outreach issues for all human services organizations. In addition, it focuses on best practices in development and marketing for nonprofits. 1.5 credits. Co/prerequisite [MGMT 3977](#).

**Credits** 1.5

**Course ID**

008207

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Co/Prerequisite for MKTG 3977: [MGMT 3977](#)

**MKTG 4191 : Internship in Marketing**

Practicum or on-the-job experience under the guidance of practicing specialists in the field. To be supervised individually by a department faculty member with the approval of the chair. Prerequisites: 50+ credit hours; appropriate business coursework (to be determined in consultation with department chair or faculty supervisor); prior written approval of chair and instructor; minimum GPA of 3.0. Course will be offered on a Pass/Fail basis.

**Credits** 1

**Course ID**

001837

**Grading Basis**

Pass/Fail Option

**Course Component**

Internship

**Requisites**

[MKTG 4191](#) Prerequisites: 50+ Credit Hours

**MKTG 4192 : Directed Reading/Independent in Marketing**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Prerequisites: 50+ credit hours; appropriate business coursework (to be determined in consultation with department chair or faculty supervisor); prior written approval of chair and instructor; minimum GPA of 3.0.

**Credits** 1

**Course ID**

001843

**Grading Basis**

Pass/Fail Option

**Course Component**

Independent Study

**Requisites**

[MGMT 4192](#) Prerequisites: 50+ Credit Hours

**MKTG 4193 : Special Topics in Marketing**

Systematic analysis and discussion of selected topics of contemporary and current interest. Prerequisites: 50+ credit hours; appropriate business coursework (to be determined in consultation with department chair or faculty supervisor); prior written approval of chair and instructor; minimum GPA of 3.0. Course will be offered on a Pass/Fail basis.

**Credits** 1

**Course ID**

001846

**Grading Basis**

Graded

**Course Component**

Special Topics

**Requisites**

[MGMT 4193](#) Prerequisite: 50+ Credit Hours

**MKTG 4291 : Internship in Marketing**

Practicum or on-the-job experience under the guidance of practicing specialists in the field. To be supervised individually by a department faculty member with the approval of the chair. Prerequisites: 50+ credit hours; appropriate business coursework (to be determined in consultation with department chair or faculty supervisor); prior written approval of chair and instructor; minimum GPA of 3.0. Course will be offered on a Pass/Fail basis.

**Credits** 2

**Course ID**

001838

**Grading Basis**

Pass/Fail Option

**Course Component**

Internship

**Requisites**

[MGMT 4291](#) Prerequisites: 50+ Credit Hours

**MKTG 4292 : Directed Reading/Independent Study in Marketing**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Prerequisites: 50+ credit hours; appropriate business coursework (to be determined in consultation with department chair or faculty supervisor); prior written approval of chair and instructor; minimum GPA of 3.0.

**Credits** 2

**Course ID**

001844

**Grading Basis**

Pass/Fail Option

**Course Component**

Independent Study

**Requisites**

[MGMT 4292](#) Prerequisites: 50+ Credit Hours

**MKTG 4293 : Special Topics in Marketing**

Systematic analysis and discussion of selected topics of contemporary and current interest. Prerequisites: 50+ credit hours; appropriate business coursework (to be determined in consultation with department chair or faculty supervisor); prior written approval of chair and instructor; minimum GPA of 3.0. Course will be offered on a Pass/Fail basis.

**Credits** 2

**Course ID**

001847

**Grading Basis**

Graded

**Course Component**

Special Topics

**Requisites**

[MGMT 4293](#) Prerequisite: 50+ Credit Hours

**MKTG 4320 : E-Commerce**

This course deals with basic issues and principles associated with conducting numerous forms of business enterprise over the Internet. Included are the technical and business aspects that make E-Commerce possible. Students will learn about the architecture of the Internet and the ways that businesses use this technology to achieve corporate strategy and globalization.

**Credits** 3

**Course ID**

001913

**Grading Basis**

Graded

**Course Component**

Lecture

**MKTG 4330 : Marketing Measurement & Analytics**

This course expands students' understanding of measurement and data analysis. The course covers survey design, data analysis, and reporting. The primary focus of the course is on understanding the process of data analysis. Students use SPSS, or a similar software package, to prepare, recode, and analyze data.

**Credits** 3

**Course ID**

008069

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MKTG 4330](#) Prerequisites: [MKTG 3343](#) and [MATH 3332](#), [MATH 2435](#) OR [PSYC 3433](#)

**MKTG 4356 : Sports Marketing & Event Management**

This course builds on the principles of marketing, applying them to the unique challenges of sports marketing and event management.

**Credits** 3

**Course ID**

009578

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MKTG 4356](#) Prerequisites: [MKTG 3343](#) and 50+ hours of coursework.

**Semester Offered**

Offered as needed

**MKTG 4391 : Internship in Marketing**

Practicum or on-the-job experience under the guidance of practicing specialists in the field. To be supervised individually by a department faculty member with the approval of the chair. Prerequisites: 50+ credit hours; appropriate business coursework (to be determined in consultation with department chair or faculty supervisor); prior written approval of chair and instructor; minimum GPA of 3.0. Course will be offered on a Pass/Fail basis.

**Credits** 3

**Course ID**

001839

**Grading Basis**

Pass/Fail Option

**Course Component**

Internship

**Requisites**

[MGMT 4391](#) Prerequisites: 50+ Credit Hours

**MKTG 4392 : Directed Reading/Independent Study in Marketing**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Prerequisites: 50+ credit hours; appropriate business coursework (to be determined in consultation with department chair or faculty supervisor); prior written approval of chair and instructor; minimum GPA of 3.0.

**Credits** 3

**Course ID**

001845

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[MGMT 4392](#) Prerequisites: 50+ Credit Hours

**MKTG 4393 : Special Topics in Marketing**

Systematic analysis and discussion of selected topics of contemporary and current interest. Prerequisites: 50+ credit hours; appropriate business coursework (to be determined in consultation with department chair or faculty supervisor); prior written approval of chair and instructor; minimum GPA of 3.0.

**Credits** 3

**Course ID**

006947

**Grading Basis**

Graded

**Course Component**

Special Topics

**Requisites**

[MGMT 4393](#) Prerequisites: 50+ Credit Hours



**MKTG 4493 : Special Topics in Marketing**

Systematic analysis and discussion of selected topics of contemporary and current interest. Prerequisites: 50+ credit hours; appropriate business coursework (to be determined in consultation with department chair or faculty supervisor); prior written approval of chair and instructor; minimum GPA of 3.0. Course will be offered on a Pass/Fail basis.

**Credits** 4

**Course ID**

001849

**Grading Basis**

Graded

**Course Component**

Special Topics

**Requisites**

[MGMT 4493](#) Prerequisite: 50+ Credit Hours

**MKTG 4591 : Internship in Marketing**

Practicum or on-the-job experience under the guidance of practicing specialists in the field. To be supervised individually by a department faculty member with the approval of the chair. Prerequisites: 50+ credit hours; appropriate business coursework (to be determined in consultation with department chair or faculty supervisor); prior written approval of chair and instructor; minimum GPA of 3.0. Course will be offered on a Pass/Fail basis.

**Credits** 5

**Course ID**

001841

**Grading Basis**

Graded

**Course Component**

Internship

**Requisites**

[MGMT 4591](#) Prerequisites: 50+ Credit Hours

**MKTG 4691 : Internship in Marketing**

Practicum or on-the-job experience under the guidance of practicing specialists in the field. To be supervised individually by a department faculty member with the approval of the chair. Prerequisites: 50+ credit hours; appropriate business coursework (to be determined in consultation with department chair or faculty supervisor); prior written approval of chair and instructor; minimum GPA of 3.0. Course will be offered on a Pass/Fail basis.

**Credits** 6

**Course ID**

001842

**Grading Basis**

Graded

**Course Component**

Internship

**Requisites**

[MGMT 4691](#) Prerequisites: 50+ Credit Hours

# Health Simulation

## **HLTHS 4160 : Certification Exam Preparation**

This one-credit course will be focused on certification exam preparation.

**Credits** 1

**Course ID**

009396

**Grading Basis**

Pass/Fail Option

**Course Component**

Independent Study

**Requisites**

[HLTHS 4160](#) Prerequisites: [HLTHS 4340](#), 4345, 4350, 4355.

**Semester Offered**

Fall and spring semesters

## **HLTHS 4340 : Conceptual and Technical Foundations of Simulation Learning Methodology**

This course focuses on the knowledge base related to teaching methodologies, educational technology and learning outcome assessment essential to the development of simulation pedagogy for effective clinical learning in all dimensions of nursing care.

**Credits** 3

**Course ID**

009400

**Grading Basis**

Graded

**Course Component**

Lecture

## **HLTHS 4345 : Strategic and Operational Leadership in Nursing Simulation**

This course focuses on knowledge and skills relevant to strategic development of simulation learning environments and their operational management.

**Credits** 3

**Course ID**

009401

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[HLTHS 4345](#) Prerequisite: [HLTHS 4340](#)

**HLTHS 4350 : Student and Program Evaluation**

This course focuses on knowledge and skills associated with evaluation of student learning outcomes, curricular/program outcomes, faculty outcomes and educational environments. Emphasis will be placed on assessment for continuous quality improvement and the integration of professional, regulatory and accreditation standards in evaluation processes.

**Credits** 3

**Course ID**

009402

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[HLTHS 4350](#) Prerequisite: [HLTHS 4340](#)

**HLTHS 4355 : Capstone Simulation Project**

This course focuses on development and piloting of a clinical simulation project with the support of an experienced simulation educator as coach.

**Credits** 3

**Course ID**

009403

**Grading Basis**

Graded

**Course Component**

Lecture

## Nursing

**NURS 1032 : Foundations in Critical Thinking in Nursing**

This course will focus on facilitation of individualized study plans for conditionally accepted pre-nursing students who demonstrate problems with learning readiness, based on performance patterns/ criteria such as below standard performance on readiness assessment tools, test-taking skills in key pre-nursing courses, below standard writing skills and other academic criteria that may be identified by SON faculty. Student progress in the course will be assessed on a pass/fail basis

**Credits** 3

**Course ID**

008101

**Grading Basis**

Non-Degree Grading Basis

**Course Component**

Tutorial

**NURS 2032 : Clinical Reasoning in Nursing**

This course will focus on individualized study plans that are designed to enhance critical thinking and clinical reasoning skills essential to success in the nursing curriculum. Prerequisite: Full admission to the School of Nursing and Junior or Senior standing.

**Credits** 3

**Course ID**

008102

**Grading Basis**

Non-Degree Grading Basis

**Course Component**

Tutorial

**NURS 2193 : Special Topic in Nursing**

Selected topics of mutual interest to the faculty member and students.

**Credits** 1

**Course ID**

009557

**Grading Basis**

Graded

**Course Component**

Special Topics

**Semester Offered**

Fall and spring semesters

**NURS 2202 : Calculations for Nursing**

This two-credit course introduces students to the knowledge and skills needed for medical calculation for nursing. This course reviews basic math skills ensuring students have a foundation on which to build to more complex concepts in calculations. A step-by-step approach to solving calculations is provided in four methods which allows students to use the most relevant techniques for their success. The application of calculations and algebraic functions are addressed, including weight-based medication doses and critical care intravenous medication calculations. The lab portion of this course introduces students to math applied to medications, measurement, and delivery of medications.

**Credits** 2

**Course ID**

009376

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[NURS 2202](#) Prerequisite: Student Group NURS

**Semester Offered**

Fall semester

Spring semester

**NURS 2302 : Calculations for Nursing**

This course introduces students to the knowledge and skills needed for medical calculation for nursing. This course reviews basic math skills ensuring students have a foundation on which to build to more complex concepts in calculations. A step-by-step approach to solving calculations is provided in four methods which allows students to use the most relevant techniques for their success. The application of calculations and algebraic functions are addressed, including weight-based medication doses and critical care intravenous medication calculations. The lab portion of this course introduces students to math applied to medications, measurement, and delivery of medications.

**Credits** 3

**Course ID**

009376

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[NURS 2202](#) Prerequisite: Student Group NURS

**Semester Offered**

Fall and spring semesters

**NURS 2342 : Health Assessment**

This three-credit course introduces students to the knowledge and skills needed of holistic assessment of individual patient. The course focuses on the basic health assessment component of the nursing process used to identify and document the health status of patients through development of the student's skills in physical assessment of patients of all ages. Learning experiences will also emphasize skill development in interviewing to collect a holistic health history. Prerequisites: BIOL 2343,2344.

**Credits** 3

**Course ID**

007440

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[NURS 2342](#) Requisites: [NURS 2343](#) and Student Group NURS

**NURS 2372 : Health Assessment**

This three-credit course introduces students to the knowledge and skills needed of holistic assessment of individual patient. The course focuses on the basic health assessment component of the nursing process used to identify and document the health status of patients through development of the student's skills in physical assessment of patients of all ages. Learning experiences will also emphasize skill development in interviewing to collect a holistic health history.

**Credits** 3

**Course ID**

008756

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

NURS ABSN Sem I Prerequisites: ABSN/PABSN/TABSN Subplan

**NURS 2393 : Special Topic in Nursing**

Selected topics of mutual interest to the faculty member and students.

**Credits** 3

**Course ID**

009515

**Grading Basis**

Graded

**Course Component**

Special Topics

**Semester Offered**

Fall and spring semesters

**NURS 2642 : Foundations of Holistic Nursing Practice**

This six-credit course introduces students to foundation concepts, processes and skills related to the provision of holistic nursing care of the individual experiencing health alterations. Learning experiences will be grounded in the university philosophy that nursing is a healing ministry focused on body, mind and spirit. A conceptual framework derived from nursing science, life, behavioral and social sciences, humanities, theology and philosophy provides a foundation for clinical reasoning in providing nursing care and supporting the healing process.

**Credits** 6

**Course ID**

007403

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[NURS 2642](#) Requisites: Student Group NURS; Corequisite: [NURS 2342](#)

**NURS 304V : Professional Writing in Nursing**

This course will introduce students to information literacy and professional writing skills utilized in advanced nursing roles.

**Credits** 1

-3

**Course ID**

008931

**Grading Basis**

Pass/Fail Option

**Course Component**

Lecture

**NURS 3250 : Clinical Inquiry/EBP/Informatics**

This two-hour credit course introduces students to the basic concepts related to the nursing research process, evidence-based practice, and quality improvement initiatives that promote holistic nursing. The emphasis will be placed on the appraisal and application of nursing research evidence in theory-guided holistic evidence-based nursing practice environments.

**Credits** 2

**Course ID**

009298

**Grading Basis**

Graded

**Course Component**

Clinical

**Requisites**

[NURS 3250](#) Prerequisites: [NURS 2343](#), 2344, 2342, 2642, 3351, 3651

**Semester Offered**

Fall and spring semesters

**NURS 3252 : Clinical Inquiry**

Introduces students to the basic concepts related to nursing research process, evidence-based practice, and quality improvement initiatives to promote holistic nursing. The emphasis will be placed on the appraisal and application of nursing research evidence in theory-guided holistic evidence-based practice environments.

**Credits** 2

**Course ID**

008070

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[NURS 3252](#) Prerequisites: [NURS 2642](#) and 2342.

**NURS 3270 : Clinical Inquiry/EBP/Informatics**

Introduces students to the basic concepts related to nursing research process, evidence-based practice, and quality improvement initiatives to promote holistic nursing. The emphasis will be placed on the appraisal and application of nursing research evidence in theory-guided holistic evidence-based practice environments.

**Credits** 2

**Course ID**

008757

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

NURS ABSN Sem I Prerequisites: ABSN/PABSN/TABSN Subplan

**NURS 3302 : Clinical Conversations in Spanish**

This course focuses on providing participants with the knowledge of the basic structures of the Spanish language, and the specialized medical vocabulary needed to communicate effectively with Spanish-speaking patients in a variety of health care situations.

**Credits** 3

**Course ID**

008810

**Grading Basis**

Graded

**Course Component**

Lecture

**NURS 3343 : Nursing Pharmacology**

This course emphasizes integration and application of pharmacologic concepts to nursing practice. It is designed to provide a foundation of pharmacologic principles that will guide students in their analysis and evaluation of selected disease processes and related treatment.

**Credits** 3

**Course ID**

009374

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

BSN Prerequisite: Must be in BSN Program to enroll in this course.

**Semester Offered**

Fall and spring semesters

**NURS 3344 : Nursing Pathophysiology**

This course emphasizes integration and application of common pathophysiologic concepts encountered in nursing practice. It is designed to provide a foundation of pathophysiological principles that will guide students in their analysis and evaluation of selected disease processes.

**Credits** 3

**Course ID**

009375

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

BSN Prerequisite: Must be in BSN Program to enroll in this course.

**Semester Offered**

Fall and spring semesters



**NURS 3351 : Art and Science of Holistic Nursing**

This three-credit course (3 theory) introduces students to the complementary nature of nursing art and science through exploration of the healing philosophy and framework for nursing practice. Emphasis will be placed on nursing theory as a vehicle for exploring the relationships between the central concepts of person, environment, health and nursing and the relevance of nursing theory to holistic nursing practice.

**Credits** 3

**Course ID**

007410

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[NURS 3351](#) Requisites: Student Group NURS; Prerequisites: [NURS 2642](#)

**NURS 3354 : Holistic Nursing:Caring for the Community**

This three-credit course introduces students to the community as the focus for nursing care and is grounded in the university philosophy that nursing is a healing ministry. Emphasis will be placed on application of the holistic nursing process to assessment of the health needs of culturally diverse communities and interventions designed to promote healing of communities, particularly for vulnerable populations.

**Credits** 3

**Course ID**

007402

**Grading Basis**

Graded

**Course Component**

Practicum

**Requisites**

[NURS 3354](#) Requisites: Student Group NURS; Prerequisites: [NURS 2642](#)

**NURS 3370 : Nursing Pharmacology**

This course emphasizes integration and application of pharmacologic concepts to nursing practice. It is designed to provide a foundation of pharmacologic principles that will guide students in their analysis and evaluation of selected disease processes and related treatment.

**Credits** 3

**Course ID**

009372

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall, spring, summer semesters

**NURS 3371 : Art and Science of Holistic Nursing**

This three-credit course (3 theory) introduces students to the complementary nature of nursing art and science through exploration of the healing philosophy and framework for nursing practice. Emphasis will be placed on nursing theory as a vehicle for exploring the relationships between the central concepts of person, environment, health and nursing and the relevance of nursing theory to holistic nursing practice.

**Credits** 3

**Course ID**

008759

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

NURS ABSN Sem I Prerequisites: ABSN/PABSN/TABSN Subplan

**NURS 3372 : Nursing Pathophysiology**

This course emphasizes integration and application of common pathophysiologic concepts encountered in nursing practice. It is designed to provide a foundation of pathophysiological principles that will guide students in their analysis and evaluation of selected disease processes.

**Credits** 3

**Course ID**

009373

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

SP/SU

**NURS 3375 : Holistic Nursing:Caring for the Community**

This three-credit course introduces students to the community as the focus for nursing care and is grounded in the university philosophy that nursing is a healing ministry. Emphasis will be placed on application of the holistic nursing process to assessment of the health needs of culturally diverse communities and interventions designed to promote healing of communities, particularly for vulnerable populations.

**Credits** 3

**Course ID**

008766

**Grading Basis**

Graded

**Course Component**

Practicum

**Requisites**

NURS ABSN Sem III Co-requisites: ABSN/TABSN Subplan and all semester II NURS courses (3672, 3573, 3574, 4371).

**NURS 3391 : Nursing Externship**

This three-credit elective course provides students the opportunity to participate as a member of an international community of practice, focusing on the development of clinical reasoning, service learning, and professional development with the support of faculty and role models from the selected community of practice. Nursing as a profession is rooted in the belief that it is a spiritual calling committed to healing on a global level to matter where care is delivered. Nursing focuses on creating the conditions and relationships necessary for healing to occur by caring for the patient's body, mind, and spirit in a culturally diverse setting. Study abroad trips to selected countries provide an opportunity for nursing students to partner with international health care providers to deliver healthcare and community services in regions of the world. Students will participate in pre-training and debriefing sessions. This course provides a doorway of opportunity for study abroad externships and nursing research collaboration.

**Credits** 3

**Course ID**

007409

**Grading Basis**

Graded

**Course Component**

Practicum

**Requisites**

[NURS 3391](#) Requisites: Student Group NURS; Prerequisites: [NURS 2342](#), 2642, 3352

**NURS 3552 : Holistic Nursing: Care of Children and Families**

This five-credit course focuses on the care of the child in the family from a holistic nursing perspective and is grounded in the university philosophy that nursing is a caring ministry. Developmental and nursing theories provide theoretical foundations for clinical reasoning in providing nursing care to children from infancy through adolescence.

**Credits** 5

**Course ID**

007412

**Grading Basis**

Graded

**Course Component**

Practicum

**Requisites**

[NURS 3552](#) Requisites: Student Group NURS; Prerequisites: [NURS 2342](#), 2642

**NURS 3553 : Holistic Nursing: Care of the Childbearing Family**

This five-credit course focuses on the care of the childbearing family from a holistic nursing perspective and is grounded in the university philosophy that nursing is a caring ministry. A conceptual framework, derived from nursing science, life, behavioral and social sciences, humanities, theology and philosophy provides a foundation for clinical reasoning in providing family-centered holistic nursing care for women and their families throughout the childbearing process.

**Credits** 5

**Course ID**

007408

**Grading Basis**

Graded

**Course Component**

Practicum

**Requisites**

[NURS 3553](#) Requisites: Student Group NURS; Prerequisites: [NURS 2342](#), 2642

**NURS 3573 : Holistic Nursing: Care of the Childbearing Family**

This five-credit course focuses on the care of the childbearing family from a holistic nursing perspective and is grounded in the university philosophy that nursing is a caring ministry. A conceptual framework, derived from nursing science, life, behavioral and social sciences, humanities, theology and philosophy provides a foundation for clinical reasoning in providing family-centered holistic nursing care for women and their families throughout the childbearing process.

**Credits** 5

**Course ID**

008761

**Grading Basis**

Graded

**Course Component**

Practicum

**Requisites**

NURS ABSN Sem II Co-requisites: ABSN/TABSN Subplan and all semester I NURS courses (3370, 3372, 2372, 3270, 4670, and 3371).

**NURS 3574 : Holistic Nursing: Care of Children and Families**

This five-credit course focuses on the care of the child in the family from a holistic nursing perspective and is grounded in the university philosophy that nursing is a caring ministry. Developmental and nursing theories provide theoretical foundations for clinical reasoning in providing nursing care to children from infancy through adolescence.

**Credits** 5

**Course ID**

008762

**Grading Basis**

Graded

**Course Component**

Practicum

**Requisites**

NURS ABSN Sem II Co-requisites: ABSN/TABSN Subplan and all semester I NURS courses (3370, 3372, 2372, 3270, 4670, and 3371).

**NURS 3651 : Holistic Nursing: Care of Adults and Older Adults**

This six-credit course focuses on the care of the adult experiencing health alterations from a holistic nursing perspective and is grounded in the university philosophy that nursing is a healing ministry focused on body, mind, and spirit. A conceptual framework derived from nursing science, life, behavioral and social sciences, humanities, theology and philosophy provides a foundation for clinical reasoning in providing nursing care and supporting the healing process for adults and their families experiencing a range of alterations along the wellness-illness continuum.

**Credits** 6

**Course ID**

008032

**Grading Basis**

Graded

**Course Component**

Practicum

**Requisites**

NURS 3551 Requisites: Student Group NURS; Prerequisites: [NURS 2642](#)

**NURS 3672 : Holistic Nursing: Care of Adults and Older Adults**

This six-credit course focuses on the care of the adult experiencing health alterations from a holistic nursing perspective and is grounded in the university philosophy that nursing is a healing ministry focused on body, mind, and spirit. A conceptual framework derived from nursing science, life, behavioral and social sciences, humanities, theology and philosophy provides a foundation for clinical reasoning in providing nursing care and supporting the healing process for adults and their families experiencing a range of alterations along the wellness-illness continuum.

**Credits** 6

**Course ID**

008760

**Grading Basis**

Graded

**Course Component**

Practicum

**Requisites**

NURS ABSN Sem II Co-requisites: ABSN/TABSN Subplan and all semester I NURS courses (3370, 3372, 2372, 3270, 4670, and 3371).

**NURS 4191 : Internship in Nursing**

Practicum or on-the-job experience under guidance of practicing specialists in the nursing field. Focusing on the development of clinical reasoning, service learning, and professional development with the support of faculty. To be supervised individually by a department faculty member with the approval of the chair.

**Credits** 1

**Course ID**

009347

**Grading Basis**

Graded

**Course Component**

Internship

**NURS 4192 : Directed Reading/Independent Study in Nursing**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty.

**Credits** 1

**Course ID**

007495

**Grading Basis**

Graded

**Course Component**

Independent Study

**NURS 4250 : The Art and Science of Holistic Nursing**

This three-credit course introduces students to the complementary nature of nursing art and science through exploration of a healing philosophy and framework for nursing practice. Emphasis will be placed on nursing theory as a vehicle for exploring the relationships between the central concepts of person, environment, health and nursing, and the relevance of nursing theory to holistic nursing practice.

**Credits** 2

**Course ID**

008815

**Grading Basis**

Graded

**Course Component**

Lecture

**NURS 4251 : Nursing Informatics**

This two-credit course introduces students to basic concepts and tools associated with the structure, management, and communication of information to support the role of the nurse as a knowledge worker. Emphasis will be placed on use of clinical information systems, electronic health records and telecommunication technologies in nursing. This is a fully online course.

**Credits** 2

**Course ID**

008072

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

NURS Course Prerequisite: Student Group NURS

**NURS 4255 : Clinical Inquiry**

This course introduces students to the basic concepts related to the nursing research process, evidence based practice, and quality improvement initiatives that promote holistic nursing. The emphasis will be placed on the appraisal and application of nursing research evidence in theory-guided holistic evidence-based nursing practice environments.

**Credits** 2

**Course ID**

008816

**Grading Basis**

Graded

**Course Component**

Lecture

**NURS 4342 : Foundations of Holistic Nursing Practice For RNs**

This course focuses on foundational concepts, processes and skills related to the provision of holistic nursing care. Learning experiences will be grounded in the university philosophy that nursing is a healing ministry focused on body, mind and spirit. A conceptual framework derived from nursing science, life, behavioral and social sciences, humanities, theology and philosophy provides a foundation for exploration of the nurse's role in creating the conditions and relationships that support the healing process.

**Credits** 3

**Course ID**

008812

**Grading Basis**

Graded

**Course Component**

Lecture

**NURS 4356 : Holistic Nursing: Foundation for Clinical Leadership**

This three-credit course focuses on the knowledge, skills and abilities the baccalaureate-prepared nurse uses to provide clinical leadership in creating the conditions and relationships that facilitate healing. Emphasis will be placed on effective clinical management of patient populations, nursing service systems, quality and safety functions, policy implementation and practice advocacy.

**Credits** 3

**Course ID**

007407

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[NURS 4356](#) Requisites: Student Group NURS; Prerequisites: [NURS 4653](#); Corequisites: [NURS 4655](#)

**NURS 4357 : Holistic Nursing: Caring for the Community**

This course introduces students to the community as the focus for nursing care and is grounded in the University philosophy that nursing is a healing ministry. Emphasis will be placed on application of the holistic nursing process to assessment of the health needs of culturally diverse communities and interventions designed to promote healing of communities, particularly for vulnerable populations.

**Credits** 3

**Course ID**

008813

**Grading Basis**

Graded

**Course Component**

Lecture

**NURS 4358 : Holistic Nursing: Foundation for Clinical Leadership**

This course focuses on the knowledge, skills and abilities the baccalaureate-prepared nurse uses to provide clinical leadership in creating the conditions and relationships that facilitate healing. Emphasis will be placed on effective clinical management of patient populations, nursing service systems, quality and safety functions, policy implementation and practice advocacy.

**Credits** 3

**Course ID**

008814

**Grading Basis**

Graded

**Course Component**

Lecture

**NURS 4359 : Transition to Advanced Professional Roles**

This capstone course will focus on application of holistic nursing principles to the assessment of the clinical setting as a healing environment and proposal of a plan for enhancement of the setting's healing potential.

**Credits** 3

**Course ID**

008817

**Grading Basis**

Graded

**Course Component**

Lecture

**NURS 4371 : Holistic Nursing: Foundation for Clinical Leadership**

This three-credit course focuses on the knowledge, skills and abilities the baccalaureate-prepared nurse uses to provide clinical leadership in creating the conditions and relationships that facilitate healing. Emphasis will be placed on effective clinical management of patient populations, nursing service systems, quality and safety functions, policy implementation and practice advocacy.

**Credits** 3

**Course ID**

008763

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

NURS ABSN Sem II Co-requisites: ABSN/TABSN Subplan and all semester I NURS courses (3370, 3372, 2372, 3270, 4670, and 3371).



**NURS 4391 : Internship in Nursing**

Practicum or on-the-job experience under guidance of practicing specialists in the nursing field. Focusing on the development of clinical reasoning, service learning, and professional development with the support of faculty. To be supervised individually by a department faculty member with the approval of the chair.

**Credits** 3

**Course ID**

009301

**Grading Basis**

Graded

**Course Component**

Practicum

**Semester Offered**

Fall, spring, summer semesters

**NURS 4552 : Holistic Nursing: Behavioral Health**

This five-credit course focuses on the care of individuals experiencing alterations in emotional/behavioral health from a holistic nursing perspective and is grounded in the university philosophy that nursing is a healing ministry focused on body, mind and spirit. A conceptual framework derived from nursing science, life, behavioral and social sciences, humanities, theology and philosophy provides a foundation for clinical reasoning in providing nursing care and supporting the healing process for individuals and their families experiencing a range of alterations in emotional/behavioral health along the wellness-illness continuum.

**Credits** 5

**Course ID**

007411

**Grading Basis**

Graded

**Course Component**

Practicum

**Requisites**

[NURS 4552](#) Requisites: Student Group NURS; Prerequisites: [NURS 2342](#), 2542, 3651, 3552

**NURS 4552 : Holistic Nursing: Behavioral Health**

This five-credit course focuses on the care of individuals experiencing alterations in emotional/behavioral health from a holistic nursing perspective and is grounded in the university philosophy that nursing is a healing ministry focused on body, mind and spirit. A conceptual framework derived from nursing science, life, behavioral and social sciences, humanities, theology and philosophy provides a foundation for clinical reasoning in providing nursing care and supporting the healing process for individuals and their families experiencing a range of alterations in emotional/behavioral health along the wellness-illness continuum.

**Credits** 5

**Grading Basis**

Graded

**Course Component**

Practicum

**Requisites**

[NURS 4552](#) Requisites: Student Group NURS; Prerequisites: [NURS 2342](#), 2542, 3651, 3552

**NURS 4572 : Holistic Nursing: Behavioral Health**

This five-credit course focuses on the care of individuals experiencing alterations in emotional/behavioral health from a holistic nursing perspective and is grounded in the university philosophy that nursing is a healing ministry focused on body, mind and spirit. A conceptual framework derived from nursing science, life, behavioral and social sciences, humanities, theology and philosophy provides a foundation for clinical reasoning in providing nursing care and supporting the healing process for individuals and their families experiencing a range of alterations in emotional/behavioral health along the wellness-illness continuum.

**Credits** 5

**Course ID**

008764

**Grading Basis**

Graded

**Course Component**

Practicum

**Requisites**

NURS ABSN Sem III Co-requisites: ABSN/TABSN Subplan and all semester II NURS courses (3672, 3573, 3574, 4371).

**NURS 4574 : Transition to Holistic Nursing Practice**

The six-credit course provides the nursing student the opportunity to refine competencies in the delivery of holistic nursing care in a chosen clinical setting with the guidance of a clinical preceptor. Students will apply holistic nursing principles to the assessment of the clinical setting as a healing environment and propose a plan for enhancement of the setting's healing potential.

**Credits** 5

**Course ID**

008767

**Grading Basis**

Graded

**Course Component**

Internship

**Requisites**

NURS ABSN Sem III Co-requisites: ABSN/TABSN Subplan and all semester II NURS courses (3672, 3573, 3574, 4371).

**NURS 4653 : Holistic Nursing: Care of the Critically Ill**

This six-credit course focuses on the care of individuals experiencing critical/life-threatening health alterations from a holistic nursing perspective and is grounded in the University philosophy that nursing is a healing ministry focused on body, mind and spirit. A conceptual framework derived from nursing science, life, behavioral and social sciences, humanities, theology and philosophy provides a foundation for clinical reasoning in providing nursing care and supporting the healing process for individuals across the lifespan who are experiencing critical illness and their families.

**Credits** 6

**Course ID**

007401

**Grading Basis**

Graded

**Course Component**

Practicum

**Requisites**

[NURS 4653](#) Requisites: Student Group NURS; Prerequisites: [NURS 2342](#), 2542, 3561, 3552, 3553, 3352

**NURS 4653 : Holistic Nursing: Care of the Critically Ill**

This six-credit course focuses on the care of individuals experiencing critical/life-threatening health alterations from a holistic nursing perspective and is grounded in the University philosophy that nursing is a healing ministry focused on body, mind and spirit. A conceptual framework derived from nursing science, life, behavioral and social sciences, humanities, theology and philosophy provides a foundation for clinical reasoning in providing nursing care and supporting the healing process for individuals across the lifespan who are experiencing critical illness and their families.

**Credits** 6

**Grading Basis**

Graded

**Course Component**

Practicum

**Requisites**

[NURS 4653](#) Requisites: Student Group NURS; Prerequisites: [NURS 2342](#), 2542, 3561, 3552, 3553, 3352

**NURS 4655 : Transition to Holistic Nursing Practice**

The six-credit course provides the nursing student the opportunity to refine competencies in the delivery of holistic nursing care in a chosen clinical setting with the guidance of a clinical preceptor. Students will apply holistic nursing principles to the assessment of the clinical setting as a healing environment and propose a plan for enhancement of the setting's healing potential.

**Credits** 6

**Course ID**

007482

**Grading Basis**

Graded

**Course Component**

Internship

**Requisites**

[NURS 4655](#) Requisites: Student Group NURS; Prerequisites: [NURS 4653](#); Corequisites: [NURS 4356](#)

**NURS 4670 : Foundations of Holistic Nursing Practice**

This six-credit course introduces students to foundation concepts, processes and skills related to the provision of holistic nursing care of the individual experiencing health alterations. Learning experiences will be grounded in the university philosophy that nursing is a healing ministry focused on body, mind and spirit. A conceptual framework derived from nursing science, life, behavioral and social sciences, humanities, theology and philosophy provides a foundation for clinical reasoning in providing nursing care and supporting the healing process.

**Credits** 6

**Course ID**

008758

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[NURS 4670](#) Co-requisites: ABSN Subplan and [NURS 2372](#)

**NURS 4673 : Holistic Nursing: Care of the Critically Ill**

This six-credit course focuses on the care of individuals experiencing critical/life-threatening health alterations from a holistic nursing perspective and is grounded in the University philosophy that nursing is a healing ministry focused on body, mind and spirit. A conceptual framework derived from nursing science, life, behavioral and social sciences, humanities, theology and philosophy provides a foundation for clinical reasoning in providing nursing care and supporting the healing process for individuals across the lifespan who are experiencing critical illness and their families.

**Credits** 6

**Course ID**

008765

**Grading Basis**

Graded

**Course Component**

Practicum

**Requisites**

NURS ABSN Sem III Co-requisites: ABSN/TABSN Subplan and all semester II NURS courses (3672, 3573, 3574, 4371).

## AAS Communication

**ACOM 1350 : Basics of Writing**

Students will learn and produce professional documents that reflect their ability to research, organize and present their ideas. Students will learn all the steps required to build a professional document as well as all of the techniques needed to produce such documents.

**Credits** 3

**Course ID**

008629

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**ACOM 2300 : Writing for Work**

This course will develop students' professional writing skills. Students will complete writing assignments which are designed to help the student present technical and professional concepts through research, format and effective organization of ideas.

**Credits** 3

**Course ID**

008631

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**ACOM 2305 : Effective Communication**

This course allows student to examine their own communication strategies and styles and discover why some techniques work. They will learn through various assignments how to achieve effective and professional communication through all avenues: social media, oral, written, inter-personal, etc. This class culminates in the creation of a personal action plan for successful future communications.

**Credits** 3

**Course ID**

008632

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

## AAS Mathematics

**AMAT 1300 : Foundations of Mathematics I**

This course focuses on developing analytical and problem-solving skills by having students solve logical problems. Topics include fundamental mathematical concepts, including quadratic, polynomial and radical equations, linear functions and their graphs, systems of linear equations, and functions and their properties. Activities include solving problems and using appropriate technological tools.

**Credits** 3

**Course ID**

008627

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**AMAT 1355 : Foundations of Mathematics II**

This course focuses on developing analytical and problem-solving skills by having students solve logical problems. Topics include systems of equations, matrices, probability, and trigonometry. Activities include solving problems and using appropriate technological tools.

**Credits** 3

**Course ID**

008630

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

# AAS Physics

## **APHY 1305 : Fundamentals of Physics**

The study of Engineering requires a strong foundation of Physics. Knowledge of Physics is indispensable for the students of electronics technology. This course provides an insight into several important concepts of Physics such as electric charges, electric fields, alternating current, induction, inductance, Coulomb's law, Ohm's law, electromagnetism, capacitance, and magnetism that are fundamentals to the study of electronics. The course also introduces the concepts of serial and parallel circuits, electric instruments, generators, and motors that will be covered in detail in the electronics courses that follow.

**Credits** 3

**Course ID**

008628

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

# AAS University Course

## **AUNI 1300 : College Foundations**

This course helps students transition to an academic environment. In this course, students will examine foundational skills including time management, study skills, conducting and documenting research, communicating professionally, and demonstrating digital literacy. In addition, student will use critical thinking to identify components of and approaches to solving problems.

**Credits** 3

**Course ID**

008633

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**AUNI 2310 : Working with Diverse Groups**

Network professionals work with different groups of people, hence understanding of group dynamics becomes critical for success. This course helps students develop analytical and critical thinking skills required for working with groups. It also examines the problem solving and decision-making techniques that are required while working in teams.

**Credits** 3

**Course ID**

008635

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**AUNI 2398 : Capstone**

**Credits** 3

**Course ID**

009362

**Grading Basis**

Graded

**Course Component**

Applied Studies

## Cyber Security

**ACYB 2300 : Risk Management and IT Security**

This course explores the roles of risk management in ensuring the security of information systems. Areas of study include standards, policies, best practices, and compliance laws for risk management. The course discusses methods of assessing, analyzing, and managing risks. Further, it discusses how to create a business continuity plan, disaster recovery plan, and computer incident response team plan for a given scenario within an organization.

**Credits** 3

**Course ID**

008636

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**ACYB 2305 : Network Communications Infrastructure and Technology**

This course explores computer networking and telecommunications technologies. Students analyze the performance, management, and security challenges associated with network communications infrastructure through voice, data, and video applications.

**Credits** 3

**Course ID**

008637

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**ACYB 2350 : Capstone Project**

This course helps students to integrate and apply the knowledge acquired in the program to solve a comprehensive project. The course includes steps to design, manage, and implement a capstone project that will enable analysis and problem-solving skills. The students get an opportunity to work in teams, and apply the concepts learned in resolving the given business problem.

**Credits** 3

**Course ID**

008638

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ACYB 2350](#) Prerequisites: [ANET 2350](#); 45+ hours completed in program.

**Semester Offered**

Fall and spring semesters

## Drug/Alcohol Abuse Counseling

**DAAC 1300 : Mental Health, Ethics, and Addiction**

Students will obtain an overview of: abused substances and addictions; the addiction field, including treatment approaches and modalities; theoretical models applied to understanding abuse and addictions; trends in alcohol and other drug (AOD) use, abuse, addiction and treatment.

**Credits** 3

**Course ID**

008860

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall semester



**DAAC 1301 : Introduction to Helping Professions**

Students are exposed to the generic components of helping across various healthcare settings. This course enables students to examine in depth their personal fitness for pursuing a career as a professional helper. It also provides a background for specialized study in each specialization area.

**Credits** 3

**Course ID**

009489

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**DAAC 1305 : Theory and Treatment**

This course offers an introduction to addiction theories and treatment models and methods. Students will learn how to conduct assessment for and diagnosis of substance abuse and addiction disorders, the effects of substances and addictions on the client and others, etiology of substance use concerns, and best practices in counseling and treatment.

**Credits** 3

**Course ID**

008861

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall semester

**DAAC 1310 : Individual Counseling Skills**

This course will provide an introduction to the helping relationship, especially as it relates to counseling. Students will be challenged to consider their motivations, needs, and goals related to the art of helping. Students will engage in a community service learning project as part of exploring the nature of the helping relationship. Students will also be introduced to basic attitudes, dispositions, and skills needed for helping relationships and counseling.

**Credits** 3

**Course ID**

008862

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**DAAC 1315 : Multicultural Counseling**

This course introduces students to the study of cultural patterns, including multiple dimensions of difference. Theories of multicultural counseling, identity development and social justice are addressed. The roles of counselors and other professional helpers in eliminating oppression and promoting the dignity of all persons are addressed.

**Credits** 3

**Course ID**

008858

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall semester

**DAAC 1319 : Substance-Related and Addictive Disorders**

Students learn about specific addictions and their respective treatment. Students also learn the causes and consequences of substance related and addictive disorders and the major drug classifications. Students will learn about both chemical and behavioral addictions.

**Credits** 3

**Course ID**

009488

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**DAAC 1320 : Ethics in Addiction Counseling**

This course provides an exploration of the legal, ethical and professional choices faced by mental health practitioners. Introduces the standards of ethical behavior in the addiction counseling field, with particular emphasis on client confidentiality and ethical decision-making.

**Credits** 3

**Course ID**

009084

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**DAAC 1325 : Group and Family Counseling**

This course provides counselors with an overview of the processes and theories involved with counseling groups and families. More specifically, the focus is on preparing students to think systemically and to learn about group and family concepts, dynamics, theories and techniques.

**Credits** 3

**Course ID**

009085

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**DAAC 1330 : Documentation and Records**

An introduction to clinical documentation and record-keeping. Specific attention will be paid to session and treatment plan documentation requirements of mental health professionals.

**Credits** 3

**Course ID**

009086

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**DAAC 1331 : Professional Communication in Counseling**

Students in this course will learn basic principles of professional writing and communication as it relates to the field of substance abuse counseling. Students will demonstrate knowledge of professional writing and speaking through experiential activities including evaluating and writing academic papers, implementation of APA principles, and using professional writing techniques to communicate effectively, and presentation.

**Credits** 3

**Course ID**

009300

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall semester

**DAAC 1342 : Abnormal Behavior**

Students explore and identify maladaptive behavior including characteristics, classifications, diagnoses, and treatment modalities. Topics include factors associated with defining and identifying abnormal behavior.

**Credits** 3

**Course ID**

009490

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**DAAC 2300 : Neuroscience and Psychopath**

This course will investigate a broad range of addictions including psychoactive substances (eg. alcohol, opioids, stimulants, etc.) and process addictions (eg. gambling, internet gaming). The complex biopsychosocial disease process of addiction will be investigated. There will be emphasis on the physiological brain responses and health consequences of substance use disorders. Students will learn how to apply the criteria for diagnosis of substance use disorders.

**Credits** 3

**Course ID**

008863

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Spring semester

**DAAC 2305 : Advocacy and Social Justice**

The focus of this course will be on the social reality of drug use and drug users within contemporary society. It will include a historical analysis of the social construction of drug use, drug users, abuse, and addiction. The content will also include an investigation of the complex relationships between individual and group behavior, and social structure. Central concepts such as social learning, labeling, power, and inequality, as well as socio-cultural definitions of drugs, behavior, and the people who use drugs will be used. Special attention will be given to the complex legal history surrounding drug use, the link between drugs and crime, the impact of the medicalization of human behavior, and varying perspectives.

**Credits** 3

**Course ID**

008864

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Spring semester

**DAAC 2310 : Practicum**

This course offers a practicum experience of 150 or more clock hours. The course engages the student in group supervision to accompany a clinical field placement. Written and oral presentations accompanied by audio and video recordings form the basis of the supervisory process.

**Credits** 3

**Course ID**

008865

**Grading Basis**

Graded

**Course Component**

Practicum

**Semester Offered**

Spring semester

**DAAC 2315 : Psychopharmacology & Assessment of Addiction**

Students in this course will explore various types of substances abused, including psychological and physiological impact, tolerance, withdrawal, and drug interactions. Students will also explore diagnosis criteria for various addictions, including the assessment and screening available for addictions.

**Credits** 3

**Course ID**

009087

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[DAAC 2315](#) Prerequisite: [DAAC 1305](#)

**Semester Offered**

Spring semester

**DAAC 2320 : Crisis Intervention**

An examination of diverse crisis situations and the assessment and treatment strategies used by counselors to assist individuals, groups and organizations manage and resolve those crises.

**Credits** 3

**Course ID**

009088

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**DAAC 2325 : Advanced Practicum**

This course offers a practicum experience of 150 or more clock hours. The course engages the student in group supervision to accompany a clinical field placement. Written and oral presentations accompanied by audio and video recordings form the basis of the supervisory process.

**Credits** 3

**Course ID**

009089

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**DAAC 2340 : Social Work Internship**

Students engage in a supervised field education experience of at least 150 hours in an approved agency appropriate to human service. Students integrate classroom knowledge, values, and ethics with practice, with the goal of increasing practical skills and promoting professional competence in the field of human service.

**Credits** 3

**Course ID**

009491

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

## Electronic Technology

**AEEG 1300 : AC Circuits**

This course explains the attributes and functions of electronic systems and circuits. The course discusses AC circuits, frequency, electromagnetism, capacitance, transformers, and voltage. The course also exposes students to constructing, examining, and troubleshooting circuits.

**Credits** 3

**Course ID**

008618

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**AEEG 1301 : DC Circuits**

This course discusses DC circuits, measurement of voltage and resistance, analysis of various circuit configurations, and electromagnetics. The course exposes students to constructing, examining, and troubleshooting DC circuits.

**Credits** 3

**Course ID**

008700

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**AEEG 1305 : Fundamentals of Digital Signals**

This course discusses the differences between analog and digital signals, and the conversion between them. It discusses number systems, binary data, Boolean logic, Boolean equations, truth tables, logic gates, logic circuits, decoders, counters, flip-flops, and registers. The course also exposes students to drawing, simulating, and breadboarding basic combinational and sequential logic circuits.

**Credits** 3

**Course ID**

008619

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[AEEG 1305](#) Prerequisites: [AEEG 1300](#), 1301; Corequisites: [AMAT 1300](#)

**Semester Offered**

Fall and spring semesters

**AEEG 1310 : Structure and Functions of Electronic Devices**

This course discusses the structure and functions of a range of electronic devices, such as semiconductors, diodes, transistors, and amplifiers. The course also discusses bias circuits and switching applications. Further, the course provides students exercises on examining circuits and troubleshooting a power supply.

**Credits** 3

**Course ID**

008620

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[AEEG 1310](#) Prerequisites: [AEEG 1300](#), 1301

**Semester Offered**

Fall and spring semesters

**AEEG 1315 : Introduction to Integrated Circuits**

This course discusses the basic concepts of integrated circuits and compares them with discrete circuits. It explains the configurations and functions of operational amplifiers, timers, and voltage regulators. The course also provides students exercises on building, evaluating, and troubleshooting op-amp circuits.

**Credits** 3

**Course ID**

008621

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[AEEG 1315](#) Prerequisites: [AEEG 1310](#)

**Semester Offered**

Fall and spring semesters

**AEEG 1350 : Principles of Electronic Communication**

This course discusses the concepts and principles of electronic communications. Topics covered include electromagnetic frequency, frequency bands, spectrum, modulation, antennas, digital data, transmission lines and loads, fiber optics, and government services. The course also provides students exercises on diagramming modern transmitter and receiver components, plotting impedances, and making line and load conversions.

**Credits** 3

**Course ID**

008622

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[AEEG 1350](#) Prerequisites: [AEEG 1315](#), 1305; [AMAT 1355](#)

**Semester Offered**

Fall and spring semesters



**AEEG 1360 : Microcontrollers**

This course covers the fundamentals of computer programming using the C programming language. It exposes students to the creation, assembly, and programming, of microcontrollers and microprocessors. The course introduces students to contemporary microprocessor and microcontroller product applications and provides them an opportunity to perform exercises in planning, designing, implementing, and debugging microcontrollers.

**Credits** 3

**Course ID**

008623

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[AEEG 1360](#) Prerequisites: [AEEG 1305](#), 1315

**Semester Offered**

Fall and spring semesters

**AEEG 2305 : PLC System**

This course exposes students to the requirements for installing, interfacing, troubleshooting, and maintaining a PLC system. The course also covers components and operations of a PLC system, I/O addressing, PLC scan sequence, ladder schematics, sensors, actuators, controls, timers, counters, sequencers, shift registers, and data manipulation methods. During this course, students are also required to work on a PLC project.

**Credits** 3

**Course ID**

008625

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[AEEG 2305](#) Prerequisites: [AEEG 1305](#), 1315

**Semester Offered**

Fall and spring semesters

**AEEG 2310 : Capstone Project**

The final capstone project provides the students with an opportunity to apply the concepts learnt in previous courses while working on an electronics project. The project provides the students design experience, and requires them to practice problem solving, teamwork, documentation, presentation, and project management skills.

**Credits** 3

**Course ID**

008626

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[AEEG 2310](#) Prerequisites: [AEEG 1360](#); 45+ hours completed in program.

**Semester Offered**

Fall and spring semesters

## Exceptionality

**AEXC 1300 : Computer Applications & Communication in the Workplace**

This course develops basic skills in touch keyboarding and data entry for personal and workplace use (Microsoft Word, PowerPoint, Excel, Outlook, Photoshop, and basic publishing applications).

**Credits** 3

**Course ID**

008897

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

AEXC Prerequisite: Student must be in the Pragmatic Studies Program to take this course.

**AEXC 1305 : Nutrition, Health, & Fitness**

This course examines the concept of a balanced diet, exercise and health, wellness and food safety. Nutritional models are presented to allow the student to understand and develop personal health and wellness practices that lead to a healthy lifestyle.

**Credits** 3

**Course ID**

008898

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

AEXC Prerequisite: Student must be in the Pragmatic Studies Program to take this course.

**AEXC 1310 : Political Structures in America**

This course examines the structures and functions of government that shape American politics including political parties, interest groups, and elections. The course also examines laws and the rights and responsibilities of citizenship and analyzes the multiple histories, cultures, perspectives, contributions and/or struggles of various peoples, with focus on people with disabilities.

**Credits** 3

**Course ID**

008899

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

AEXC Prerequisite: Student must be in the Pragmatic Studies Program to take this course.

**AEXC 1315 : Social Media & Virtual Communication**

This course develops communication skills applicable to the workplace including the use of social media and other technology/ computer platforms so that students understand the use and implications of social media, utilize email skills for the workplace appropriately, and exhibit interview skills to prepare for future opportunities. The course also identifies the critical features of an online posting and how to proceed with securing a desired work opportunity.

**Credits** 3

**Course ID**

008900

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

AEXC Prerequisite: Student must be in the Pragmatic Studies Program to take this course.

**AEXC 1320 : Academic Strategies**

This is a pass/fail course that presents different learning modalities and personal styles to articulate learning needs for self-advocacy. The course covers basic skills such as time management and organization. Using templates and processes for effective reading and writing practices, the course covers specific methods of note taking, actively reading, researching information, writing research papers, presenting and producing effective writing and incorporating personal learning styles for success. Academic disclosure is discussed.

**Credits** 3

**Course ID**

008901

**Grading Basis**

Pass/Fail Option

**Course Component**

Lecture

**Requisites**

AEXC Prerequisite: Student must be in the Pragmatic Studies Program to take this course.

**AEXC 1325 : Experiential Learning I**

Experiential Learning is a philosophy in which students purposefully engage in direct experience and focused reflection in order to increase knowledge, develop skills, clarify values and develop individual and communal capacity to contribute to communities as a whole. Using student interest, differing topics are explored in this course as electives. Said topics may include but are not limited to culinary arts, owning/ operating a small business, office skills, animal science/ behavior, retail, and art.

**Credits** 3

**Course ID**

008902

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

AEXC Prerequisite: Student must be in the Pragmatic Studies Program to take this course.

**AEXC 1330 : Sacred Scripture, Community Outreach, & Catholic Service**

This course is designed as an introduction to contemporary biblical studies including an in-depth study of the major world religions, their historical development, intellectual traditions, and cultural influences. The course integrates meaningful community service with instruction and reflection to enrich the learning experience, teach civic responsibility, and strengthen communities.

**Credits** 3

**Course ID**

008903

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

AEXC Prerequisite: Student must be in the Pragmatic Studies Program to take this course.

**AEXC 1335 : Personal Finance & Financial Literacy**

This course helps students develop a foundation of money management, along with the use of finance tools, and skills necessary for independent financial success by compiling a spending journal and reflecting on wants and needs that develop into a personal budget. This course covers basic financial concepts, safe practices when buying an item online, use of a credit or debit card, and using a savings account.

**Credits** 3

**Course ID**

008904

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

AEXC Prerequisite: Student must be in the Pragmatic Studies Program to take this course.

**AEXC 1340 : Social Change in America**

This course examines cases of social change to understand how and why change occurs. Students identify an issue and make a plan to initiate or continue with others toward social change in their community. This course requires 15 hours of community-based work as part of a service-learning component.

**Credits** 3

**Course ID**

008905

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

AEXC Prerequisite: Student must be in the Pragmatic Studies Program to take this course.

**AEXC 1345 : Healthy Relationships**

This course explores healthy and unhealthy relationships emphasizing strategies to maintain a healthy relationship in various environments. Disability disclosure in social situations is discussed along with conflict resolution.

**Credits** 3

**Course ID**

008906

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

AEXC Prerequisite: Student must be in the Pragmatic Studies Program to take this course.

**AEXC 1350 : Environmental Science & Healthy Living**

This course examines the dynamic nature of the physical environment and how people's interactions shape the world around us. Critical thinking and problem solving are used to determine sense of space. The course continues to build awareness of sociological systems by engaging students in the pressing issues facing our communities. Student relationships to the community are explored through the lens of service and volunteerism by identifying ways they can contribute to the environmental movement.

**Credits** 3

**Course ID**

008907

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

AEXC Prerequisite: Student must be in the Pragmatic Studies Program to take this course.

**AEXC 1355 : Enable Entrepreneurship**

The course introduces students to the process of starting and growing their own business. Students work in teams, use design and discovery thinking, combined with ideation, customer discovery process and inputs from experts to develop the value proposition and a business model for the delivery of a product or service. The course also covers conscious capital strategies including recognizing your personal and cultural values, engaging in authentic relationships with your stakeholders, learning to inspire others through conscious leadership and a connected company culture.

**Credits** 3

**Course ID**

009367

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

AEXC Prerequisite: Student must be in the Pragmatic Studies Program to take this course.

**Semester Offered**

Offered as needed

**AEXC 2300 : Criminology & Law**

This course examines the criminal justice system and the rights and responsibilities of citizens. Students explore basic knowledge of ADA, labor laws, unions, and OSHA and students investigate controversial issues in the workplace such as gender or racial discrimination through case studies, related court cases and laws and current news stories.

**Credits** 3

**Course ID**

008908

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

AEXC Prerequisite: Student must be in the Pragmatic Studies Program to take this course.

**AEXC 2305 : Biological Systems & Health**

This course explores human biology and development and includes adult lifestyles, relationships, reproduction, and healthy behavior. The course will also address modern biological concepts such as the cell, organization and diversity of life, metabolism, general physiology, and development.

**Credits** 3

**Course ID**

008909

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

AEXC Prerequisite: Student must be in the Pragmatic Studies Program to take this course.

**AEXC 2310 : Cultural Awareness**

This course increases cultural awareness both locally and globally when students reflect on their own culture and examine how cultural diffusion affects the lens in which they see the world. The course explores how culture, gender, race, politics, and religion shape our lives and the importance of diversity. This is designed to increase awareness of different types of disabilities within our community – specifically one’s own disability and when and how to disclose this information.

**Credits** 3

**Course ID**

008910

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

AEXC Prerequisite: Student must be in the Pragmatic Studies Program to take this course.

**AEXC 2315 : Communication in the Workplace**

This course examines the use of assertive language, management of conflict, solving problems, and job finding skills as they are related to being an effective communicator. Career networking is introduced. This course covers basic office skills includes filing, faxing, copying, answering telephones, and handling money and customer service skills focusing on the interaction with others.

**Credits** 3

**Course ID**

008917

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

AEXC Prerequisite: Student must be in the Pragmatic Studies Program to take this course.

**AEXC 2320 : News & Daily Living**

This course discusses the types of news and how it affects one’s daily life. The course covers the correlation between reality and representation and how various points of view enter into the elements of news and apply it to an article.

**Credits** 3

**Course ID**

008911

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

AEXC Prerequisite: Student must be in the Pragmatic Studies Program to take this course.

**AEXC 2325 : Experiential Learning II**

Experiential Learning is a philosophy in which students purposefully engage in direct experience and focused reflection in order to increase knowledge, develop skills, clarify values and develop individual and communal capacity to contribute to communities as a whole. Using student interest, differing topics are explored in this course as electives. Said topics may include but are not limited to culinary arts, owning/ operating a small business, office skills, animal science/ behavior, retail, and art.

**Credits** 3

**Course ID**

008912

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

AEXC Prerequisite: Student must be in the Pragmatic Studies Program to take this course.

**AEXC 2330 : Internship I Student Mentorship**

This course presents skills needed to participate professionally in the workforce. Students will discuss and construct a professional network, and examine and experience current interviewing styles. The course includes securing an internship site and examines and updates professional publications. Students will learn methods for advocating for ones' self in a professional environment during an interview, how to ask for accommodations, and ask for help as needed. Includes interviewing skills both in group and one-on-one situations.

**Credits** 3

**Course ID**

008913

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

AEXC Prerequisite: Student must be in the Pragmatic Studies Program to take this course.

**AEXC 2335 : Financial Health & Retirement**

In this course, students will participate in hands-on activities including creating and using their own budget and balancing accounts. Content will examine use of credit cards, money scams, and paycheck information with additional focus is on applying personal money management knowledge in real and simulated situations to improve the view and handling of money. The course also examines the benefits of using retirement tools by taking action on their financial planning today to expect a healthy financial scenario in the future.

**Credits** 3

**Course ID**

008914

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

AEXC Prerequisite: Student must be in the Pragmatic Studies Program to take this course.



**AEXC 2340 : Internship II Career Portfolio**

This course helps students develop a career portfolio based on courses taken, adding to the document throughout the program identifying personal values and strengths. The information is used to begin a career pathway setting an initial career goal and includes resumes and cover letters and professional versus personal computer use.

**Credits** 3

**Course ID**

008915

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

AEXC Prerequisite: Student must be in the Pragmatic Studies Program to take this course.

**AEXC 2345 : Public Speaking**

This course develops skills to give public and office presentations using a variety of presentation platforms.

**Credits** 3

**Course ID**

008916

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

AEXC Prerequisite: Student must be in the Pragmatic Studies Program to take this course.

**AEXC 2392 : Independent Study**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Prerequisite: Department Consent.

**Credits** 3

**Course ID**

009439

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

AEXC Prerequisite: Student must be in the Pragmatic Studies Program to take this course.

**EXCP 3310 : Emergency Management**

Evaluates the history of emergency management, the identification and assessment of hazards, risk, and vulnerability, and the four phases of emergency management (mitigation, preparedness, response, and recovery).

**Credits** 3

**Course ID**

009384

**Grading Basis**

Graded

**Course Component**

Seminar

**Requisites**

EXCP Course Prerequisites: Social Innovation and Human Service major, prior completion of AAS Degree in Pragmatic Studies.

**Semester Offered**

Fall semester

**EXCP 3315 : Law and Social Work**

Focuses on the creation and application of laws in various areas of society. Investigates the workings of the United States court system, as well as how laws are actually carried out. Addresses the intersection of law and society including the organizations and policies involved in social services delivery. Provides an overview of human functioning in the environment by studying legal frameworks and societal structures. Builds knowledge and values for practice with task groups, organizations, and communities.

**Credits** 3

**Course ID**

009385

**Grading Basis**

Graded

**Course Component**

Applied Studies

**Requisites**

EXCP Course Prerequisites: Social Innovation and Human Service major, prior completion of AAS Degree in Pragmatic Studies.

**Semester Offered**

Fall semester

**EXCP 3320 : Lead Nonprofit & Social Venture**

Teaches understanding of the nonprofit sector and the issues and major areas of responsibility that leaders face in this growing field. Addresses differences in leadership in a nonprofit environment and in the private sector. Identifies visionary leadership and the role of ethics in leadership. Examines critical real-world leadership issues confronted by nonprofit managers.

**Credits** 3

**Course ID**

009386

**Grading Basis**

Graded

**Course Component**

Research

**Requisites**

EXCP Course Prerequisites: Social Innovation and Human Service major, prior completion of AAS Degree in Pragmatic Studies.

**Semester Offered**

Spring semester

**EXCP 3325 : Social Communication**

Investigates creating safety for dialogue along with social identity as a basis for inter-group dialogue. Discusses process and power issues in dialogue, dialogue methods, and framing dialogic questions. Evaluates case studies of dialogue and teaches students how to create dialogue processes for particular contexts.

**Credits** 3

**Course ID**

009387

**Grading Basis**

Graded

**Course Component**

Applied Studies

**Requisites**

EXCP Course Prerequisites: Social Innovation and Human Service major, prior completion of AAS Degree in Pragmatic Studies.

**Semester Offered**

Spring semester

**EXCP 3330 : Introduction to Social Entrepreneurship**

Introduces students to contemporary concepts, debates, and contexts necessary for analyzing and engaging in the sphere of social entrepreneurship. Analyzes social context and stakeholders, private sector roles and motivations, organizational forms and collaborations, and measurement and impacts (private and public). Exposes students to various forms of social entrepreneurship, such as base of the pyramid/microenterprises, private-public partnerships, private-governmental partnerships, voluntary social codes, corporate social responsibility, and ethical consumerism. Examines the practice of identifying, starting and growing successful mission-driven for profit and nonprofit ventures and organizations that strive to advance social change through innovative solutions.

**Credits** 3**Course ID**

009388

**Grading Basis**

Graded

**Course Component**

Applied Studies

**Requisites**

EXCP Course Prerequisites: Social Innovation and Human Service major, prior completion of AAS Degree in Pragmatic Studies.

**Semester Offered**

Spring semester

**EXCP 3335 : Humanitarian Issues**

Survey course that addresses a range of topics including but not limited to: refugee and cross-border migration issues; practical implications of international humanitarian law; ramifications of international human rights law in crises; the interagency nature of a large-scale humanitarian response, including UN, National Governments, international NGOs and national NGOs and how to coordinate across actors; humanitarian field negotiations; humanitarian operations issues (logistics, staff security, human resources management, etc.); and emergency response design.

**Credits** 3**Course ID**

009389

**Grading Basis**

Graded

**Course Component**

Seminar

**Requisites**

EXCP Course Prerequisites: Social Innovation and Human Service major, prior completion of AAS Degree in Pragmatic Studies.

**Semester Offered**

Summer semester

**EXCP 3336 : Intro to Social Statistics**

Offers a basic introduction to the application/interpretation of statistical analysis in social context. Investigates a variety of basic statistical techniques that allow examination of interesting social questions. Evaluates methods for describing the characteristics of groups and discusses how to examine and generalize about relationships between the characteristics of groups. Emphasis is placed on the understanding/interpretation of statistics used to describe and make generalizations about group characteristics.

**Credits** 3

**Course ID**

009390

**Grading Basis**

Graded

**Course Component**

Research

**Requisites**

EXCP Course Prerequisites: Social Innovation and Human Service major, prior completion of AAS Degree in Pragmatic Studies.

**Semester Offered**

Fall semester

**EXCP 4305 : Urban Planning & Development**

Offers a basic introduction to the application/interpretation of statistical analysis in social context. Investigates a variety of basic statistical techniques that allow examination of interesting social questions. Evaluates methods for describing the characteristics of groups and discusses how to examine and generalize about relationships between the characteristics of groups. Emphasis is placed on the understanding/interpretation of statistics used to describe and make generalizations about group characteristics.

**Credits** 3

**Course ID**

009391

**Grading Basis**

Graded

**Course Component**

Seminar

**Requisites**

EXCP Course Prerequisites: Social Innovation and Human Service major, prior completion of AAS Degree in Pragmatic Studies.

**Semester Offered**

Fall semester

**EXCP 4310 : Documentary Film Making**

Provides students with a theoretical introduction into documentary film theory to develop skills and different approaches to reading documentary films that deal with social issues. Discusses and analyzes selected documentaries treating issues of social justice and civic responsibility in current and historical contexts. Students engage in practical filmmaking training with the aim of introducing students to how to visually express social issues. Using narrative inquiry as a research framework, training includes interview techniques, observation exercises, learning story construction and narrative structure, synopsis, treatment and script writing, camera using, sound recording, log writing, and film editing. Develops the art of socially engaged storytelling through documentary film. Equips students with increasingly sought after skills of understanding, producing and using media in the digital age.

**Credits** 3**Course ID**

009392

**Grading Basis**

Graded

**Course Component**

Seminar

**Requisites**

EXCP Course Prerequisites: Social Innovation and Human Service major, prior completion of AAS Degree in Pragmatic Studies.

**Semester Offered**

Fall semester

**EXCP 4315 : Nonviolent Movements**

Explores the history and dynamics of nonviolent movements. Presents the categories of specific methods of nonviolent action and some of the key theories that inform civil resistance strategies and campaigns. Addresses the themes of protest or persuasion, noncooperation, and intervention.

**Credits** 3**Course ID**

009393

**Grading Basis**

Graded

**Course Component**

Research

**Requisites**

EXCP Course Prerequisites: Social Innovation and Human Service major, prior completion of AAS Degree in Pragmatic Studies.

**Semester Offered**

Fall semester

**EXCP 4320 : Financial Plan for Nonprofits**

Examines different budgeting techniques, including fundamental issues with fundraising. Develops the ability to interpret financial accounting statements, and understand how they differ from for-profit financial reporting. Evaluates how nonprofits use marketing to publicize their mission and to gather contributions of time and money. Covers the key terminology and practices surrounding capital campaigns and the basics of grant writing as a method for raising money to fund projects and programs.

**Credits** 3

**Course ID**

009394

**Grading Basis**

Graded

**Course Component**

Applied Studies

**Requisites**

EXCP Course Prerequisites: Social Innovation and Human Service major, prior completion of AAS Degree in Pragmatic Studies.

**Semester Offered**

Spring semester

**EXCP 4325 : Public Health**

Explores theories, models, and methods of social and behavioral disciplines relevant to the identification, description, and solution of public health problems. Engage students' critical and creative thinking regarding social and behavioral concepts and processes that influence personal and population health. Develops public health competency in social and behavioral principles and related core themes in health promotion and disease prevention. Evaluates social, behavioral, structural, and cultural factors that have an impact on public health in multiple contexts including individual, community, national and global perspectives.

**Credits** 3

**Course ID**

009395

**Grading Basis**

Graded

**Course Component**

Seminar

**Requisites**

EXCP Course Prerequisites: Social Innovation and Human Service major, prior completion of AAS Degree in Pragmatic Studies.

**Semester Offered**

Spring semester

# General Business

## **GENB 1301 : Principled Business**

This core course guides first year students in discerning their passion through a business lens. It is designed so students will be able to make more solid plans to pursue their passion while discerning in what direction to take their life. They will learn how to find what they want out of life, what their strengths and weaknesses are, and how they can apply them to their career.

**Credits** 3

**Course ID**

009092

**Grading Basis**

Graded

**Course Component**

Lecture

## **GENB 1305 : Writing and Research**

Students will learn and produce professional documents that reflect their ability to research, organize and present their ideas. Students will learn all the steps required to build a professional document as well as all of the techniques needed to produce such documents. This course is intended only for, and restricted to, students in the Associate of Applied Science in General Business program.

**Credits** 3

**Course ID**

009305

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

## **GENB 1312 : Introduction to Business**

This course provides a general overview of the major elements of business. It serves students new to the study of business by presenting the key functions within business. These functions include topics such as marketing, management, operations, finance, accounting, leadership, and the global marketplace. In addition, this course provides an introduction to ethical business practices. The concepts presented in this course help students to better understand how each piece of the business puzzle fits together as they take the classes required for an associate's degree in business.

**Credits** 3

**Course ID**

009414

**Grading Basis**

Graded

**Course Component**

Applied Studies

**Semester Offered**

Fall, spring, summer semesters



**GENB 1320 : Business Communication**

A practical, experienced-based introduction to business and professional communication using a career-and-self- assessment and case studies on ethics, leadership, and diversity. Self-led student teams design and present a final project with a focus on oral and written communication skills.

**Credits** 3

**Course ID**

009102

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall, spring, summer semesters

**GENB 1331 : Principles of Macroeconomics**

This course concentrates on analysis of national income, with special attention to the role of monetary and fiscal policies in stabilizing the price level and fostering high levels of employment and rapid economic growth. Theoretical as well as policy implications of income and price determination models are explored.

**Credits** 3

**Course ID**

009096

**Grading Basis**

Graded

**Course Component**

Lecture

**GENB 1332 : Principles of Microeconomics**

A study of the functioning of the market system, with emphasis on consumer and business decision-making and the various market structures. The course covers the theoretical underpinnings as well as the policy implications of the market system, resource allocation and income distribution

**Credits** 3

**Course ID**

009097

**Grading Basis**

Graded

**Course Component**

Lecture

**GENB 1341 : Principles of Accounting 1**

An introduction to financial accounting with emphasis on basic concepts and principles. Several important concepts will be studied in detail, including revenue recognition, inventory, long-lived assets, present value, and long-term liabilities. The course emphasizes the construction of the basic financial accounting statements—the income statement, balance sheet, and cash flow statement.

**Credits** 3

**Course ID**

009093

**Grading Basis**

Graded

**Course Component**

Lecture

**GENB 1342 : Principles of Accounting 2**

An introduction to managerial accounting, with coverage of cost concepts, budgeting, cost-volume-profit analysis, and special management decisions. Managerial accounting is a company's internal language, and is used for decision-making, production management, product design, and pricing and for motivating and evaluating employees.

**Credits** 3

**Course ID**

009094

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[GENB 1342](#) Prerequisite: [GENB 1341](#).

**GENB 2320 : Personal Finance**

**Credits** 3

**Course ID**

009106

**Grading Basis**

Graded

**Course Component**

Lecture

**GENB 2330 : Entrepreneurship & Conscious Capital**

This course introduces students to the process of starting and growing a new business. In this course, students learn how to recognize business opportunities, develop feasibility analyses and business plans, seek financing and funding for the new business, and develop the main functions of the new business (i.e., marketing/sales, cash flow management, and human resources). The course also covers business growth strategies. The course content is augmented with real-world case studies and interactions with successful entrepreneurs.

**Credits** 3

**Course ID**

009103

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[GENB 2330](#) Prerequisites: [GENB 2347](#).

**GENB 2339 : Introduction to Finance**

This course provides an introduction to financial concepts and principles. Special attention is given to the role of the financial system in the economy, the fundamentals of investment analysis, and the financial decisions of business firms as related to capital budgeting, capital structure, and responsibility in the conduct of business financial operations.

**Credits** 3

**Course ID**

009411

**Grading Basis**

Graded

**Course Component**

Applied Studies

**Semester Offered**

Fall, spring, summer semesters

**GENB 2340 : Leadership**

This course introduces students to theories and practices of leadership, with foci in business organizations and the role of leadership in developing ethical organizations. Students study the history of leadership theories, the role of leadership in organizational success, ethical leadership, and profiles of great leaders.

**Credits** 3

**Course ID**

009100

**Grading Basis**

Graded

**Course Component**

Lecture

**GENB 2343 : Principles of Marketing**

The course analyzes marketing strategy and product decisions, pricing policy, sales promotion and distribution in the business environment.

**Credits** 3

**Course ID**

009104

**Grading Basis**

Graded

**Course Component**

Lecture

**GENB 2347 : Principles of Management**

This course is centrally concerned with the theory and principles of organization and management with particular emphasis on the traditional management functions and the process of managerial roles performed in the workplace. Topics may include an introduction to strategic planning, ethics and social responsibility, decision making, motivating the workforce, managing teams, and other effective leadership skills. Applications include experiential learning and research, applied group dynamics, case analyses and exercises.

**Credits** 3

**Course ID**

009099

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall, spring, summer semesters

**GENB 2348 : Human Resource Management**

A study of the fundamental concepts and techniques in the management of human resources, including job analysis, employee staffing, training, performance evaluation, compensation administration, and health/safety programs. The legal environment and ethical treatment of employees will be fundamental to each topic. Students will study current news and legislation in HR such as sexual harassment, expatriate (overseas) assignments, and alternative dispute resolution as topics arise in the press.

**Credits** 3

**Course ID**

009101

**Grading Basis**

Graded

**Course Component**

Lecture

**GENB 2353 : Foundations of Personal Sales**

Foundations of Professional Sales introduces students to the process of selling and the complex decision-making process. It covers theories and practices of communication and persuasion in the context of making a sale. It also introduces the concepts and practices involved in managing and motivating a sales force. Students review the communication and Persuasion building blocks, followed by the steps needed from planning to closing the sales cycle.

**Credits** 3

**Course ID**

009105

**Grading Basis**

Graded

**Course Component**

Lecture

**GENB 2355 : Personal Selling**

This course builds on the personal selling skills introduced in "Foundations of Professional Sales" ([GENB 2353](#)). Students learn principles of persuasion, the complex decision making models, and methods of personal selling. Students design sales pitches, engage in role play, and analyze cases to build experience in personal selling. This course is intended for, and restricted to students in the Associate of Applied Science in General Business program.

**Credits** 3

**Course ID**

009306

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[GENB 2355](#) Prerequisite: [GENB 2353](#)

**Semester Offered**

Fall and spring semesters

**GENB 2357 : International Business**

This course provides an integrative overall business perspective (as opposed to a functional view) grounded in a global environment. This will include coverage of business as it is conducted in both developed and emerging economies. Focus will be on the globalization of business and critical factors for successfully entering into the global marketplace.

**Credits** 3

**Course ID**

009098

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall semester

**GENB 2358 : Business Law**

This course provides a general understanding of the American legal system and the concepts that impact the conduct of business. Disputes, business ethics, business and the US Constitution, contract law, sales contracts, labor and employment law, and other key concepts are presented. At the end of this course the student will be able to understand the legal environment in which companies operate, both domestically and around the world.

**Credits** 3

**Course ID**

009410

**Grading Basis**

Graded

**Course Component**

Applied Studies

**Semester Offered**

Fall, spring, summer semesters

**GENB 2361 : Social Media Marketing**

This course introduces students to the processes necessary to run a social media marketing campaign. In this course, students will learn how to understand the components of a social media marketing campaign, types of applications and types of content used for social media marketing, and how to audit and plan social media marketing campaigns.

**Credits** 3

**Course ID**

009413

**Grading Basis**

Graded

**Course Component**

Applied Studies

**Semester Offered**

Fall, spring, summer semesters

**GENB 2362 : Social Media Marketing Practicum**

This course directs students to engage in action learning with a local business in need of social media marketing. Students will become Hootsuite certified and develop a social media marketing plan for a local business.

**Credits** 3

**Course ID**

009412

**Grading Basis**

Graded

**Course Component**

Applied Studies

**Semester Offered**

Fall, spring, summer semesters

**GENB 2363 : Advertising and Promotion**

This course introduces students to advertising and promotion. Students will learn about how to build an advertising proposal by following the story of an advertising firm. Students will learn fundamentals of advertising, how to develop an advertising plan, and how to measure success in an advertising campaign.

**Credits** 3

**Course ID**

009409

**Grading Basis**

Graded

**Course Component**

Applied Studies

**Semester Offered**

Fall, spring, summer semesters

**GENB 2397 : Accounting Applications**

This course provides students with a practical approach to accounting, with modules on accounting software such as Quickbooks and Sage, as well as data analytics tools such as Tableau. This course is only open to students in the GENB-AAS program.

**Credits** 3

**Course ID**

009095

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[GENB 2397](#) Prerequisites: [GENB 1342](#).

## General Science

**GENS 1315 : Intermediate Algebra**

Students develop analytical and problem-solving skills by solving logical problems. Topics in this course include systems of equations, matrices, probability, and geometry. Activities include solving problems and using appropriate technological tools. Students may be required to take this course based on their score on the math placement exam.

**Credits** 3

**Course ID**

009485

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**GENS 1330 : Fundamentals of Biology I**

Students learn an overview of biological concepts underlying the unity and diversity of life. There is a on basic Mendelian genetics, population biology, evolutionary concepts, the origins of life, plant colonization of land, animal diversity and ecological concepts. This course will introduce students to the four major themes of our curriculum: ecosystems, organisms, cells, and molecules.

**Credits** 3

**Course ID**

009479

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**GENS 1340 : Fundamentals of Chemistry I**

Fundamental laws and concepts are presented and studied qualitatively and quantitatively. Topics include atomic and molecular structure, bonding, intermolecular forces, stoichiometry, and aqueous solutions.

**Credits** 3

**Course ID**

009481

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**GENS 1350 : Fundamentals of Physics I**

Students learn non-calculus introduction to kinematics, mechanics, thermodynamics, optics, electromagnetism, and atomic physics.

**Credits** 3

**Course ID**

009483

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**GENS 1410 : Fundamentals of Microbiology**

This course covers basic microbiology and immunology. It introduces concepts of microbial diversity, the importance of microorganisms in the biosphere, and their roles in human diseases. Major topics covered include bacterial cell structure, growth, physiology, and genetics of microorganisms. This course also includes a lab component which includes include microscopy, aseptic technique, culture techniques, staining, and immunology.

**Credits** 4

**Course ID**

009487

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters



**GENS 1420 : Fundamentals of Human Anatomy & Physiology I**

Students learn the structure and function of the human body and different organ systems. This course includes a virtual lab in which students engage in exploration of human system components and basic physiology. This course is part I of II.

**Credits** 4

**Course ID**

009477

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**GENS 2315 : College Algebra**

Students develop analytical and problem-solving skills by solving logical problems. Topics in this course include fundamental mathematical concepts, including quadratic, polynomial and radical equations, linear functions and their graphs, systems of linear equations, and functions and their properties. Activities include solving problems and using appropriate technological tools.

**Credits** 3

**Course ID**

009486

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**GENS 2330 : Fundamentals of Biology II**

Students continue learning biological concepts underlying the unity and diversity of life. There is a focus on the molecular and cellular foundations of life as revealed in study of water, macromolecules, membranes, cellular metabolism, photosynthesis, cellular reproduction, and the molecular basis of inheritance.

**Credits** 3

**Course ID**

009480

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**GENS 2340 : Fundamentals of Chemistry II**

Students learn fundamental laws and concepts are presented as they relate to thermochemistry, gases, colligative properties, thermodynamics, kinetics, equilibria, electrochemistry, and solids.

**Credits** 3

**Course ID**

009482

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**GENS 2350 : Fundamentals of Physics II**

Students continue to learn non-calculus-based kinematics, mechanics, thermodynamics, optics, electromagnetism, and atomic physics. This course is the second part to the two-course sequence.

**Credits** 3

**Course ID**

009484

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**GENS 2420 : Fundamentals of Human Anatomy & Physiology II**

Students study the circulatory, respiratory, digestive, excretory, reproductive, and endocrine systems. Topics covered in this course also include the following organ systems and its physiology: vascular, immune, respiratory, urinary, reproductive, and digestive. Additionally, fluid and electrolyte balance, nutrition and metabolism, human development and heredity will also be discussed. The course includes a lab component which will provide a virtual experience for exploration of human system components and basic physiology.

**Credits** 4

**Course ID**

009478

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

# Networking

## **ANET 1300 : Hardware and Software Environment**

The organization of a computer is examined in a typical operating systems environment. Terminology and underlying principles related to major computer functions are discussed in the context of hardware and software environments.

**Credits** 3

**Course ID**

008639

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

## **ANET 1305 : Basics of Networking**

This course explains the fundamentals of networking concepts. It focuses on technological advances made in the field of computer networks. It also covers impact OSI and TCP/IP model and how it relates to network communication. The course also details the importance of different protocols in a network and tools required to secure the network.

**Credits** 3

**Course ID**

008640

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ANET 1305](#) Prerequisite: [ANET 1300](#)

**Semester Offered**

Fall and spring semesters

## **ANET 1350 : Introduction to Servers I**

This course offers students an introduction to server hardware and provides a baseline level of learning that can be leveraged should they be interested in taking the CompTIA Server+ Certification Exam.

**Credits** 3

**Course ID**

008641

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ANET 1350](#) Co/Prerequisite: [ANET 1305](#)

**Semester Offered**

Fall and spring semesters

**ANET 1355 : Physical Networks**

This course explains how computer networks are created using physical components. Students get an opportunity to construct a physical network by using wires, network devices, network protocols, tools, and standards. The course also compares and contrasts different transmission media and network devices based on transmission rates.

**Credits** 3

**Course ID**

008642

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ANET 1355](#) Prerequisite: [ANET 1305](#)

**Semester Offered**

Fall and spring semesters

**ANET 1360 : Introduction to Servers II**

This course offers students and introduction to the Windows Server platform and provides a baseline level of learning that can be leveraged should they be interested in further learning or certification specific to Microsoft Windows Servers.

**Credits** 3

**Course ID**

008643

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ANET 1360](#) Prerequisite: [ANET 1350](#)

**Semester Offered**

Fall and spring semesters

**ANET 2300 : Introduction to Linux Networking**

This course introduces various features of the open source operating system, Linux. It starts with the fundamental commands of the operating system and covers installation and network configuration steps. The course also covers how to maintain and troubleshoot client and server network services.

**Credits** 3

**Course ID**

008644

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ANET 2300](#) Prerequisite: [ANET 1305](#)

**Semester Offered**

Fall and spring semesters

**ANET 2305 : Securing Information**

This course focuses on the importance of securing the IT infrastructure. It also covers ways that make the IT infrastructure vulnerable and steps that should be taken to secure it against malicious attacks. It introduces the role of security policy and implementation issues related to it. Students get an opportunity to audit, test, and monitor an IT system.

**Credits** 3

**Course ID**

008645

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ANET 2305](#) Prerequisite: [ANET 1360](#), [ANET 2300](#)

**Semester Offered**

Fall and spring semesters

**ANET 2350 : Basics of IP Networking**

This course is intensively focused on the study of TCP/IP protocol and OSI model. It covers key concepts related to IP Networking, subnetting, and troubleshooting. The course details concepts of IP routing, dynamic routing protocols, bridging, switching, and LAN/WAN technologies.

**Credits** 3

**Course ID**

008646

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ANET 2350](#) Prerequisite: [ANET 1305](#)

**Semester Offered**

Fall and spring semesters

**ANET 2355 : Configuring Email and Web Services**

This course focuses on configuring email and web services in the network. It also details procedures of how to configure a web server, secure a web server, install a Mail server, and secure a Mail server. Students get an opportunity to define roles and policies related to email and web services.

**Credits** 3

**Course ID**

008647

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ANET 2355](#) Prerequisite: [ANET 1360](#), [ANET 2300](#)

**Semester Offered**

Fall and spring semesters

**ANET 2360 : Capstone Project**

This course helps students to integrate and apply the knowledge acquired in the program to solve a comprehensive project. The course includes steps to design, manage, and implement a capstone project that will enable analysis and problem-solving skills. The students get an opportunity to work in teams, and apply the concepts learned in resolving the given business problem.

**Credits** 3

**Course ID**

008648

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ANET 2360](#) Prerequisites: [ANET 2350](#); 45+ hours completed in program.

**Semester Offered**

Fall and spring semesters

**ANET 2365 : Advanced Troubleshooting, Repair and Maintenance of Computers**

This course studies PC hardware and software including physical devices, BIOS, operating systems, and applications. The course includes instruction on installation, configuration, troubleshooting, and repairing software and hardware implementations. It covers most concepts found in the CompTIA A+ certification exam.

**Credits** 3

**Course ID**

008701

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**ANET 2370 : Advanced Networks**

This course is a study of routers, switches, and other computer and telecommunication network devices. The course will include information on network and routing protocols, local and wide area networks, and VLANs as well as device configuration, management, and troubleshooting and will be exploring many of the concepts found in the Cisco Certified Entry Networking Technician (CCENT) certification exam.

**Credits** 3

**Course ID**

008702

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**ANET 2375 : Advanced Operating Systems**

This course is a study of server operating system including installation, configuration, management, core infrastructure services, policies and permissions, and virtualization. It covers many of the concepts needed for the Microsoft Certified Professional Installing and Configuring Windows Server 2012 certification exam.

**Credits** 3

**Course ID**

008703

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

## Software

**ASFT 1300 : Foundations of Programming**

This course lays the foundation of programming logic using flowcharts and pseudocode. It develops understanding of logic and algorithms in programming. The focus is on developing programming skills and knowledge by implementing conditional statements, loops, and functions.

**Credits** 3

**Course ID**

008649

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ASFT 1300](#) Prerequisite: [ANET 1300](#)

**ASFT 1305 : Working with Databases**

This course discusses fundamentals of database design and relational databases. It also explains normalizing a database. Student implement relational database concepts by developing a database and running SQL queries. The course includes concepts to implement a database design and secure data in the database.

**Credits** 3

**Course ID**

008650

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ASFT 1305](#) Prerequisite: [ASFT 1300](#)

**Semester Offered**

Fall and spring semesters

# Speech

## **SPCH 1311 : Introduction to Speech Communication**

Theory and practice of speech communication behavior in one-to-one, small group, and public communication situations are introduced. Students learn more about themselves, improve skills in communicating with others, and prepare and deliver formal public speeches.

**Credits** 3

**Course ID**

009360

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall, spring, summer semesters

# Biology

Department Chair: Dr. Maia Larios-Sanz, [lariosm@stthom.edu](mailto:lariosm@stthom.edu)

This is the era of biology characterized by rapid and amazing advances! The exciting life sciences curriculum at UST emphasizes the full range of this dynamic field, from the biology of ecosystems and organisms to cells and molecules, in an evolutionary context. Students in the program will apply the scientific method to investigate biological phenomena while developing critical thinking, oral communication, writing and computational skills. Students will also develop an ethical approach to the practice of science. The major program is designed to prepare students for graduate and professional schools and for entry-level biologist, computational biology and bioinformatics positions. Students who successfully complete any biology major will exhibit a mastery of the basic subject areas and important biological concepts.

A grade of "C" or better in BIOL 1351, 1151, 1352, and 1152 and CHEM 1341, 1141 are prerequisites for all other biology courses. No biology course may be taken unless all prerequisites have been completed with a grade of "C" or better. Advanced placement credit or credit by examination may not be used as prerequisites for upper-division biology courses. Biology courses may only be taken a maximum of three (3) times.

Students graduating with a degree in Biology or Cell and Molecular Biology must have a minimum GPA of 2.00 in all biology courses.

Students completing any major in biology must take the Educational Testing Service Major Field Test in Biology (MFT) in the semester in which they graduate. Students who do not take the MFT will not be allowed to graduate with a major in biology.



**BIOL 1151 : Introduction to Biology Practicum**

This course will introduce students to the four major themes of our curriculum: ecosystems, organisms, cell and molecules. Practicum in scientific methodology, critical thinking, reading and writing, focusing on analysis of scientific literature through discussion, team based learning and invited research presentations. Laboratory 3 hours per week. Co-requisite: [BIOL 1351](#)

**Credits** 1

**Course ID**

007358

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[BIOL 1151](#) Corequisite: [BIOL 1351](#)

**Semester Offered**

Fall and spring semesters

**BIOL 1152 : Basic Lab Techniques in Biology**

Introduction to biology as a scientific process as revealed through inquiry-based laboratories. Introduction to quantitative and qualitative laboratory methods in cell and molecular biology. Meets 3 hours per week.

Corequisite: [BIOL 1352](#). Prerequisite [CHEM 1341](#)/1141.

**Credits** 1

**Course ID**

007387

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[BIOL 1152](#) Corequisite: [BIOL 1352](#)

**Semester Offered**

Fall, spring, summer semesters

**BIOL 1351 : Introduction to Population Biology and Evolution**

Overview of biological concepts underlying the unity and diversity of life. Focus on basic Mendelian genetics, population biology, evolutionary concepts, the origins of life, plant colonization of land, animal diversity and ecological concepts.

**Credits** 3

**Course ID**

007359

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[BIOL 1351](#) Corequisite: [BIOL 1151](#)

**Semester Offered**

Fall and spring semesters

**BIOL 1352 : Introduction to Cell and Molecular Biology**

Continuation of overview of biological concepts underlying the unity and diversity of life. Focus on the molecular and cellular foundations of life as revealed in study of water, macromolecules, membranes, cellular metabolism, photosynthesis, cellular reproduction, and the molecular basis of inheritance. Corequisite: [BIOL 1152](#)

**Credits** 3

**Course ID**

007360

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[BIOL 1352](#) Corequisite: [BIOL 1152](#)

**Semester Offered**

Fall, spring, summer semesters

**BIOL 1422 : Ecosystems, Society and Health**

Combines the lecture and laboratory for a four credit, compressed track course that will investigate a local or foreign ecosystem and correlate features of that ecosystem with human health. The course includes a domestic or international fieldtrip and will allow students to integrate the concepts of ecology biodiversity and epidemiology through observation, data collection and data analysis.

**Credits** 4

**Course ID**

008274

**Grading Basis**

Graded

**Course Component**

Lecture

**BIOL 2201 : Nutrition**

A study of the nutrients in foods and the body's response. Nutrient requirements associated with health at various life stages will be explored. Teaching methodologies will include a combination of classroom-based lectures and online modules.

**Credits** 2

**Course ID**

007421

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**BIOL 2333 : Introduction to Microbiology**

Overview of the structure, physiology, culture and control of bacteria and other microbes.

**Credits** 3

**Course ID**

007417

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**BIOL 2372 : Introduction to Microbiology Lecture and Lab**

Overview of the structure, physiology, culture and control of bacteria and other microbes.

**Credits** 3

**Course ID**

008824

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

PREABSN Required: PABSN Subplan

**BIOL 2445 : Human Anatomy and Physiology I**

A study of the structure and function of the different organ systems. Lecture: 3 hours. Laboratory: 3 hours.

**Credits** 4

**Course ID**

003883

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**BIOL 2446 : Human Anatomy and Physiology II**

A study of the structure and function of the different organ systems. Lecture: 3 hours. Laboratory: 3 hours.  
Corequisite: [BIOL 2046](#). Prerequisite: [BIOL 2445](#).

**Credits** 4

**Course ID**

003884

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[BIOL 2446](#) Prerequisites: [BIOL 2445](#)

**Semester Offered**

Fall, spring, summer semesters

**BIOL 2470 : Human Anatomy and Physiology I**

A study of the structure and function of the different organ systems.

**Credits** 4

**Course ID**

008822

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

PREABSN Required: PABSN Subplan

**BIOL 2471 : Human Anatomy and Physiology II**

A study of the structure and function of the different organ systems. Lecture: 3 hours. Laboratory: 3 hours.

**Credits** 4

**Course ID**

008823

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

PREABSN Required: PABSN Subplan

**BIOL 3055 : Computational Methods Research**

This course will introduce students into different methods, techniques, and approaches for conducting computational research applied to different disciplines such as Biology, Health Sciences, Textual Analysis, Humanities, and more.

**Credits** 0

**Course ID**

009154

**Grading Basis**

Pass/Fail Option

**Course Component**

Research

**Requisites**

Prerequisite: Minimum Sophomore-Level Standing.

**Semester Offered**

Fall and spring semesters

**BIOL 3061 : Cell Biology Lab**

Study of cellular structure/function relationships. Focus on membranes, internal compartments, cytoskeleton and cellular communication. Laboratory will include inquiry-based investigations.

**Credits** 0

-0

**Course ID**

005898

**Grading Basis**

Non-Graded Component

**Course Component**

Laboratory

**Requisites**

Corequisite: [BIOL 3461](#)

**BIOL 3121 : Genetics and Molecular Biology Laboratory**

Laboratory course introducing methods of genetic crosses, DNA extraction, restriction digests, PCR, transformation and cloning and current molecular techniques. Prerequisites: [BIOL 1351/1151](#), 1352/1152, [CHEM 1342](#). Corequisite: [BIOL 3321](#)

**Credits** 1

**Course ID**

007388

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

Prerequisites (with a grade of 'C' or better): [BIOL 1351/1151](#), 1352/1152 and [CHEM 1341/1141](#), 1342/1142;

Corequisite: [BIOL 3321](#)

**Semester Offered**

Fall semester

**BIOL 3133 : Microbiology Laboratory**

Laboratory methods to study bacteria. Laboratory: 3 hours. Prerequisite: [BIOL 3321](#).

**Credits** 1

**Course ID**

001041

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

BIOL Upper-Division Prerequisite (with a 'C' or better): [BIOL 3321](#)

**Semester Offered**

Fall and spring semesters

**BIOL 3134 : Biochemistry Lab**

([CHEM 3134](#)) Preparation of dilutions, buffer preparation, titration of amino acids, colorimetric tests for proteins, carbohydrates and nucleic acids, chromatography, preparation of standard curves for unknown identification, spectrophotometry, enzyme kinetics and electrophoresis. Accompanies [CHEM 3334](#). Laboratory: 3 hours per week. Prerequisites: [CHEM 2343](#), 2143.

**Credits** 1

**Course ID**

003720

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[BIOL 3134](#) Prerequisites(With Grade of 'C' or Better): [CHEM 2343](#), 2143

**Semester Offered**

Fall and spring semesters

**BIOL 3151 : Advanced Molecular Biology Laboratory**

Laboratory course focusing on advanced methods in molecular techniques. Taught from a problems based approach. 3 hours per week. Prerequisites [BIOL 3321](#), 3121

**Credits** 1

**Course ID**

007389

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[BIOL 3151](#) Prerequisites: [BIOL 3321](#), 3121

**Semester Offered**

Spring semester

**BIOL 3162 : Introduction to Computational Biology**

Students will receive an introduction to the role of computation and programming in the biological sciences and work with a faculty member in the Biology Department to set up an internship with a computational biology laboratory or company. Prerequisites: BIOL 1315/1151, [BIOL 1352/1152](#)

**Credits** 1

**Course ID**

008339

**Grading Basis**

Graded

**Course Component**

Internship

**Requisites**

[BIOL 3162](#) Prerequisites (with a 'C' or better): [BIOL 1351/1151](#), [1352/1152](#).

**BIOL 3163 : Introduction to Computational Biology Internship**

Students will receive an introduction to the role of computation and programming in the biological sciences and work with a faculty member in the Biology Department to set up an internship with a computational biology laboratory or company. Prerequisites: BIOL 1315/1151, [BIOL 1352/1152](#)

**Credits** 1

**Course ID**

008439

**Grading Basis**

Graded

**Course Component**

Internship

**Requisites**

[BIOL 3163](#) Prerequisite: BIOL 1315/1151 and [BIOL 1352/1152](#)

**BIOL 3194 : Introduction to Biological Research**

This course is the introductory research course for all students seeking a Bachelor of Science in Biology or Cell and Molecular Biology. It will offer an introduction to conducting research in the biological field. Emphasis will be placed on the foundations of scientific literacy, writing and presentation. Students will meet all Biology research faculty and hear about open projects. This course will also offer safety and lab proficiency training.

**Credits** 1

**Course ID**

008131

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[BIOL 3194](#) Pre/Corequisites: [BIOL 3321](#)

**Semester Offered**

Fall and spring semesters

**BIOL 3300 : Field Studies in Ecology and Environmental Science**

Field course in ecology and environmental science. Survey of physical and biological processes and their interactions in different natural settings. Introduction to field techniques and methodologies, ecosystem dynamics, and issues in natural resource management and conservation in selected locations in the United States and abroad. Much of the course time will be spent outdoors.

**Credits** 3

**Course ID**

007219

**Grading Basis**

Graded

**Course Component**

Field Studies

**Requisites**

BIOL Upper-Division Prerequisite (with a 'C' or better): [BIOL 3321](#)

**Semester Offered**

Fall semester

**BIOL 3321 : Genetics**

Organization and function of the genetic material in prokaryotes and eukaryotes. Includes basic principles and problems in molecular and biochemical genetics as well as study of patterns of inheritance.

**Credits** 3

**Course ID**

001038

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Prerequisites (with a grade of 'C' or better): [BIOL 1351/1151](#), [1352/1152](#) and [CHEM 1341/1141](#).

**Semester Offered**

Fall and spring semesters

**BIOL 3331 : Ecology**

Principles governing interactions between organisms and their physical and biotic environments. Includes study of the biology of populations, communities and ecosystems. Prerequisite: [BIOL 3321](#)

**Credits** 3

**Course ID**

001039

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

BIOL Upper-Division Prerequisite (with a 'C' or better): [BIOL 3321](#)

**Semester Offered**

Spring semester



**BIOL 3333 : Microbiology**

The study of microbes. Lecture: 3 hours. Prerequisite: [BIOL 3321](#).

**Credits** 3

**Course ID**

001040

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

BIOL Upper-Division Prerequisite (with a 'C' or better): [BIOL 3321](#)

**BIOL 3334 : Biochemistry**

([CHEM 3334](#)) An introductory course in biochemistry focusing on amino acids, proteins, enzymes, nucleic acids, carbohydrates and lipids. Prerequisites: [CHEM 2343](#).

**Credits** 3

**Course ID**

001042

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[BIOL 3334](#) Prerequisites (With Grade of 'C' or Better): [CHEM 2343/2143](#)

**Semester Offered**

Fall and spring semesters

**BIOL 3339 : Neuroscience**

Study of the structure and function of the nervous system of vertebrates and invertebrates. Lecture: 3 hours. Prerequisites(With Grade of 'C' or Better): [BIOL 3321](#). Offered when necessary.

**Credits** 3

**Course ID**

001044

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

BIOL Upper-Division Prerequisite (with a 'C' or better): [BIOL 3321](#)

**Semester Offered**

Fall semester

**BIOL 3341 : Marine Biology**

Description of the physical characteristics of the world ocean and of the plants and animals associated with marine habitats. Emphasis on ecological interactions and adaptations of marine organisms. Prerequisite: [BIOL 3331](#).

**Credits** 3

**Course ID**

001045

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

BIOL Upper-Division Prerequisite (with a 'C' or better): [BIOL 3321](#)

**Semester Offered**

Fall semester

**BIOL 3345 : Physiology**

Introduction to the basic concepts of physiological regulation from cellular level to organ system level. Emphasis on mammalian systems. Prerequisites: [BIOL 3321](#).

**Credits** 3

**Course ID**

001046

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[BIOL 3345](#) Prerequisite (With Grade of 'C' or Better): [BIOL 1351/1151](#), [1352/1152](#)

**Semester Offered**

Fall semester

**BIOL 3351 : Molecular Biology**

An examination of the structure, organization and replication of DNA and the control of gene expression through transcription and translation. Emphasis also on theory behind current techniques. Prerequisites: [BIOL 3321](#); [CHEM 2343](#).

**Credits** 3

**Course ID**

001047

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[BIOL 3351](#) Prerequisites (With Grade of 'C' or Better): [BIOL 3321](#), [CHEM 2343](#)

**Semester Offered**

Fall and spring semesters

**BIOL 3362 : Cancer Biology**

This course will explore the basic biology of cancer using current knowledge in cellular and molecular mechanisms involved in cancer development, propagation, and metastasis. Students will learn about current cancer treatments, novel approaches for cancer therapeutics and explore ongoing cancer research by studying, presenting and critiquing the scientific literature, as well as through guest lectures from scientists and physicians.

**Credits** 3

**Course ID**

008132

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

BIOL Upper-Division Prerequisite (with a 'C' or better): [BIOL 3321](#)

**Semester Offered**

Spring semester

**BIOL 3363 : Computational Biology Internship**

Students work in a computational biology laboratory or company to develop computational biology skills needed for future careers in this rapidly changing field. Prerequisite: [BIOL 3163](#), [BIOL 3321](#), [BIOL 3351](#)

**Credits** 3

**Course ID**

008438

**Grading Basis**

Graded

**Course Component**

Internship

**Requisites**

[BIOL 3363](#) Prerequisites: [BIOL 3163](#), [BIOL 3321](#), and [BIOL 3351](#)

**BIOL 3435 : Human Anatomy and Lab**

A systems-based approach to understanding the major anatomical structures of the human body is essential to understanding human biological functions. This upper-division lecture and lab course will examine the major organ systems independently (muscles, cardiovascular, nervous, respiratory etc.) as well as how each system interacts with one another. The course will focus on gross anatomy (macroscopic; visible to the naked eye) via lectures, models, animal dissections and the Anatomage Table. Additionally, we will discuss relevant histological structures (microscopic anatomy) using mounted specimens Virtual Dissecto and virtual histological libraries. The course will also examine relevant applications of anatomical systems to the medical field. This comprehensive introduction to human anatomy and histology is designed for biology majors and/or those on a pre-health track.

**Credits** 4**Course ID**

009595

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites****BIOL 3435** Prerequisites: [BIOL 3321](#) ([BIOL 3321](#) can be corequisite for post-bac students).**Semester Offered**

Fall semester

**BIOL 3440 : Plant Physiological Ecology**

Study of abiotic and biotic factors that influence the dynamics of plant communities. After initial study of individual leaves and whole plants, the physiological processes are scaled up to canopy and ecosystem level. Lecture: 3 hours. Laboratory: 3 hours. Laboratory methods in plant physiological ecology. Addresses ecological principles, vegetation sampling methods and physiological and biochemical techniques. Local field trips for sampling. Prerequisites: [CHEM 2343](#), [BIOL 3321](#), MATH 3430.

**Credits** 4**Course ID**

006244

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites****BIOL 3440** Prerequisites (With Grade of 'C' or Better): [BIOL 3321](#), [CHEM 2343](#)**Semester Offered**

Offered as needed

**BIOL 3444 : Invertebrate Zoology**

A survey of the invertebrates, with emphasis on their evolution and their structural and physiological adaptations. Lecture: 3 hours. Laboratory: 3 hours. Prerequisites BIOL 1342, 1142, [CHEM.1342](#),1142.

**Credits** 4

**Course ID**

001048

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

BIOL Upper-Division Prerequisite (with a 'C' or better): [BIOL 3321](#)

**Semester Offered**

Offered as needed

**BIOL 3445 : Developmental Zoology**

Embryonic development in vertebrates and invertebrates. Emphasis on early embryonic events, molecular interactions and gene expression. Lecture: 3 hours. Laboratory: 3 hours. Prerequisites: [BIOL 3321](#), 3351.

**Credits** 4

**Course ID**

001049

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[BIOL 3445](#) Prerequisites (With Grade of 'C' or Better): [BIOL 3321](#), 3351

**Semester Offered**

Offered as needed

**BIOL 3446 : Comparative Histology**

Comparison of the structure and ultrastructure of cells and tissues that constitute the organs and organ systems of vertebrates and invertebrates. Laboratories will feature the use of the light microscope for study of prepared slides of animal tissues. Lecture: 3 hours. Laboratory: 3 hours.

**Credits** 4

**Course ID**

001050

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

BIOL Upper-Division Prerequisite (with a 'C' or better): [BIOL 3321](#)

**Semester Offered**

Offered as needed

**BIOL 3448 : Comparative Anatomy**

This course will study how the similarities in anatomy and physiology of vertebrates can be linked via phylogenetic associations. The class will also use the evolutionary history to understand how morphology (anatomy) is intertwined with function (physiology). The class is enhanced via detailed dissections and examinations of the major organ systems of selected model vertebrates including the dogfish shark and cat.

Prerequisites: [BIOL 3321](#)

**Credits** 4

**Course ID**

001036

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

BIOL Upper-Division Prerequisite (with a 'C' or better): [BIOL 3321](#)

**Semester Offered**

Spring semester

**BIOL 3450 : Plant Physiology**

Introduction to basic concepts of plant function, carbon metabolism, energy acquisition, regulation of growth and development, stress responses and nutrient uptake. Lecture: 3 hours, Laboratory: 3 hours: Study of the function and performance of plants in their environment. Focus on physiological and biochemical processes involved in plant growth, development and survival in the environment. Prerequisites: [CHEM 2343](#), [BIOL 3321](#), MATH 3430.

**Credits** 4

**Course ID**

006367

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[BIOL 3450](#) Prerequisites: [BIOL 3321](#), [CHEM 2343](#)

**Semester Offered**

Offered as needed

**BIOL 3461 : Cell Biology**

Study of cellular structure/function relationships. Focus on membranes, internal compartments, cytoskeleton and cellular communication. Laboratory will include inquiry-based investigations. Prerequisites: [BIOL 3321](#).  
Lecture: 3 hours. Laboratory: 3 hours.

**Credits** 4

**Course ID**

001051

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

BIOL Upper-Division Prerequisite (with a 'C' or better): [BIOL 3321](#)

**Semester Offered**

Fall semester

**BIOL 4111 : Bioscience Communication I**

Discussion of current topics in biology. Students will be required to read, present and discuss current articles in the biological literature. Prerequisites: junior or senior standing

**Credits** 1

**Course ID**

008330

**Grading Basis**

Graded

**Course Component**

Seminar

**Requisites**

[BIOL 4111](#) Prerequisites (with a 'C' or better): [BIOL 3321](#) and Senior Standing.

**BIOL 4112 : Bioscience Communication II**

Discussion of current topics in biology. Students will be required to read, present and discuss current articles in the biological literature. Prerequisites: junior or senior standing

**Credits** 1

**Course ID**

008331

**Grading Basis**

Graded

**Course Component**

Seminar

**Requisites**

[BIOL 4112](#) Prerequisite: [BIOL 4111](#)

**BIOL 4154 : Pathogenic Microbiology Laboratory**

Laboratory course focusing on the study of disease-causing microbes. Emphasis will be placed on the emerging molecular techniques used to understand, identify and control epidemics. Prerequisites: [BIOL 3321](#)

**Credits** 1

**Course ID**

007436

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

BIOL Upper-Division Prerequisite (with a 'C' or better): [BIOL 3321](#)

**Semester Offered**

Spring semester

**BIOL 4192 : Directed Reading/Independent Study in Biology**

Student research on a selected problem pursued under the guidance of an assigned member of the faculty. Open only to biology majors. Prerequisite: permission of instructor.

**Credits** 1

**Course ID**

003901

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[BIOL 4192](#) Prerequisites (With Grade of 'C' or Better): [BIOL 3321](#)

**Semester Offered**

Offered as needed

**BIOL 4193 : Special Topics in Biology**

Upper-division treatment of selected topics of mutual interest to the professor and students. Open only to biology majors. Prerequisite: [BIOL 3321](#).

**Credits** 1

**Course ID**

002003

**Grading Basis**

Graded

**Course Component**

Special Topics

**Requisites**

[BIOL 4193](#) Prerequisites (With Grade of 'C' or Better): BIOL 3321

**Semester Offered**

Offered as needed



**BIOL 4194 : Guided Biological Research**

This course is the second research course for all students seeking a Bachelor of Science in Biology or Cell and Molecular Biology. Students will perform biological research under the supervision of their Research Mentor. Research mentors will provide specific research goals that students are expected to meet through the semester. Students will also be expected to identify and read scientific literature relevant to their research project. At the end of the semester, students must present their project to a committee of faculty members.

Prerequisites: [BIOL 3321](#), [BIOL 3194](#). Min. of 50 documented research hours with your Biology Faculty member.

**Credits** 1

**Course ID**

008133

**Grading Basis**

Graded

**Course Component**

Research

**Requisites**

[BIOL 3321](#), [BIOL 3194](#), Senior standing or second semester Junior. Minimum of 50 documented research hours with Biology faculty member.

**Semester Offered**

Fall and spring semesters

**BIOL 4195 : Biology Senior Thesis**

This course is the third and final research course for all students seeking a Bachelor of Science in Biology or Cell and Molecular Biology. This writing intensive course will focus on the production of an undergraduate research thesis. Students will learn effective strategies for scientific writing and apply those lessons by writing about their own research. Students will be required to perform multiple revisions prior to final submission and will conduct extensive peer-to-peer review. Prerequisites: [BIOL 3321](#), [BIOL 3194](#), 3195 and 100 documented research hours with your Biology Faculty member.

**Credits** 1

**Course ID**

008134

**Grading Basis**

Graded

**Course Component**

Research

**Requisites**

[BIOL 4195](#) Prerequisites: [BIOL 3321](#), 3194, 4194. Senior standing and entering last semester. Minimum of 100 documented research hours with Biology faculty member.

**Semester Offered**

Fall and spring semesters

**BIOL 4212 : Neuropsychology Research Topics**

This is a capstone class for students minoring in Neuroscience. Students will read and present on current primary literature and learn how to critically evaluate scientific claims. Students will study primary Neuroscience literature in order to learn and apply appropriate statistical methods, strategies for reading scientific literature, and tips for successful oral presentation of technical material. Students will be graded heavily on participation and performance on the final presentation. Prerequisite: [PSYC 3434](#) or [MATH 3450](#) and [BIOL 3339](#)

**Credits** 2

**Course ID**

008338

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[BIOL 4212](#) Prerequisites: ([PSYC 3434](#) OR [MATH 3450](#)); [BIOL 3339](#)

**BIOL 4292 : Directed Reading/Independent Study in Biology**

Student research on a selected problem pursued under the guidance of an assigned member of the faculty. Open only to biology majors. Prerequisite: permission of instructor.

**Credits** 2

**Course ID**

002001

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[BIOL 4292](#) Prerequisites (With Grade of 'C' or Better): [BIOL 3321](#)

**Semester Offered**

Offered as needed

**BIOL 4293 : Special Topics in Biology**

Upper-division treatment of selected topics of mutual interest to the professor and students. Open only to biology majors. Prerequisite: [BIOL 3321](#).

**Credits** 2

**Course ID**

002004

**Grading Basis**

Graded

**Course Component**

Special Topics

**Requisites**

[BIOL 4293](#) Prerequisites (With Grade of 'C' or Better): [BIOL 3321](#)

**Semester Offered**

Offered as needed

**BIOL 4321 : Nucleic Acids**

Nucleic acids are a class of incredibly interesting biopolymers that make life possible. Once considered simply information molecules, we now know that nucleic acids are actually quite versatile in their activity and function. This class will delve into the different aspects of nucleic acid structure and function in detail. Pre/Co-requisite:

[BIOL 3321](#)

**Credits** 3

**Course ID**

008135

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

BIOL Upper-Division Prerequisite (with a 'C' or better): [BIOL 3321](#)

**Semester Offered**

Spring semester

**BIOL 4332 : Evolution**

Introduction to modern evolutionary theory. Includes discussion of adaptation, speciation, phylogenetics and molecular evolution. Prerequisites: [BIOL 3321](#), senior standing.

**Credits** 3

**Course ID**

001054

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[BIOL 4332](#) Prerequisites (With Grade of 'C' or Better): [BIOL 3321](#) and Senior Standing.

**Semester Offered**

Fall and spring semesters

**BIOL 4333 : Research Methods in Biological Investigation**

Introduction to methodology utilized in biological studies, including both field and laboratory techniques. Emphasis on student research, including preparation of research proposal and written as well as oral presentation of results. Prerequisites: [BIOL 3321](#); junior standing.

**Credits** 3

**Course ID**

001055

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[BIOL 4333](#) Prerequisites (With Grade of 'C' or Better): [BIOL 3321](#), Junior Standing.

**Semester Offered**

Fall and spring semesters

**BIOL 4334 : Research Methods in Ecology**

Introduction to methodology utilized in ecological research, including both field and laboratory techniques. Emphasis on student research, including preparation of research proposal and written and oral presentation of results. Prerequisites: [BIOL 3321](#), 3331; junior standing.

**Credits** 3

**Course ID**

001056

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[BIOL 4334](#) Prerequisites (With Grade of 'C' or Better): [BIOL 3321](#), 3331, Senior Standing

**Semester Offered**

FA/SU

**BIOL 4336 : Cells, Genes and Molecules**

Cells, Genes and Molecules is a course that will address the latest advances in genetics, investigate developmental mechanisms, and explore human genetic disorders by understanding the underlying connection between genes, and the molecular and biochemical basis for the pathogenesis and pathophysiology of clinical disorders. Observations and phenomena will be described as they were discovered in a variety of model organisms, including humans, mice, nematodes, fungi, and fruit flies. The format of the course will be a combination of lectures, discussion of current literature, and group problem-solving sessions. The course will also feature presentations by guest speakers from Houston's world-class Medical Center.

**Credits** 3

**Course ID**

008136

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[BIOL 4336](#) Prerequisites: [BIOL 3321](#), 3334, 3351

**Semester Offered**

Spring semester

**BIOL 4354 : Pathogenic Microbiology**

Study of disease-causing microbes with a focus on host-pathogen interactions, virulence factors, host response, transmission, detection, and prevention. The course will stress important human, plant and animal diseases caused by viruses, bacteria and protozoans. Emphasis will be placed on the emerging molecular techniques used to understand, identify and control epidemics. Prerequisites: [BIOL 3321](#)

**Credits** 3

**Course ID**

007435

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

BIOL Upper-Division Prerequisite (with a 'C' or better): [BIOL 3321](#)

**Semester Offered**

Spring semester

**BIOL 4392 : Directed Reading/Independent Study in Biology**

Student research on a selected problem pursued under the guidance of an assigned member of the faculty. Open only to biology majors. Prerequisite: permission of instructor.

**Credits** 3

**Course ID**

002002

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[BIOL 4392](#) Prerequisites (With Grade of 'C' or Better): [BIOL 3321](#)

**BIOL 4393 : Special Topics in Biology**

Upper-division treatment of selected topics of mutual interest to the professor and students. Open only to biology majors. Prerequisite: [BIOL 3321](#).

**Credits** 3

**Course ID**

002005

**Grading Basis**

Graded

**Course Component**

Special Topics

**Requisites**

[BIOL 4393](#) Prerequisites (With Grade of 'C' or Better): [BIOL 3321](#)

**BIOL 4440 : Microbial Ecology**

Relationships between microorganisms and their biotic and abiotic environments. Includes the study of fundamental principles of the ecology of microorganisms as well as the significance of microbial interactions with plants and animals and their effect on human health and environmental quality. Lecture: 3 hours. Laboratory; 3 hours. Prerequisites: [BIOL 3321](#), 3331.

**Credits** 4

**Course ID**

006540

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[BIOL 4440](#) Prerequisites (With Grade of 'C' or Better): [BIOL 3321](#), 3331

**Semester Offered**

Offered as needed

**BIOL 4449 : Immunology**

The study of the structure and function of the immune system. Lecture: 3 hours. Laboratory: 3 hours. Prerequisites: [BIOL 3321](#). Co-requisites: BIOL 4049

**Credits** 4

**Course ID**

003905

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

BIOL Upper-Division Prerequisite (with a 'C' or better): [BIOL 3321](#)

**Semester Offered**

Spring semester

**BIOL 4450 : Microbial Genetics**

Study of all aspects of the genetics of bacteria, including DNA replication, bacterial genome structure, gene expression and regulation, gene transfer, and bacteriophage genetics. Students will learn about these topics in light of both classics and cutting-edge molecular and bioinformatics-based approaches. The class will also survey the latest applications of microbial genetics to the fields of biotechnology, genetics engineering, agriculture and medicine. 3 lecture hours, 3 hours laboratory per week. Prerequisites: [BIOL 3321/3121](#)

**Credits** 4

**Course ID**

007390

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[BIOL 4450](#) Prerequisites: [BIOL 3321](#), 3121

**Semester Offered**

Offered as needed

**BIOL 4492 : Directed Reading/Independent Study in Biology**

Student research on a selected problem pursued under the guidance of an assigned member of the faculty. Open only to biology majors. Prerequisite: permission of instructor.

**Credits** 4

**Course ID**

001052

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[BIOL 4492](#) Prerequisites (With Grade of 'C' or Better): [BIOL 3321](#)

**BIOL 4493 : Special Topics in Biology**

Upper-division treatment of selected topics of mutual interest to the professor and students. Open only to biology majors. Prerequisite: [BIOL 3321](#).

**Credits** 4

**Course ID**

001053

**Grading Basis**

Graded

**Course Component**

Special Topics

**Requisites**

[BIOL 4493](#) Prerequisites (With Grade of 'C' or Better): [BIOL 3321](#)

## Chemistry

Department Chair: Dr. Michelle Steiger, [steigerm@stthom.edu](mailto:steigerm@stthom.edu)

Chemists and biochemists study matter and the changes it undergoes. They recognize that there are many different substances in everyday life created by a world of atoms and molecules whose nature and actions account for the properties of these substances. Studying chemistry or biochemistry requires thoughtfulness, analysis, and imagination. It also requires exactness as predictions are tested and views of the atomic and molecular world modified based upon the results of measurements.

Admission to courses beyond CHEM 1341 requires a "C" or better in their prerequisites at the University of St. Thomas or their equivalents at another appropriately accredited institution. The decision on the adequacy of an equivalent rests with the department chair.

The Bachelor of Science (BS) degrees in Chemistry and Biochemistry are accredited by the American Chemical Society (ACS) Committee on Professional Training.

**CHEM 1100 : The Chemistry of Food Lab**

This lab course will introduce students to the scientific method, chemical transformations and analysis using food, cooking and baking as the model system. Students will be expected to perform a combination of take-home cooking exercises and in-lab analysis of various foods. Comparisons of how different starting materials and different amounts of certain materials influence the final product will be emphasized. Analytical test on foods will be carried out to emphasize food quality and chemical components

**Credits** 1

**Course ID**

008333

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[CHEM 1100](#) Corequisite: [CHEM 1300](#)

**CHEM 1102 : Quantitative Reasoning for Chemistry Scholars**

The Quantitative Reasoning for Chemistry Scholars course will cover relevant quantitative concepts and problem-solving strategies for General Chemistry I ([CHEM 1341](#)). This course focuses on the application of those concepts which are discussed in [CHEM 1341](#) lecture. The course involves developing speed, accuracy and proficiency with the following quantitative skills: Basic arithmetic operations, calculations with exponents, decimals and the metric system, basic algebraic manipulations, dimensional analysis, conversions, significant figures, word problems, quantitative relationships in the periodic table, chemical nomenclature, balancing equations, stoichiometry, and concentrations. All MSEIP Scholars are required to enroll in this course. However, non-MSEIP Scholars must receive instructor approval to enroll. This is a Pass/Fail course.

**Credits** 1

**Course ID**

008962

**Grading Basis**

Pass/Fail Option

**Course Component**

Lecture

**Requisites**

[CHEM 1102](#) Corequisite: [CHEM 1341](#). Must be MSEIP Scholar or have permission to enroll.

**CHEM 1141 : General Chemistry I Laboratory**

The experiments illustrate and reinforce chemical principles and concepts by use of quantitative as well as qualitative methods. Emphasis is on the interpretation and reporting of data as well as facility in handling laboratory equipment. Laboratory: Minimum 3 hours per week. Co-requisites [CHEM 1141](#): [CHEM 1341](#); Co-requisites [CHEM 1142](#): 1342.

**Credits** 1

**Course ID**

001064

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[CHEM 1141](#) Corequisite: [CHEM 1341](#)

**Semester Offered**

Fall and spring semesters



**CHEM 1142 : General Chemistry II Laboratory**

The experiments illustrate and reinforce chemical principles and concepts by use of quantitative as well as qualitative methods. Emphasis is on the interpretation and reporting of data as well as facility in handling laboratory equipment. Laboratory: Minimum 3 hours per week. Co-requisites [CHEM 1141](#); [CHEM 1341](#); Co-requisites [CHEM 1142](#); 1342.

**Credits** 1

**Course ID**

001065

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[CHEM 1142](#) Corequisite: [CHEM 1342](#)

**Semester Offered**

SP/SU

**CHEM 1300 : Chemistry of Food**

This core course will introduce students to the scientific method and chemistry using the components and transformations associated with food and cooking/baking. This course will cover general chemistry, organic chemistry and biochemistry topics as they relate to food and cooking. Student will be expected to utilize their knowledge of the chemical properties and the cooking/baking process to predict how alterations to a recipe will alter the final food produced

**Credits** 3

**Course ID**

008332

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[CHEM 1300](#) Corequisite: [CHEM 1100](#)

**CHEM 1341 : General Chemistry I**

Fundamental laws and concepts are presented and studied qualitatively and quantitatively. Topics include atomic theory and molecular structure; states of matter; physical and chemical equilibria; kinetics; electrochemistry; elementary inorganic, organic and nuclear chemistry.

**Credits** 3

**Course ID**

001062

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[CHEM 1341](#) Corequisite: [CHEM 1141](#)

**Semester Offered**

Fall and spring semesters

**CHEM 1342 : General Chemistry II**

Fundamental laws and concepts are presented and studied qualitatively and quantitatively. Topics include atomic theory and molecular structure; states of matter; physical and chemical equilibria; kinetics; electrochemistry; elementary inorganic, organic and nuclear chemistry. Concurrent requisites [CHEM 1341: CHEM 1141](#), CHEM 1041R (recitation); Prerequisite: for [CHEM 1341](#): "C" or better in high school chemistry or permission of faculty member. Concurrent requisites [CHEM 1342: CHEM 1142](#), CHEM 1042R (recitation). Prerequisite:for [CHEM 1342: CHEM 1341](#) or permission of instructor. 1041R, 1042R–General Chemistry Recitation Each lecture section has a required, concurrent recitation section, i.e., [CHEM 1341A](#) requires CHEM 1041RA. No credit, no charge.

**Credits** 3**Course ID**

001063

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**[CHEM 1342](#) Prerequisite (C or better): [CHEM 1341/1141](#). Corequisite: [CHEM 1142](#)**Semester Offered**

SP/SU

**CHEM 2143 : Organic Chemistry I Laboratory**

Practical experience in the fundamental techniques of preparing, purifying and identifying organic compounds, and investigations into some of the more important reactions of specific compounds. Laboratory: minimum 4 hours per week. Co-requisites [CHEM 2343: CHEM 2143](#); CHEM 2344:CHEM 2144.

**Credits** 1**Course ID**

001068

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**[CHEM 2143](#) Corequisite: [CHEM 2343](#)**Semester Offered**

Fall and spring semesters

**CHEM 2343 : Organic Chemistry I**

Chemistry of carbon-containing compounds. First semester: principles of structure, mechanism and reactivity as a basis for explaining organic chemical reactions. Second semester: these basic concepts are used to develop an understanding of the reactions of functional groups found in organic molecules. Co-requisites Chem 2343: [CHEM 2143](#); CHEM 2344: CHEM 2144. Pre-requisites [CHEM 2343](#): [CHEM 1341](#), 1342, 1141, 1142. CHEM 2344: [CHEM 2343](#).

**Credits** 3

**Course ID**

001066

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[CHEM 2343](#) Prerequisite: [CHEM 1342](#)/1142; Corequisite: [CHEM 2143](#).

**Semester Offered**

Fall and spring semesters

**CHEM 3133 : Organic Chemistry II Laboratory**

Practical experience in the fundamental techniques of preparing, purifying and identifying organic compounds, and investigations into some of the more important reactions of specific compounds. Laboratory: minimum 4 hours per week. Co-requisites [CHEM 3333](#)

**Credits** 1

**Course ID**

001069

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[CHEM 3133](#) Corequisite: [CHEM 3333](#)

**Semester Offered**

SP/SU

**CHEM 3134 : Biochemistry Laboratory**

([BIOL 3134](#)) Preparation of dilutions, buffer preparation, titration of amino acids, colorimetric tests for proteins, carbohydrates and nucleic acids, chromatography, preparation of standard curves for unknown identification, spectrophotometry, enzyme kinetics and electrophoresis. Accompanies CHEM/[BIOL 3334](#). Laboratory: 3 hours per week. Corequisite: [CHEM 3334](#). Prerequisites: junior standing; [CHEM 2343](#), 2143 or permission of instructor.

**Credits** 1

**Course ID**

001073

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[CHEM 3134](#) Corequisite: [CHEM 3334](#)

**Semester Offered**

Fall and spring semesters

**CHEM 3143 : Analytical Chemistry Laboratory**

Gravimetric and volumetric methods of analysis, the generation and analysis of analytical data and simple instrumental methods are presented. Corequisite: [CHEM 3343](#). Laboratory: minimum 4 hours each week.

**Credits** 1

**Course ID**

006056

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[CHEM 3143](#) Corequisite: [CHEM 3343](#)

**Semester Offered**

Fall semester

**CHEM 3333 : Organic Chemistry II**

Chemistry of carbon-containing compounds. First semester: principles of structure, mechanism and reactivity as a basis for explaining organic chemical reactions. Second semester: these basic concepts are used to develop an understanding of the reactions of functional groups found in organic molecules. Co-requisites Chem 3133: [CHEM 2143](#); CHEM 2344: CHEM 2144. Pre-requisites [CHEM 2343](#): [CHEM 1341](#), 1342, 1141, 1142. CHEM 2344: [CHEM 2343](#).

**Credits** 3

**Course ID**

001067

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[CHEM 3333](#) Prerequisite: [CHEM 2343/2143](#); Corequisite: [CHEM 3133](#).

**CHEM 3334 : Biochemistry**

([BIOL 3334](#)) An introductory course in biochemistry, focusing on amino acids, proteins, enzymes, nucleic acids, carbohydrates and lipids. Co-requisite: [CHEM 3134](#). Prerequisites: junior standing; [CHEM 2343](#), 2143 or permission of instructor.

**Credits** 3

**Course ID**

001072

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[CHEM 3334](#) Prerequisites: [CHEM 2343](#), 2143

**Semester Offered**

Fall and spring semesters

**CHEM 3343 : Analytical Chemistry**

Classical Quantitative Analysis. Gravimetric and volumetric methods of analysis, including stoichiometry, equilibria, acids, bases, buffers, redox chemistry and electrochemistry. Instrumental methods are introduced. The use of statistics in data analysis will also be covered. Co-requisite: [CHEM 3143](#). Prerequisites: [CHEM 1341](#), 1342.

**Credits** 3

**Course ID**

001074

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[CHEM 3343](#) Prerequisite: [CHEM 1342/1142](#); Corequisite: [CHEM 3143](#).

**Semester Offered**

Fall semester

**CHEM 3353 : Computational Chemistry**

Introduction to the main areas of computational chemistry including theoretical background, algorithms and implementation, and applications in molecular modeling. Major topics include potential energy surfaces, molecular mechanics, continuum methods, docking, molecular dynamics, quantum mechanics, basis-sets, and post Hartree-Fock methods. This hands-on course will also provide experience in scientific programming in Python, and use a variety of free software tools for molecular visualization and simulation. No prior programming experience is assumed.

**Credits** 3**Course ID**

009597

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**[CHEM 3353](#) Prerequisites (with a grade of 'C' or better): [CHEM 1342/1142](#), [MATH 1432](#)**Semester Offered**

Spring semester, even years

**CHEM 4112 : Scientific Communication**

This course develops the abilities of students to communicate science effectively in a variety of contexts. Topics include speaking and writing science. Students will also research an approved topic and present their work in the form of a professional meeting. Prereq: Junior/Senior standing

**Credits** 1**Course ID**

001077

**Grading Basis**

Graded

**Course Component**

Seminar

**Requisites**[CHEM 4112](#) Prerequisite: Junior/Senior Standing.**Semester Offered**

Fall semester

**CHEM 4131 : Advanced Organic Chemistry Laboratory**

Application of modern laboratory techniques in research projects encompassing use of the literature, modern synthetic protocols, including "green chemistry" and spectroscopic analysis. Minimum 4 hours of laboratory each week. Prerequisites: CHEM 2344, 2144. Corequisite: [CHEM 4331](#). Scheduled with [CHEM 4331](#).

**Credits** 1

**Course ID**

006096

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[CHEM 4131](#) Corequisite: [CHEM 4331](#).

**Semester Offered**

Fall semester

**CHEM 4132 : Inorganic Chemistry Laboratory**

Main group, transition metal and organometallic compounds are synthesized and characterized by various instrumental techniques. Corequisite: [CHEM 4332](#).

**Credits** 1

**Course ID**

006165

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[CHEM 4132](#) Corequisite: [CHEM 4332](#)

**Semester Offered**

Spring semester

**CHEM 4150 : Laboratory Research Methods**

Students participate in an independent research project under the direction of a faculty member. A minimum of 3 laboratory hours per week is required. Students interested in taking this course should seek a faculty research advisor in advance of registering for this course since this course is only offered when funding and enrollment positions are available.

**Credits** 1

**Course ID**

002006

**Grading Basis**

Pass/Fail Option

**Course Component**

Laboratory

**Requisites**

[CHEM 4150](#) Prerequisites: Junior/Senior Standing

**Semester Offered**

Fall semester

**CHEM 4151 : Senior Thesis**

Students in this course will continue the independent research projects begun in [CHEM 4150](#). A minimum of 3 laboratory hours per week are expected for students enrolled in this course. Successful completion of this course requires students to write a formal research paper over the research project.

**Credits** 1

**Course ID**

009292

**Grading Basis**

Pass/Fail Option

**Course Component**

Laboratory

**Requisites**

[CHEM 4151](#) Prerequisites: Junior/Senior Standing; [CHEM 4150](#)

**Semester Offered**

Spring semester

**CHEM 4161 : Physical Chemistry I Laboratory**

Covers measurement techniques related to thermodynamics and kinetics. Topics include electronic measurements of pressure and temperature, gas phase spectroscopy, thermodynamic cycles, and reaction kinetics. Analysis topics include confidence intervals, linear and non-linear regression, propagation of errors, and Python programming for numerical analysis and visualization.

**Credits** 1

**Course ID**

009598

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[CHEM 4161](#) Corequisite: [CHEM 4361](#)

**Semester Offered**

Fall semester

**CHEM 4162 : Reaction Kinetics**

This course focuses on the concepts and applications of physical and chemical rate processes. The central objective of this course is to extend students' understanding of the elementary concepts of rate processes and chemical kinetics that they learnt in their previous chemistry and physics courses. The course will focus on the following: Kinetic theory of gases and liquids, mass transfer and diffusion, chemical reaction kinetics, batch and flow reactors, and complex reaction mechanisms.

**Credits** 1

**Course ID**

001089

**Grading Basis**

Graded

**Course Component**

Laboratory

**Semester Offered**

Spring semester



**CHEM 4192 : Directed Reading/Independent Study in Chemistry**

Individual projects in chemistry. Permission of the department chair required. May be repeated.

**Credits** 1

**Course ID**

002009

**Grading Basis**

Graded

**Course Component**

Independent Study

**CHEM 4193 : Special Topics in Chemistry**

Upper-division treatment of selected topics of mutual interest to the faculty member and students.

**Credits** 1

**Course ID**

003968

**Grading Basis**

Graded

**Course Component**

Special Topics

**CHEM 4250 : Laboratory Research Methods**

Students participate in faculty and departmental research programs. The initial project may be continued or a new project undertaken for additional credit. A minimum of 3 laboratory hours per week per credit hour. Nonchemistry majors may enroll with permission of the faculty research advisor. Course is offered when research funding and faculty advisors are available. (Pass/Fail grade).

**Credits** 2

**Course ID**

002007

**Grading Basis**

Pass/Fail Option

**Course Component**

Laboratory

**CHEM 4292 : Directed Reading/Independent Study in Chemistry**

Individual projects in chemistry. Permission of the department chair required. May be repeated.

**Credits** 2

**Course ID**

002010

**Grading Basis**

Graded

**Course Component**

Independent Study

**CHEM 4293 : Special Topics in Chemistry**

Upper-division treatment of selected topics of mutual interest to the faculty member and students.

**Credits** 2

**Course ID**

003971

**Grading Basis**

Graded

**Course Component**

Special Topics

**CHEM 4331 : Advanced Organic Chemistry**

Concepts of modern organic chemistry with special emphasis on bonding theory, stereochemistry, reaction mechanism, structure determination, synthesis design and heterocyclic chemistry.. Prerequisites: CHEM 2344, 2144. Corequisite: [CHEM 4131](#).

**Credits** 3

**Course ID**

001084

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[CHEM 4331](#) Prerequisites: [CHEM 3333](#)/3133; Corequisite: [CHEM 4131](#).

**Semester Offered**

Fall semester

**CHEM 4332 : Inorganic Chemistry**

A selection of basic and current topics of inorganic chemistry. Topics include: atomic theory, ionic and covalent bonding, acid/bases and nonaqueous solvents, symmetry, transition metal (structures, chemistry and bonding) and organometallics. Prerequisites: [CHEM 3333](#), 3133. Corequisite: 4132.

**Credits** 3

**Course ID**

001085

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[CHEM 4332](#) Prerequisites: [CHEM 3333](#)/3133; Corequisite: [CHEM 4132](#).

**Semester Offered**

Spring semester

**CHEM 4334 : Advanced Biochemistry**

Focus will be on advanced topics such as detailed analysis of nucleic acid chemistry, nucleic acid-protein interactions, protein-protein interactions and some special topics on the biochemistry of diseases. The course will include instructor-led lectures and group discussions of classical and current primary literature papers.

Prerequisites: CHEM/[BIOL 3334](#)

**Credits** 3

**Course ID**

007136

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[CHEM 4334](#) Prerequisites (With Grade of 'C' or Better): CHEM/[BIOL 3334](#)

**Semester Offered**

Fall semester

**CHEM 4344 : Advanced Analytical Techniques**

This advanced course has an applications-focused approach to analytical chemistry with an emphasis on the development of analytical skills useful to any scientific field. A major component of this course will be method development and optimization. Students will be expected to draw on prior knowledge of general and analytical chemistry concepts and laboratory skills. This course will allow the student to delve deeper into the analytical process using a variety of modern analytical techniques and instrumentation to separate, identify, and quantify analytes. Students will be encouraged to select new techniques and instrumentation that involve industrial, clinical and environmental applications. Prerequisites: CHEM 3345/3145.

**Credits** 3**Course ID**

008149

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**[CHEM 4344](#) Prerequisites: [CHEM 3343](#)/3143**Semester Offered**

Spring semester, odd years

**CHEM 4350 : Laboratory Research Methods**

Students participate in faculty and departmental research programs. The initial project may be continued or a new project undertaken for additional credit. A minimum of 3 laboratory hours per week per credit hour. Nonchemistry majors may enroll with permission of the faculty research advisor. Course is offered when research funding and faculty advisors are available. (Pass/Fail grade).

**Credits** 3**Course ID**

002008

**Grading Basis**

Pass/Fail Option

**Course Component**

Laboratory

**CHEM 4354 : Environmental Chemistry**

Fundamental laws and concepts of chemistry as they relate to the interaction of chemicals with the environment. Corequisites: CHEM 4154. Prerequisites: [CHEM 3343](#), 3143.

**Credits** 3**Course ID**

006167

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**[CHEM 4354](#) Prerequisites: [CHEM 3333](#), 3133**Semester Offered**

Spring semester, even years

**CHEM 4362 : Physical Chemistry II**

Covers kinetic molecular theory and quantum mechanics. Major topics include continuous probability distributions, the origins of quantum theory, solutions to Schrodinger's equation for model systems and the hydrogen atom, approximation methods including perturbation and variational principle, and iterative solutions based off the Hartree-Fock method. Main application areas are molecular spectroscopy, tunneling, computational chemistry, and potential energy surfaces. The language of calculus and differential equations is used throughout.

**Credits** 3

**Course ID**

001087

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[CHEM 4362](#) Prerequisite (with a 'C' or better): [CHEM 4361/4161](#).

**Semester Offered**

Spring semester

**CHEM 4364 : Materials Science**

This course will cover physical and chemical concepts of materials with a special emphasis on nanomaterials. After introducing underlying concepts of condensed matter physics the relationship between structure, properties (electrical, optical, chemical, magnetic) and performance of nanomaterials is investigated. Characterization and fabrication methods as well as interdisciplinary applications ranging from drug delivery and therapy to nanoelectronics and alternative energy production are discussed.

**Credits** 3

**Course ID**

008515

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[CHEM 4364](#) Prerequisites: [CHEM 2343/2143](#) OR [PHYS 3337/3137](#).

**Semester Offered**

Fall semester, even years

**CHEM 4392 : Directed Reading/Independent Study in Chemistry**

Individual projects in chemistry. Permission of the department chair required. May be repeated.

**Credits** 3

**Course ID**

002011

**Grading Basis**

Graded

**Course Component**

Independent Study

**CHEM 4393 : Special Topics in Chemistry**

Upper division treatment of selected topics of mutual interest to the professor and students. Prerequisite: Instructor Consent.

**Credits** 3

**Course ID**

003807

**Grading Basis**

Graded

**Course Component**

Special Topics

**CHEM 4450 : Laboratory Research Methods**

Students participate in faculty and departmental research programs. The initial project may be continued or a new project undertaken for additional credit. A minimum of 3 laboratory hours per week per credit hour. Nonchemistry majors may enroll with permission of the faculty research advisor. Course is offered when research funding and faculty advisors are available. (Pass/Fail grade).

**Credits** 4

**Course ID**

001079

**Grading Basis**

Pass/Fail Option

**Course Component**

Lecture

**CHEM 4492 : Directed Reading/Independent Study in Chemistry**

Individual projects in chemistry. Permission of the department chair required. May be repeated.

**Credits** 4

**Course ID**

001080

**Grading Basis**

Graded

**Course Component**

Independent Study

**CHEM 4493 : Special Topics in Chemistry**

Upper-division treatment of selected topics of mutual interest to the faculty member and students.

**Credits** 4

**Course ID**

001081

**Grading Basis**

Graded

**Course Component**

Lecture

## Communication

The Communication Department includes the fields of digital media, journalism, public relations, film studies, communication theory and media studies. Through both course offerings and professional activities, students learn written and oral communication, professional and technical competencies, critical and creative thinking,

and develop an understanding of the historical, theoretical, ethical, and legal parameters of the field. By participating in a creative and dynamic program that approaches the field both theoretically and practically, students are prepared for either professional careers and/or graduate study.

**COMM 1310 : Writing for the Media**

Introduces students to the basic skills needed for a career in mass communication. No matter which field of communication they will enter, good writing must lie at the heart of their craft. Throughout the course, students learn standard conventions of the English language, including grammar, punctuation, spelling, diction, and paragraph construction to help them construct clear, simple messages for various audiences. They also discuss the nature of news, both print and broadcast, and the difference between news writing, public relations, marketing and propaganda. They cover research and interview techniques for both news and public relations, and learn how to write leads, craft copy, and edit.

**Credits** 3

**Course ID**

008456

**Grading Basis**

Graded

**Course Component**

Lecture

**COMM 1312 : Pathways in Communication**

This course introduces students to career pathways in Communication related fields – industry, media, research, academia, etc. Prominent guest lecturers from respective fields will share key insights with students and help to position them for career opportunities and success after college. Students will research various career pathways, create a personal development plan, and engage in a variety of external professional experiences with community and industry partners.

**Credits** 3

**Course ID**

009576

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall semester

**COMM 1331 : Public Speaking**

Study of the fundamental principles and practices of oral communication and rhetorical strategies; methods of selecting, organizing, evaluating and communicating information. Designed to give students an understanding of their own speaking and listening abilities and an opportunity to develop these abilities to make them more effective in various communication situations. Enrollment limited

**Credits** 3

**Course ID**

001112

**Grading Basis**

Graded

**Course Component**

Lecture

**COMM 2310 : Communication and the Liberal Arts**

This course examines the relationship between communication media and the classical tradition of the liberal arts. The different ways in which oral and written communication, auditory and visual forms of media, shape the epistemic organization of human culture and values are studied in their mutually constitutive relation to the philosophical, aesthetic, and theological foundations of liberal arts instruction in western society.

**Credits** 3

**Course ID**

009575

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Offered as needed

**COMM 2330 : Intro to Media Studies**

This course introduces students to the discipline of media studies and the fundamentals of rhetoric, strategic communication, representation theory, history of media, genre studies, analysis, and other key themes that allow students to better understand the business, circulation, socio-cultural implications, rhetorical strategies, and humanistic considerations of media, communication, and representation. These foundational skills translate across media modes, genres, and platforms by empowering students to understand and gain a critical awareness of how media and communication impacts our lives, and how our subjective understandings, in turn, impact the processes of production.

**Credits** 3

**Course ID**

009430

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall semester

**COMM 2332 : Persuasion and Argumentation**

Study of the process of persuasion, the nature of argumentation, influence, methods and proof. Includes both theory and practice.

**Credits** 3

**Course ID**

001114

**Grading Basis**

Graded

**Course Component**

Lecture

**COMM 2341 : Newswriting and Reporting**

Introduction to newswriting, news story style, structure and readability. The course also acquaints the student with techniques of interviewing and reporting routine stories, i.e., deaths, crimes, accidents, meetings and simple features.

**Credits** 3

**Course ID**

001115

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[COMM 2341](#) Prerequisite: [COMM 1310](#)

**COMM 2351 : Understanding Film**

Introductory study of all the aesthetic and technical components of film-making.

**Credits** 3

**Course ID**

008652

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall semester

**COMM 2361 : Introduction to the Mass Media**

History, economics, public control, programming, social effects and future of telecommunications, primarily radio and television broadcasting and broadband cable communication systems. Citizens' responsibilities in the development of telecommunication systems and services.

**Credits** 3

**Course ID**

001117

**Grading Basis**

Graded

**Course Component**

Lecture

**COMM 2362 : Digital Audio Production**

Introduction to audio production. Students learn to create digital audio media for commercial, artistic, and news purposes. The course includes laboratory experiences in programming, writing and performance.

**Credits** 3

**Course ID**

001118

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Offered as needed



**COMM 2463 : Television Production I**

Theoretical background and practical application of television production. Bridges a variety of techniques applied to both commercial and educational fields. Studio practice in the producing and directing of programs for television.

**Credits** 4

**Course ID**

001119

**Grading Basis**

Graded

**Course Component**

Lecture

**COMM 3310 : Media, Society, and Technology**

This course explores the reciprocal relationship between digital media, society, and technology. Drawing from Marshall McLuhan's theories and the concept of media ecology, students examine how digital media shapes and is shaped by active audience engagement. Through theoretical readings, case studies, and discussions, topics such as identity formation, social relationships, and cultural production are explored. Students gain insights into the holistic nature of media ecosystems and develop a nuanced understanding of the dynamic inter play between digital media and society. The course focuses heavily on the socio-cultural, ethical, moral, and humanistic questions that arise with the advent of new technologies. Practical assignments allow for hands-on exploration of digital media phenomena, equipping students with critical thinking skills for navigating the ever evolving digital landscape.

**Credits** 3

**Course ID**

009618

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Offered as needed

**COMM 3333 : Nonverbal Communication**

Analysis of vocal and nonverbal interaction variables, including gestures, posture, territory/space, paralanguage, facial expressions, eye behavior, environment, touch, clothing and time.

**Credits** 3

**Course ID**

001120

**Grading Basis**

Graded

**Course Component**

Lecture

**COMM 3342 : News Editing**

Functions, responsibilities and techniques of news editing, evaluation and processing of news. Headline writing, picture editing and page makeup. Prerequisite: [COMM 2341](#).

**Credits** 3

**Course ID**

001121

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[COMM 3342](#) Prerequisite: [COMM 2341](#)

**COMM 3345 : Public Relations I**

Nature of public relations practices in business, education and government. Emphasis on public relations strategies, identifying target public, press relations, cost management and planning public relations programs. Prerequisite: at least sophomore standing and [COMM 2341](#) (concurrent registration acceptable).

**Credits** 3

**Course ID**

001122

**Grading Basis**

Graded

**Course Component**

Lecture

**COMM 3346 : Public Relations II**

Practical application of public relations theories and strategies; students develop hypothetical persuasive campaigns of "professional" quality. Prerequisite: [COMM 3345](#).

**Credits** 3

**Course ID**

001123

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[COMM 3346](#) Prerequisite: [COMM 3345](#)

**COMM 3350 : Interpersonal Communication**

Grounded in a Catholic humanist perspective, this course studies advanced concepts in the field of interpersonal communication, such as: the phenomenology and semiotics of interpersonal interaction, understanding, and meaning; the interpersonal development and maintenance of conceptions of selfhood; the sociocultural background of interpersonal action; the technologically mediated character of contemporary social interactions; and the ethics of dialogue and friendship.

**Credits** 3

**Course ID**

001116

**Grading Basis**

Graded

**Course Component**

Lecture

**COMM 3353 : Journalism for the Media**

Newswriting and reporting for the digital media, focusing on the development of a journalistic style applicable to the digital media news style writing. The course teaches students to integrate audio and visual aesthetics with writing, while including criticisms, criteria and measures of media effectiveness. Prerequisites: [COMM 1310](#), 1331.

**Credits** 3

**Course ID**

001124

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[COMM 3353](#) Prerequisites: [COMM 1310](#), 1331.

**COMM 3354 : Film & Society**

This course looks at how American films of the 20th and 21st centuries have been a mirror to society. By viewing a selection of films from various decades, students will accumulate a portfolio of social/cultural issues set against the backdrop of American history. Students will study each film for its production/aesthetic values and they will analyze the "film inside the film" for its social themes. Prerequisites: [COMM 2351](#)

**Credits** 3

**Course ID**

008655

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[COMM 3354](#) Prerequisites: [COMM 2351](#)

**Semester Offered**

Offered as needed

**COMM 3355 : Advanced Screenwriting**

In this course students will simulate the creative writing process of professional TV and film writers. Working in a team, they will conceptualize and write a television series. All students will work on the pilot as a group. Each student will also be assigned an individual episode. Additionally, each student will write a film script. [COMM 2352](#) or permission of department chair.

**Credits** 3

**Course ID**

008656

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[COMM 3355](#) Prerequisites: [COMM 2352](#) or permission of department chair.

**Semester Offered**

Spring semester, odd years

**COMM 3363 : Beginning Digital Media**

Theoretical background and practical applications of digital media production for commercial, artistic and news related content, taught in a studio setting.

**Credits** 3

**Course ID**

008659

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall semester

**COMM 3364 : Advanced Digital Media**

Advanced Digital Media enhances student understanding of all the elements of digital media production (in the studio and in the field), such as camera placement and operations, camera color balancing, camera optics, light levels and the use of special filters, lighting techniques, including existing light and three-point lighting. Also included are elements of effective visual composition, an understanding postproduction, along with the ability to critique the strengths and weaknesses of digital media production. Prerequisites: [COMM 3363](#)

**Credits** 3

**Course ID**

005565

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[COMM 3364](#) Prerequisites: [COMM 3363](#)

**Semester Offered**

Spring semester

**COMM 3367 : Performing for the Media**

This course provides students with the knowledge and skills needed in broadcast announcing. It emphasizes radio and television announcing skills such as voice quality, articulation, enunciation and pronunciation, including preparation for on-air and voice over positions. The focus is on performance skills used in voice over as well as on-camera work. Students learn the following: how to interpret copy, how to ad lib or speak impromptu, how to vary voice pitch and volume effectively, how to write a broadcast script, and how to be part of a television production or show.

**Credits** 3

**Course ID**

008675

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[COMM 3367](#) Prerequisites

**Semester Offered**

Offered as needed

**COMM 3370 : Rhetorical Dimensions of the Media**

An analysis of major contributions to rhetorical theory. Study will include criticism, criteria, and measures of effectiveness in the mass media. Prerequisites: [COMM 1331](#) and 9 credit hours of English

**Credits** 3

**Course ID**

001125

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[COMM 3370](#) Prerequisites: [COMM 1331](#) and 9 Credit Hours of English

**COMM 3375 : Editing for the Digital Media**

Applied theory and technique in editing digital video. Students learn the process of non-linear digital video editing using appropriate professional software. The class covers the technical and aesthetic elements of editing for news, commercial and artistic purposes.

**Credits** 3

**Course ID**

001126

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Spring semester

**COMM 3376 : Motion Graphics for Digital Media**

The course focuses on editing systems and methods. It enables students to process image and video elements in media content, and organize such content for total effect and final delivery. Students apply a comprehensive set of critical and evaluative skills to make sound judgment calls and educated decisions for digital motion graphics.

**Credits** 3

**Course ID**

008676

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[COMM 3376](#) Prerequisites: [COMM 3375](#)

**Semester Offered**

Fall semester, even years

**COMM 3381 : Social Impact of the Media**

Study of the process and effects of mass communication, including audience characteristics, diffusion of innovations, political processes, media violence, social learning, children and television and social effects of emerging media technologies. Prerequisites: junior standing; 9 credit hours of English.

**Credits** 3

**Course ID**

001127

**Grading Basis**

Graded

**Course Component**

Lecture

**COMM 3382 : Mass Communication Law**

Analysis and examination of statutory laws, congressional legislation and federal rules and regulations governing the mass media in the United States. Focus on the First Amendment, libel and slander, privacy, copyright, free press/fair trial, obscenity, advertising, antitrust and monopoly, taxation and licensing. Prerequisite: junior standing, completion of 6 credit hours of communication.

**Credits** 3

**Course ID**

001128

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[COMM 3382](#) Prerequisites: Junior Standing & 6 Hrs COMM

**COMM 3383 : Intro to Media Management**

This course will educate students on the practical aspects of media management; from training, recruiting and acknowledging both professionals and volunteers, to ethical fund-raising, development and measurement of success, along with detailed emphasis on aspects of the Catholic Church teachings on mass media as expressed in the Vatican II decree.

**Credits** 3

**Course ID**

008677

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Offered as needed

**COMM 3464 : Television Production II**

Advanced work in television production, concentrating in electronic field videography and news– gathering techniques. Classroom lecture will be supplemented with extensive practical application. Prerequisite: [COMM 2463](#) or its equivalent.

**Credits** 4

**Course ID**

001129

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[COMM 3464](#) Prerequisite: [COMM 2463](#)

**COMM 4191 : Internship in Communication**

Practicum or on–the–job experience under guidance of practicing specialists in the communication field. To be supervised individually by a department faculty member with the approval of the chair. May be repeated for a maximum of 6 credit hours.

**Credits** 1

**Course ID**

002024

**Grading Basis**

Graded

**Course Component**

Internship

**COMM 4192 : Directed Reading/Independent Study in Communication**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Substantial research paper or audio/video production required. May be repeated for a maximum of 6 credit hours. Prerequisites: junior– or senior–level status; permission of faculty member

**Credits** 1

**Course ID**

002029

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[COMM 4192](#) Prerequisite: Junior Standing

**COMM 4193 : Special Topics in Communication**

Upper–division treatment of selected topics of mutual interest to the faculty member and students.

**Credits** 1

**Course ID**

002033

**Grading Basis**

Graded

**Course Component**

Special Topics

**COMM 4291 : Internship in Communication**

Practicum or on-the-job experience under guidance of practicing specialists in the communication field. To be supervised individually by a department faculty member with the approval of the chair. May be repeated for a maximum of 6 credit hours.

**Credits** 2

**Course ID**

002025

**Grading Basis**

Graded

**Course Component**

Internship

**COMM 4292 : Directed Reading/Independent Study in Communication**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Substantial research paper or audio/video production required. May be repeated for a maximum of 6 credit hours. Prerequisites: junior- or senior-level status; permission of faculty member

**Credits** 2

**Course ID**

002030

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[COMM 4292](#) Prerequisite: Junior Standing

**COMM 4293 : Special Topics in Communication**

Upper-division treatment of selected topics of mutual interest to the faculty member and students.

**Credits** 2

**Course ID**

002034

**Grading Basis**

Graded

**Course Component**

Special Topics

**COMM 4350 : Feature Writing**

Techniques of nonfiction feature writing for newspapers and magazines. Students will gain practical experience in preparing query letters and manuscripts for publication. Prerequisite: [COMM 2341](#) or permission of faculty member.

**Credits** 3

**Course ID**

001132

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[COMM 4350](#) Prerequisite: [COMM 2341](#)



**COMM 4354 : Documentary Production**

This course provides an intensive, hands-on experience in documentary media production, including logistics, research, planning, project-management, and delivery/exhibition. Working in teams, students conceptualize, develop, and implement a documentary film, video, or digital media project over the course of the semester. All students will receive training in core aspects of the documentary production process, but the course will culminate in a team project with students filling specific crew roles based on prior coursework and individual experience – research, producing, directing, cinematography, production sound, and editing.

**Credits** 3**Course ID**

009433

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Offered as needed

**COMM 4355 : Film Practicum**

In an advanced lab setting, seniors will build their portfolios by creating a number of projects ranging from fully developed scripts to short films, documentaries and TV episodes. Prerequisites: [COMM 2351](#), 2352, 3363, 3364, 3375

**Credits** 3**Course ID**

008680

**Grading Basis**

Graded

**Course Component**

Practicum

**Requisites**[COMM 4355](#) Prerequisites: [COMM 2351](#), 2352, 3363, 3364, 3375**Semester Offered**

Spring semester, even years

**COMM 4360 : Digital Media Practicum**

Students will build their digital media portfolios, in a lab setting, by creating a number of projects ranging from news stories and features to documentaries and short films.

**Credits** 3**Course ID**

008682

**Grading Basis**

Graded

**Course Component**

Practicum

**Requisites**[COMM 4360](#) Prerequisites: [COMM 3363](#), 3364, 3375**Semester Offered**

Spring semester

**COMM 4361 : Project-Based Practicum in Communication**

This is a project-based practicum course that focuses on design thinking, leadership/teamwork, and the real-world application of academic and professional skills. Students work in teams of 4-5 to execute an industry sponsored project with the guidance of a faculty mentor. The course consists of a series of structured class meetings, followed by a field practice period of approximately 9 weeks. During the fieldwork phase, students meet weekly to debrief in small groups with a faculty or industry advisor. Students maintain a weekly progress report, as well as an ongoing self-assessment of performance and lessons learned. The course culminates in a Leadership Project Review, which includes a written overview and an oral presentation on the overall project experience and learning outcomes.

**Credits** 3

**Course ID**

009432

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Offered as needed

**COMM 4375 : Media Ethics**

A systematic, case-study approach to moral dilemmas encountered by media practitioners, including questions of truth, privacy, confidentiality and conflicts of interest. Prerequisites: junior standing or permission of faculty member; [PHIL 2314](#).

**Credits** 3

**Course ID**

001134

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[COMM 4375](#) Prerequisite: [PHIL 2314](#) & Junior Standing

**COMM 4380 : Propaganda & Mass Communication**

The class gives students a deep understanding of what propaganda is, how it differs from persuasion and what role it has in societies, both past and present. Students gain insights of the historical and social contexts in which various types of propaganda have occurred from a mass communication and media filtered perspective. Students also analyze and research various topic-specific case studies in propaganda, both past and current. Emphasis is also placed on the role of film and documentary making in various propaganda campaigns.

**Credits** 3

**Course ID**

008683

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[COMM 4380](#) Prerequisites: [COMM 2361](#)

**Semester Offered**

Offered as needed

**COMM 4383 : Communication Theory**

Analysis of various theoretical models of communication, behavioral science theories and communication research paradigms. Topics include information theory, scientific method, balance and congruity theories, dissonance, perception, attitude change, group dynamics, persuasion, interpersonal communication and nonverbal communication. Prerequisites: completion of or current enrollment in [COMM 1331](#), 2350, 2361.

**Credits** 3

**Course ID**

001135

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[COMM 4383](#) Prerequisites: [COMM 1331](#), 2361

**COMM 4385 : Small Group Interaction**

Principles of current methods and theories of human interaction in group situations, both formal and informal. Emphasis on behavioral antecedents and consequences of messages and on processes of positive group interaction. Prerequisites: [COMM 1331](#).

**Credits** 3

**Course ID**

001136

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[COMM 4385](#) Prerequisite: [COMM 1331](#)

**COMM 4391 : Internship in Communication**

Practicum or on-the-job experience under guidance of practicing specialists in the communication field. To be supervised individually by a department faculty member with the approval of the chair. May be repeated for a maximum of 6 credit hours.

**Credits** 3

**Course ID**

002026

**Grading Basis**

Graded

**Course Component**

Internship

**COMM 4392 : Directed Reading/Independent Study in Communication**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Substantial research paper or audio/video production required. May be repeated for a maximum of 6 credit hours. Prerequisites: junior- or senior-level status; permission of faculty member

**Credits** 3

**Course ID**

002031

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[COMM 4392](#) Prerequisite: Junior Standing

**COMM 4393 : Special Topics in Communication**

Upper-division treatment of selected topics of mutual interest to the faculty member and students.

**Credits** 3

**Course ID**

002035

**Grading Basis**

Graded

**Course Component**

Special Topics

**COMM 4399 : Senior Thesis**

Optional research-based written project in which the serious senior communication major, in consultation with the appropriate Communication Department faculty member, selects an issue or problem for scholarly study, chooses a faculty committee (consisting of at least two members of the Communication Department and one member outside the department), undertakes significant and substantial research and produces a major paper of publishable quality. This course may be repeated for up to a maximum of 6 credit hours. The chair of the Communication Department sits as a voting member on all senior thesis committees. Prerequisite: approval of the chair.

**Credits** 3

**Course ID**

001137

**Grading Basis**

Graded

**Course Component**

Thesis Research

**COMM 4491 : Internship in Communication**

Practicum or on-the-job experience under guidance of practicing specialists in the communication field. To be supervised individually by a department faculty member with the approval of the chair. May be repeated for a maximum of 6 credit hours.

**Credits** 4

**Course ID**

002027

**Grading Basis**

Graded

**Course Component**

Internship

**COMM 4492 : Directed Reading/Independent Study in Communication**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Substantial research paper or audio/video production required. May be repeated for a maximum of 6 credit hours. Prerequisites: junior- or senior-level status; permission of faculty member

**Credits** 4

**Course ID**

002032

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[COMM 4492](#) Prerequisite: Junior Standing

**COMM 4493 : Special Topics in Communication**

Upper-division treatment of selected topics of mutual interest to the faculty member and students.

**Credits** 4

**Course ID**

001131

**Grading Basis**

Graded

**Course Component**

Special Topics

**COMM 4591 : Internship in Communication**

Practicum or on-the-job experience under guidance of practicing specialists in the communication field. To be supervised individually by a department faculty member with the approval of the chair. May be repeated for a maximum of 6 credit hours.

**Credits** 5

**Course ID**

002028

**Grading Basis**

Graded

**Course Component**

Internship

**COMM 4691 : Internship in Communication**

Practicum or on-the-job experience under guidance of practicing specialists in the communication field. To be supervised individually by a department faculty member with the approval of the chair. May be repeated for a maximum of 6 credit hours.

**Credits** 6

**Course ID**

001130

**Grading Basis**

Graded

**Course Component**

Internship

## Arts (Core)

### **ARTSC 3301 : Art and Contemplation**

Art and Contemplation focuses on how works of art—music, painting, sculpture, dance, photography, and film—reveal aspects of reality that surprise, startle, and provoke us to think. The poet, Dante Alighieri, considered art as the grandchildren of God inasmuch as men and women are His creations, and they in turn fashion earthly materials in forms that reflect the beauty of God. Such creation turns our gaze to beauty, and thereby to our Creator God. Students will come to embrace as their own Fyodor Dostoevsky's famous words, "Beauty will save the world."

**Credits** 3

**Course ID**

009236

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Order and Unity of the World Sequence Requirement: At least one course in the Humanities Sequence must be completed in order to register for this course.

## English (Core)

### **ENGLC 1301 : The Classical Tradition**

The Classical Tradition lays the foundation for the rest of the core curriculum in English through a writing-intensive introduction to some of the most beautiful and life-altering poems and philosophical works of the Classical world. Students will engage primary texts in a manner that hone their capacity to ask good questions, to interpret carefully, to develop the interior life, and to experience reality in all of its multi-layered richness, realizing the relationship of beauty and ugliness to truth and falsity. Concluding with St. Augustine's Confessions, the course immerses students in the ties and tension that exist between Christian revelation and classical culture.

**Credits** 3

**Course ID**

009234

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Humanities Sequence Requirement: At least one course in the Foundations Sequence must be completed in order to register for this course.

**ENGLC 1302 : Middle Ages and Renaissance**

The Middle Ages and Renaissance develops the Core Curriculum in English through a writing-intensive introduction to beautiful, life-altering literary and philosophical works of the Middle Ages and Renaissance. Students will engage primary texts in a manner that hone our capacity to ask good questions, to interpret carefully, to develop the interior life, and to experience reality in all of its multi-layered richness, realizing the relationship of beauty and ugliness to truth and falsity.

**Credits** 3

**Course ID**

009235

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Humanities Sequence Requirement: At least one course in the Foundations Sequence must be completed in order to register for this course. Additional Prerequisite: [ENGLC 1301](#) (OR [ENGL 1341](#)) OR student is in the Honors Program.

**ENGLC 2301 : Modern World and American Expressions**

The Modern World and American Expressions crowns the Core Curriculum in English through a writing-intensive introduction to beautiful, life-altering literary and philosophical works of modern literature. Students will engage primary texts in a manner that hones their capacity to ask good questions, to interpret carefully, to develop the interior life, and to experience reality in all of its multi-layered richness, realizing the relationship of beauty and ugliness to truth and falsity.

**Credits** 3

**Course ID**

009274

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Humanities Sequence Requirement: At least one course in the Foundations Sequence must be completed in order to register for this course.

## History (Core)

**HISTC 1301 : History of Western Culture and Ideas**

A historical perspective on European culture, society, and politics. This course aims to foster both historical consciousness and the stability and circumspection that results from an awareness of the richness and diversity of the past.

**Credits** 3

**Course ID**

009232

**Grading Basis**

Graded

**Course Component**

Lecture

# Liberal Studies (Core)

## **LS 1301 : Foundations of Liberal Learning**

An introduction to the liberal arts of language: grammar, logic, and rhetoric, accompanied by an explanation of liberal learning itself, its nature and importance. The course is interdisciplinary and may be taught from different disciplinary perspectives, depending on the professor.

**Credits** 3

**Course ID**

009229

**Grading Basis**

Graded

**Course Component**

Lecture

## **LS 2301 : History and Philosophy of Science**

**Credits** 3

**Course ID**

009276

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Order and Unity of the World Sequence Requirement: At least one course in the Humanities Sequence must be completed in order to register for this course.

## **LS 2393 : Special Topics in Liberal Studies**

Lower-division treatment of a selected topic of mutual interest to the faculty member and students.

**Credits** 3

**Course ID**

009343

**Grading Basis**

Graded

**Course Component**

Special Topics

**Semester Offered**

Offered as needed



# Mathematics (Core)

## **MATHC 2301 : Quadrivium: The Mathematical Arts**

"Quadrivium: The Mathematical Arts" explores the quantitative arts of the quadrivium: arithmetic, geometry, music, and astronomy. As the second stage of a traditional liberal arts education following the qualitative trivium, the quadrivium reveals the beauty and nature of the created universe through the universal language of mathematics.

**Credits** 3

**Course ID**

009275

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Order and Unity of the World Sequence Requirement: At least one course in the Humanities Sequence must be completed in order to register for this course.

**Semester Offered**

Fall and spring semesters

## **MATHC 2301 : Quadrivium: The Mathematical Arts**

"Quadrivium: The Mathematical Arts" explores the quantitative arts of the quadrivium: arithmetic, geometry, music, and astronomy. As the second stage of a traditional liberal arts education following the qualitative trivium, the quadrivium reveals the beauty and nature of the created universe through the universal language of mathematics.

**Credits** 3

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Order and Unity of the World Sequence Requirement: At least one course in the Humanities Sequence must be completed in order to register for this course.

**Semester Offered**

Fall and spring semesters

## **MATHC 2393 : Special Topics in Core Mathematics**

Lower-division treatment of a selected topic of mutual interest to the faculty member and students.

**Credits** 3

**Course ID**

009585

**Grading Basis**

Graded

**Course Component**

Special Topics

# Philosophy (Core)

## **PHILC 1301 : Philosophy of Nature and the Human Person**

A course in philosophical anthropology, studying many aspects of human nature: sensation, emotion, thought, will, habits, soul, and body.

**Credits** 3

**Course ID**

009230

**Grading Basis**

Graded

**Course Component**

Lecture

## **PHILC 2301 : Ethics**

This course is for students who are studying moral philosophy for the first time. As long as there have been human beings, morality has been a question—its foundations, its nature, its forms, and its very possibility. By studying classic works of philosophy, especially Plato's Republic, Aristotle's Nicomachean Ethics, and St. Thomas Aquinas's Summa Theologica, students will engage with the most fundamental questions that motivate ethical reflection: What does it mean to be human? What makes for a good life? How shall we live? What is the relationship between morality and happiness? The course will focus particular attention on the riches of the Catholic intellectual tradition and its emphasis on practical reasoning, the dignity of the person, virtue ethics, and the natural law.

**Credits** 3

**Course ID**

009231

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PHILC 2301](#) Prerequisite: [PHILC 1301](#)

## **PHILC 3301 : Metaphysics**

**Credits** 3

**Course ID**

009277

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Order and Unity of the World Sequence Requirement: At least one course in the Humanities Sequence must be completed in order to register for this course.

## Political Science (Core)

### **POSCC 2301 : Politics and Society**

An introductory course on the political and social order with an emphasis on the American context, presenting theories and their real-life application. Themes include natural law, civil rights and civil liberties, and forms of social and economic organization.

**Credits** 3

**Course ID**

009237

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Humanities Sequence Requirement: At least one course in the Foundations Sequence must be completed in order to register for this course.

## Science (Core)

### **SCIEC 2301 : Quadrivium: The Mathematical Arts**

"Quadrivium: The Mathematical Arts" explores the quantitative arts of the quadrivium: arithmetic, geometry, music, and astronomy. As the second stage of a traditional liberal arts education following the qualitative trivium, the quadrivium reveals the beauty and nature of the created universe through the universal language of mathematics.

**Credits** 3

**Course ID**

009275

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Order and Unity of the World Sequence Requirement: At least one course in the Humanities Sequence must be completed in order to register for this course.

### **SCIEC 2301 : Quadrivium: The Mathematical Arts**

"Quadrivium: The Mathematical Arts" explores the quantitative arts of the quadrivium: arithmetic, geometry, music, and astronomy. As the second stage of a traditional liberal arts education following the qualitative trivium, the quadrivium reveals the beauty and nature of the created universe through the universal language of mathematics.

**Credits** 3

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Order and Unity of the World Sequence Requirement: At least one course in the Humanities Sequence must be completed in order to register for this course.

# Theology (Core)

## **THEOC 1301 : Faith, Reason, and Revelation**

An introductory course in fundamental Catholic theology, presenting the basic openness of the human person to divine revelation, the historical veracity of that revelation, and selected major theological themes in the Catholic worldview, with an eye to their coherence with one another and with the human person.

**Credits** 3

**Course ID**

009233

**Grading Basis**

Graded

**Course Component**

Lecture

## **THEOC 2301 : Scripture and Salvation History**

**Credits** 3

**Course ID**

009278

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Life of the Mind Above Reason Sequence Requirement: At least one course in the Order and Unity of the World Sequence must be completed in order to register for this course. Additional Prerequisite: [THEOC 1301](#)

## **THEOC 3301 : The Return to God**

**Credits** 3

**Course ID**

009279

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Life of the Mind Above Reason Sequence Requirement: At least one course in the Order and Unity of the World Sequence must be completed in order to register for this course.

# English

To read well and to write well are fundamental tasks of the literate person. Since the founding of the University, the mission of the English Department has been to teach students those literary texts written or translated into English that express “the best that has been known and said.” The curriculum emphasizes literature because of its power “to teach and to delight” and its attention to truth and beauty. It stresses critical reading to develop analytical skills. The major in English develops language and writing skills because there is a fundamental relationship between accurate reading, clear thinking and well-organized oral and written expression. The ability to write and speak well is, moreover, good in and of themselves. The English major also recognizes the need to nurture the imagination both in its emphasis on the aesthetic values of literature and in

its courses in creative writing. The English major prepares students for graduate work in departments of English and in other fields, as well as for careers in writing and in primary and secondary education; the major imparts knowledge, attitudes, and skills appropriate for many types of professional careers.

English majors follow a program of readings in periods of English and American literature; they also take courses that concentrate on single authors. Many courses include the study of films. English majors study literary criticism in a specialized course, but they explore important critical approaches to literature in many classes. Courses in creative writing and in advanced prose writing are important components of the English major curriculum. The department encourages English majors to take elective courses in nontraditional literary studies to increase their appreciation of diverse cultures and points of view.

## Objectives

- 1. Students majoring in English will be competent in oral and written expression and research methods.
- 2. Students majoring in English will demonstrate a basic knowledge of the major authors, the major literary texts, and the cultural, intellectual, and philosophical backgrounds of the traditional historical periods of English and American literature.
- 3. Graduates will be capable of analyzing and criticizing literary texts according to historical, formal (generic), and reader-response critical schools. They will understand the major tenets of archetypal and psychological critical schools and of postmodern criticism.

The department assesses students' achievement in the major by a variety of means, including examinations, oral presentations, and papers in required courses. In their senior year, all English majors must present a thesis or produce a portfolio of creative writing or expository prose prepared under the direction of a professor in a chosen area. A jury of professors before whom the students present and defend their work will judge the thesis or portfolio.

### **ENGL 1301 : Composition I**

In this course, students will learn and practice the strategies and processes that successful writers employ as they work to accomplish specific purposes. In college, these purposes include comprehension, instruction, entertainment, persuasion, investigation, problem-resolution, evaluation, explanation, and refutation.

**Credits** 3

**Course ID**

009352

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**ENGL 1310 : Introduction to Academic Writing**

Intensive study of grammar and usage, and development of analytical and writing skills necessary for college level courses. Students must earn a grade of at least "C" for admission to the first core curriculum English course: [ENGL 1341](#)– The Classical Tradition: Literature and Composition I. The 3 credit hours for 1310 do not fulfill any core curriculum requirement in English. They may, however, count toward the total number of hours required for graduation.

**Credits** 3

**Course ID**

002644

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Summer semester

**ENGL 1311 : The Culture of Writing**

This course is intended to aid students in their transition into an academic culture that depends on writing for much of its most important communication. The course will include the review and application of principles and techniques of effective writing, critical reading, and critical thinking. Prerequisite: Acceptance in the Mendenhall Summer Institute. Co-Requisite: [MATH 1325](#).

**Credits** 3

**Course ID**

007209

**Grading Basis**

Graded

**Course Component**

Lecture

**ENGL 1341 : The Classical Tradition: Literature & Composition I**

Major Works of Greek and Roman lyric, drama, narrative and rhetoric, and their enduring presence. Techniques of academic writing and the principles of rhetoric. [ENGL 1342](#) must be taken after 1341, but before [ENGL 2312](#).

**Credits** 3

**Course ID**

005993

**Grading Basis**

Graded

**Course Component**

Lecture

**ENGL 1342 : The Middle Ages & Renaissance: Literature & Composition II**

Medieval and Renaissance lyric, drama and narrative, and their abiding relevance. Techniques of research writing.

**Credits** 3

**Course ID**

005994

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGL 1342](#) Prerequisite: [ENGL 1341](#) or [HNRS 1391](#)

**ENGL 2312 : The Modern World: Literature & Composition III**

Representative literature from the Early Modern period to the present day, including works from non-Western perspectives. Continued application of principles of academic writing.

**Credits** 3

**Course ID**

005995

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGL 2312](#) Prerequisite: [ENGL 1342](#)

**ENGL 2327 : American Literature I**

A survey of American literature from the period of exploration and settlement to the present. Students will study works of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from among a diverse group of authors for what they reflect and reveal about the evolving American experience and character.

**Credits** 3

**Course ID**

009356

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**ENGL 3306 : Modern Catholic Writers**

Study of the authors whose Catholicism makes up a significant component of their works. Works studies may range from the nineteenth to the twenty-first century and may include all genres. May focus on the early twentieth century English Catholic literary revival. Authors may include Newman, Hopkins, Belloc, Chesterton, Claudel, von le Fort, Bernanos, Waugh, Tolkien, Flannery O'Connor, and Walker Percy.

**Credits** 3

**Course ID**

006449

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGL 3000/4000](#) Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 3307 : Creative Writing: Poetry**

Workshop on writing poetry; emphasis on discussion of students' writing. Limited enrollment. Prerequisite: permission of faculty member.

**Credits** 3

**Course ID**

001174

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGL 3000/4000](#) Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 3308 : Creative Writing: Fiction**

Workshop on writing fiction; emphasis on discussion of students' writing. Limited enrollment. Prerequisite: permission of faculty member.

**Credits** 3

**Course ID**

001175

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGL 3000/4000](#) Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.



**ENGL 3309 : Modern Irish Literature**

Study of Irish poetry, fiction, and drama from the Irish Revival/Modern period through the contemporary renaissance.

**Credits** 3

**Course ID**

006451

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGL 3000](#)/4000 Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 3310 : Chaucer**

The Canterbury Tales; the nature of Chaucer's literary achievements.

**Credits** 3

**Course ID**

001176

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGL 3000](#)/4000 Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 3312 : Perspectives in World Literature**

An overview of Classical, Medieval, Renaissance and Modern world literature, focusing on the abiding impact of this literature across and within cultures. For students with 6–9 credit hours of transferred English core credit only.

**Credits** 3

**Course ID**

005996

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGL 3312](#) Prerequisite: For students with 6-9 credit hours of transferred English core credit only

**ENGL 3314 : Development of the Novel**

A study of the early development of the novel in English, from Richardson through Austen. May include study of works of Fielding, Sterne, Smollett, Goldsmith, and others; may also include study of works of precursors such as Defoe.

**Credits** 3

**Course ID**

001177

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

**ENGL 3000/4000** Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 3316 : Shakespeare**

A selection of comedies, tragedies, history plays and romances; intellectual and social backgrounds; the theater milieu.

**Credits** 3

**Course ID**

001179

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

**ENGL 3000/4000** Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 3318 : Opening to Transcendence:Rediscovering Symbol**

What images and symbols express the tensions inherent in human existence: body and spirit; time and eternity; good and evil? The Catholic tradition within literature and art.

**Credits** 3

**Course ID**

006878

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

**ENGL 3000/4000** Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 3320 : Sixteenth-Century Poetry and Prose**

A selection of Early Renaissance writings from More through Hooker; emphasis on the high achievements of the 1580s and 1590s in the Age of Elizabeth.

**Credits** 3

**Course ID**

001180

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGL 3000/4000](#) Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 3324 : Seventeenth-Century Poetry and Prose**

A selection of Late Renaissance writings; emphasis on Donne, Jonson and their followers in "metaphysical" and neoclassical poetry; major contributions to devotional and secular prose.

**Credits** 3

**Course ID**

001181

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGL 3000/4000](#) Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 3326 : Milton**

Intensive study of Paradise Lost; minor works and selected prose; Milton as Puritan and Humanist.

**Credits** 3

**Course ID**

001182

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGL 3000/4000](#) Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 3330 : The Augustan Age**

Major works of Dryden, Pope and Swift; selected plays of the Restoration and 18th century; intellectual background and aesthetic theory of the Enlightenment.

**Credits** 3

**Course ID**

001183

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGL 3000/4000](#) Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 3335 : Professional Writing and Editing**

Provides historical and theoretical background in professional writing and editing, including editing in literary and organizational settings. Explores professional writing's emergence as a field of scholarship and practice.

**Credits** 3

**Course ID**

006881

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGL 3000/4000](#) Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 3336 : Creative Writing: Memoir**

Workshop on memoir writing; emphasis on discussion of students' writing. Limited enrollment.

**Credits** 3

**Course ID**

008892

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGL 3000/4000](#) Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 3337 : Creative Writing: Play Writing**

Workshop on play writing; emphasis on discussion of students' writing and attention to the performative dimensions of dramatic writing, including the composition of dialogue as well as construction of character, situation, and plot. Limited enrollment.

**Credits** 3

**Course ID**

008893

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

**ENGL 3000/4000** Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 3340 : English Romantic Poets**

Selected works of Blake, Wordsworth, Coleridge, Byron, Keats and Shelley; historical and intellectual backgrounds; aesthetic theory.

**Credits** 3

**Course ID**

001184

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

**ENGL 3000/4000** Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 3344 : Victorian Poetry**

Selected works of Tennyson, Arnold, Browning and some notable minor poets; historical and intellectual backgrounds; aesthetic theory.

**Credits** 3

**Course ID**

001186

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

**ENGL 3000/4000** Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 3345 : Nineteenth Century Novel**

Study of the British novel from Jane Austen to Joseph Conrad. Authors may include the Brontes, Dickens, George Eliot, Hardy, and others.

**Credits** 3

**Course ID**

006344

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGL 3000/4000](#) Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 3380 : Introduction to Film and Literature**

A study of film as literary text and the primary form of dramatic presentation in contemporary culture. The course will offer students the opportunity to view film masterpieces in various genres as well as adaptations of major theatrical or literary works in a seminar format. Students will be introduced to the critical apparatus necessary to view motion pictures as a literary medium.

**Credits** 3

**Course ID**

008454

**Grading Basis**

Graded

**Course Component**

Lecture

**ENGL 4191 : Internship in English**

A one semester internship in advanced writing and/or editing under the supervision of the department.

**Credits** 1

**Course ID**

007335

**Grading Basis**

Pass/Fail Option

**Course Component**

Internship

**Requisites**

[ENGL 3000/4000](#) Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 4192 : Directed Reading/Independent Study in English**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty.

**Credits** 1

**Course ID**

001187

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[ENGL 3000](#)/4000 Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 4193 : Special Topics in English**

Upper-division treatment of selected topics of mutual interest to the faculty member and students.

**Credits** 1

**Course ID**

001191

**Grading Basis**

Graded

**Course Component**

Special Topics

**Requisites**

[ENGL 3000](#)/4000 Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 4199 : Senior Thesis/Writing Portfolio**

A one hour credit appended to any appropriate upper division course, required of all English majors before graduation. The research project or the writing portfolio includes oral presentation to a jury of professors and peers. This final writing project and oral presentation is designed as a part of the major's capstone experience. Prerequisites: [9 Hrs ENGL (Lower Div Core) & Instructor's Consent] OR [6 Hrs ENGL Transfer Credit, [ENGL 3312](#), & Instructor's Consent].

**Credits** 1

**Course ID**

001195

**Grading Basis**

Graded

**Course Component**

Thesis Research

**Requisites**

[ENGL 3000](#)/4000 Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 4292 : Directed Reading/Independent Study in English**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty.

**Credits** 2

**Course ID**

001188

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[ENGL 3000](#)/4000 Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 4293 : Special Topics in English**

Upper-division treatment of selected topics of mutual interest to the faculty member and students.

**Credits** 2

**Course ID**

001192

**Grading Basis**

Graded

**Course Component**

Special Topics

**Requisites**

[ENGL 3000](#)/4000 Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 4307 : Advanced Creative Writing**

This course will be offered every other year for undergraduate and graduate students who plan to attend graduate school in creative writing, or who simply prefer an advanced workshop in which to hone skills as a poet or fiction writer.

**Credits** 3

**Course ID**

007430

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGL 4307](#) Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses. Also required: [ENGL 3307](#), 3308.



**ENGL 4310 : American Literature I**

Selected works of the Colonial and Romantic period, with emphasis on Anne Bradstreet, Edward Taylor, Jonathan Edwards, Franklin, Emerson, Hawthorne, Thoreau, Whitman, Melville and Frederick Douglass. An exploration of the Puritan Vision (and critics of it) as well as Transcendentalism and the evolution of distinctively American literature.

**Credits** 3

**Course ID**

004220

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGL 3000/4000](#) Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 4311 : American Literature II**

Growth of realism and naturalism. The impact of the two world wars. A detailed study of contemporary writers.

**Credits** 3

**Course ID**

004221

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGL 3000/4000](#) Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 4314 : Modern Poetry**

Selected works of major and minor English and American poets; emphasis on Yeats, Eliot and Stevens.

**Credits** 3

**Course ID**

001196

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGL 3000/4000](#) Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 4319 : Shakespearean Topics**

Focused study of selected aspects of Shakespeare dramatic artistry and influence; organized around special topics, genres, or themes.

**Credits** 3

**Course ID**

006319

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGL 3000](#)/4000 Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 4320 : Modern Drama**

Selected plays and major trends from Ibsen to contemporary dramatists.

**Credits** 3

**Course ID**

001201

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGL 3000](#)/4000 Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 4323 : Literary Magazine**

A production class, responsible for publication of the English Department's formal literary magazine. Activities include solicitation of works, editing, page layout, graphic design and negotiation with printers. Permission of faculty member required.

**Credits** 3

**Course ID**

001204

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGL 3000](#)/4000 Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 4324 : Modern British Novel**

Study of the British novel from the beginning of the twentieth century to the present.

**Credits** 3

**Course ID**

006320

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGL 3000/4000](#) Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 4325 : Modern American Novel**

Study of the American novel from the beginning of the twentieth century to the present.

**Credits** 3

**Course ID**

006321

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGL 3000/4000](#) Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 4326 : Advanced Rhetoric**

Study and application of rhetoric from both historical and practical perspectives. Includes reading and discussion of major texts that address patterns of discourse, communication, and other issues of rhetoric in a classical and a modern context.

**Credits** 3

**Course ID**

006880

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGL 3000/4000](#) Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 4327 : Austen**

Study of the novels of Jane Austen as set in their relevant historical, cultural, and literary context.

**Credits** 3

**Course ID**

008889

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGL 3000/4000](#) Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 4328 : Dickens**

Study of the novels of Charles Dickens as set in their relevant historical, cultural, and literary context.

**Credits** 3

**Course ID**

008890

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGL 3000/4000](#) Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 4329 : Hardy**

Study of the novels of Thomas Hardy as set in their relevant historical, cultural, and literary context.

**Credits** 3

**Course ID**

008891

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGL 3000/4000](#) Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 4334 : Feature Magazine (Thoroughfare)**

A collaborative production class, responsible for publication of the English Department's feature magazine (Thoroughfare). Activities include solicitation of submissions, editing, page layout, graphic design, and negotiation with printers.

**Credits** 3

**Course ID**

008894

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGL 3000/4000](#) Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 4339 : Dante**

Intensive study of the poetry of Dante Alighieri, read in translation, including La Vita Nuova together with the three canticles of the Commedia: the Inferno, Purgatorio, and Paradiso.

**Credits** 3

**Course ID**

006901

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGL 3000/4000](#) Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 4360 : Advanced Writing (Non-Fiction)**

Instruction and practice in writing for various purposes and audiences. The skill of editing and critiquing as a means of improving writing skills.

**Credits** 3

**Course ID**

001206

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGL 3000/4000](#) Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 4391 : Internship in English: Writing/Editing**

A one-semester internship in advanced writing and editing under the supervision of the department.

Prerequisite: permission of faculty member.

**Credits** 3

**Course ID**

001207

**Grading Basis**

Pass/Fail Option

**Course Component**

Internship

**Requisites**

[ENGL 3000/4000](#) Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 4392 : Directed Reading/Independent Study in English**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty.

**Credits** 3

**Course ID**

001189

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[ENGL 3000/4000](#) Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 4393 : Special Topics in English**

Upper-division treatment of selected topics of mutual interest to the faculty member and students.

**Credits** 3

**Course ID**

001193

**Grading Basis**

Graded

**Course Component**

Special Topics

**Requisites**

[ENGL 3000/4000](#) Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 4398 : Capstone in Writing: Advanced Writing Workshop & Senior Thesis**

Provides the capstone experience for synthesizing the English major with the Writing concentration; includes workshopping of senior thesis projects in the Writing concentration and their development through successive drafts to completion.

**Credits** 3

**Course ID**

008896

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGL 3000/4000](#) Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 4399 : Capstone in Literature: Literary Criticism & Senior Thesis**

Provides the capstone experience for synthesizing the English major with the Literature concentration; includes study of selected traditions of literary criticism relevant to developing, researching, and writing of senior thesis projects in the Literature concentration.

**Credits** 3

**Course ID**

004228

**Grading Basis**

Graded

**Course Component**

Thesis Research

**Requisites**

[ENGL 4399](#) Prerequisites: Senior Standing; must be Literature concentration.

**ENGL 4492 : Directed Reading/Independent Study in English**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty.

**Credits** 4

**Course ID**

001190

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[ENGL 3000/4000](#) Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

**ENGL 4493 : Special Topics in English**

Upper-division treatment of selected topics of mutual interest to the faculty member and students.

**Credits** 4

**Course ID**

001194

**Grading Basis**

Graded

**Course Component**

Special Topics

**Requisites**

**ENGL 3000/4000** Prerequisites: All students must complete the core English requirements as pre-requisites for all 3000/4000 level English courses.

## Art History

**ARTHI 1393 : Special Topic**

Special Topic

**Credits** 3

**Course ID**

009626

**Grading Basis**

Graded

**Course Component**

Special Topics

**Semester Offered**

Fall and spring semesters

**ARTHI 3301 : Impressionism in Art and Music**

This interdisciplinary course examines Impressionism and Post-Impressionism, innovative artistic movements that emerged in the late 19th century. Through a unique fusion of visual art and music, students will gain a deep understanding of the Impressionist era's cultural, social, and historical contexts, exploring how artists and composers reshaped the way their viewers and listeners perceived and interpreted reality.

**Credits** 3

**Course ID**

009593

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters



**ARTHI 4393 : Art History Special Topic**

Art History Special Topic

**Credits** 3

**Course ID**

009669

**Grading Basis**

Graded

**Course Component**

Special Topics

**Semester Offered**

Fall and spring semesters

**ARTHI 4393 : Art History Special Topic**

Art History Special Topic

**Credits** 3

**Grading Basis**

Graded

**Course Component**

Special Topics

**Semester Offered**

Fall and spring semesters

**ARTHS 1350 : Introduction to the Visual Arts**

An understanding of the visual arts through study of their basic principles of design, aesthetics and role in society. Examples of all media are examined and drawn from diverse historical periods, places, and world cultures.

**Credits** 3

**Course ID**

001015

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**ARTHS 1370 : A Cultural Study of Global Art: Politics, Patronage, and the Museum**

This course considers concepts and histories of art. Students explore core issues in the discipline of art history: What is art? What is art history? What is a masterpiece? The course addresses cultural factors that shape canons of art history, including notions of originality, genius, skill, inspiration, complexity, beauty, and taste, as well as the roles of art professionals and institutions. Attention is paid to: patronage and the art market, the academy and the museum, and the development of modernism. Beyond engaging with central questions in art history, students learn to analyze the formal aspects of works of art and to interpret them within the historical contexts in which they were made.

**Credits** 3**Course ID**

008025

**Grading Basis**

Graded

**Course Component**

Lecture

**ARTHS 2351 : Survey of Art I**

An introduction to the major masterpieces and monuments in the history of art from prehistoric times to the Middle Ages. (No student can receive credit for both [ARTHS 2351](#) and 3351. [ARTHS 3351](#) is designed for students with 60 or more credit hours.)

**Credits** 3**Course ID**

001016

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall semester

**ARTHS 2352 : Survey of Art II**

An introduction to the major masterpieces and monuments from the Renaissance to the present. (No student can receive credit for both [ARTHS 2352](#) and 3352. [ARTHS 3352](#) is designed for students with 60 or more credit hours.)

**Credits** 3**Course ID**

001018

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Spring semester

**ARTHS 3340 : Early Medieval Art**

A survey of the technological and thematic developments in art and architecture in the late Antique, Early Christian, Byzantine, Carolingian and Ottonian periods. Images are viewed through their religious, political, and cultural contexts.

**Credits** 3

**Course ID**

006381

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Spring semester, even years

**ARTHS 3341 : Late Medieval Art**

A survey of Romanesque and Gothic art from the eleventh through the fourteenth century. Included are French pilgrimage churches and cathedrals, sculpture, stained glass windows, manuscripts, and decorative arts as well as medieval civic and religious art in Venice, Sicily, Pisa and Siena.

**Credits** 3

**Course ID**

006382

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Spring semester, odd years

**ARTHS 3351 : Survey of Art I**

An introduction to the major masterpieces and monuments in the history of art from prehistoric-times to the Middle Ages. (No student can receive credit for both [ARTHS 2351](#) and 3351. [ARTHS 3351](#) is designed for students with 60 or more credit hours.)

**Credits** 3

**Course ID**

001017

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall semester

**ARTHS 3352 : Survey of Art II**

An introduction to the major masterpieces and monuments from the Renaissance to the present. (No student can receive credit for both [ARTHS 2352](#) and 3352. [ARTHS 3352](#) is designed for students with 60 or more credit hours.)

**Credits** 3

**Course ID**

001019

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Spring semester

**ARTHS 3361 : Art of Greece and Rome**

The beginnings of Western art and thought are studied as they originate in the Aegean Bronze Age civilizations of Crete and Mycenae and developed through the Greek Classical Period.

**Credits** 3

**Course ID**

001020

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Spring semester, even years

**ARTHS 3362 : Roman Art**

Investigates the development of Mediterranean art, from the prehistoric Etruscans to the end of the Roman Empire; special attention is given to the influence of Roman art upon Late Antiquity.

**Credits** 3

**Course ID**

001021

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Spring semester, odd years

**ARTHS 3372 : Baroque Art**

Western European architecture, sculpture, painting and decorative arts of the late 16th to the 18th-century.

**Credits** 3

**Course ID**

001023

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Offered as needed

**ARTHS 3381 : Nineteenth Century Art**

A study of the major currents in European and American art from late 18th-century Neoclassicism through Post-Impressionism.

**Credits** 3

**Course ID**

001024

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Offered as needed

**ARTHS 3382 : Early Twentieth-Century Art**

A study of European and North American art from the late 19th century to the mid-20th century. During this period of extreme change and two world wars, many artists broke from tradition and made art that responded to modernity by depicting contemporary subjects and inventing new forms.

**Credits** 3

**Course ID**

001025

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Offered as needed

**ARTHS 3383 : Late Twentieth-Century Art**

Art in the second half of the 20th-century from mid-century Modernism through individual Post-Modern forms of art in the Contemporary world.

**Credits** 3

**Course ID**

001026

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Offered as needed

**ARTHS 3391 : Early Renaissance Art**

A survey of major works of architecture, painting and sculpture in Italy from the late 13th to the late 15th-century.

**Credits** 3

**Course ID**

001027

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Offered as needed

**ARTHS 3392 : High Renaissance and Mannerist Art**

A survey of major works of architecture, painting and sculpture in Italy from the late 15th-century through the 16th-century, including the art of Leonardo da Vinci, Michelangelo and Raphael.

**Credits** 3

**Course ID**

001028

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Offered as needed

**ARTHS 4191 : Internship in Art History**

On-the-job experience under the guidance of practicing specialists in the art history field. To be supervised individually by a department faculty member with the approval of the program chair.

**Credits** 1

**Course ID**

006609

**Grading Basis**

Graded

**Course Component**

Internship

**Semester Offered**

Offered as needed

**ARTHS 4192 : Directed Reading/Independent Study in Art History**

Student research on a selected problem in art history pursued under the guidance of an assigned member of the faculty. To be presented as a formal written paper. Repeatable course. Prerequisite: permission of program chair and instructor.

**Credits** 1

**Course ID**

001994

**Grading Basis**

Graded

**Course Component**

Independent Study

**Semester Offered**

Offered as needed

**ARTHS 4291 : Internship in Art History**

On-the-job experience under the guidance of practicing specialists in the art history field. To be supervised individually by a department faculty member with the approval of the program chair.

**Credits** 2

**Course ID**

006610

**Grading Basis**

Graded

**Course Component**

Internship

**Semester Offered**

Offered as needed

**ARTHS 4292 : Directed Reading/Independent Study in Art History**

Student research on a selected problem in art history pursued under the guidance of an assigned member of the faculty. To be presented as a formal written paper. Repeatable course. Prerequisite: permission of program chair and instructor.

**Credits** 2

**Course ID**

001995

**Grading Basis**

Graded

**Course Component**

Independent Study

**Semester Offered**

Offered as needed

**ARTHS 4293 : Special Topics in Art History**

Upper-division treatment of selected topics of mutual interest to the faculty member and students. May be repeated for credit when topics vary. When offered, see Website course schedule for topic.

**Credits** 2

**Course ID**

001998

**Grading Basis**

Graded

**Course Component**

Special Topics

**Semester Offered**

Offered as needed

**ARTHS 4345 : Iconography of Christian Art (I and II)**

An introduction to the symbolic language and modes of expression in Christianity from the Early Christian period to the present. It explores approaches to understand the meaning within images as recorded in scriptural and literary texts as well as local oral tradition.

**Credits** 3

**Course ID**

006384

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall semester



**ARTHS 4373 : Spanish Art: El Greco to Goya**

Painting in Spain under the Habsburg and Bourbon monarchies from late 16th c. Mannerism through 17th c. Baroque into 18th & 19th c. Romanticism. El Greco, Velazquez, and Goya are studied in depth as well as others masters of the "Golden Age".

**Credits** 3

**Course ID**

007474

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Offered as needed

**ARTHS 4375 : Bernini and Baroque Rome**

The sculpture, architecture, and painting of the 17th-century master who made Rome a great Baroque city through his exuberant statues, portraits, churches, chapels, papal tombs, fountains, and extensive architecture and decorations for St. Peter's.

**Credits** 3

**Course ID**

006386

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Offered as needed

**ARTHS 4391 : Internship in Art History**

On-the-job experience under the guidance of practicing specialists in the art history field. To be supervised individually by a department faculty member with the approval of the program chair.

**Credits** 3

**Course ID**

006611

**Grading Basis**

Pass/Fail Option

**Course Component**

Internship

**Semester Offered**

Offered as needed

**ARTHS 4393 : Special Topics in Art History**

Upper-division treatment of selected topics of mutual interest to the faculty member and students. May be repeated for credit when topics vary. When offered, see Website course schedule for topic.

**Credits** 3

**Course ID**

001999

**Grading Basis**

Graded

**Course Component**

Special Topics

**Semester Offered**

Offered as needed

**ARTHS 4395 : Michelangelo**

The sculpture, painting, and architecture of the great Renaissance master centered in Florence and Rome, including in-depth study of his David, Moses, Pietas, Medici Chapel, Deposition, designs for St. Peter's and for Rome's Capitol, and Pauline and Sistine Chapel frescoes.

**Credits** 3

**Course ID**

006385

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Offered as needed

**ARTHS 4492 : Directed Reading/Independent Study in Art History**

Student research on a selected problem in art history pursued under the guidance of an assigned member of the faculty. To be presented as a formal written paper. Repeatable course. Prerequisite: permission of program chair and instructor.

**Credits** 4

**Course ID**

001029

**Grading Basis**

Graded

**Course Component**

Independent Study

**Semester Offered**

Offered as needed

**ARTHS 4493 : Special Topics in Art History**

Upper-division treatment of selected topics of mutual interest to the faculty member and students. May be repeated for credit when topics vary. When offered, see Website course schedule for topic.

**Credits** 4

**Course ID**

001030

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Offered as needed

## Arts - Studio Arts

**ARTS 1300 : Art Appreciation**

A general introduction to the visual arts designed to create an appreciation of the vocabulary, media, techniques, and purposes of the creative process. Students will critically interpret and evaluate works of art within formal, cultural, and historical contexts.

**Credits** 3

**Course ID**

009355

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**ARTS 1301 : Drawing Fundamentals I**

Students learn to transpose 3-D objects into 2-D equivalents. While studying the relationships of planes and evaluating proportions, students develop eye, hand and perceptual skills in order to translate these observations to paper. The goals involve the exploration of different representational techniques in black-and-white media and the development of visual awareness and discrimination.

**Credits** 3

**Course ID**

001715

**Grading Basis**

Graded

**Course Component**

Lecture

**ARTS 1302 : Drawing Fundamentals II**

Students continue to develop visual and technical skills in various black-and-white media. Color drawing materials are introduced and utilized by applying basic color theory to the drawing process. To create more involved drawings, a wider and more complex range of subject matter is explored, including still life, the figure and landscapes. Prerequisite: [ARTS 1301](#).

**Credits** 3

**Course ID**

001716

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 1302](#) Prerequisite: [ARTS 1301](#)

**ARTS 1303 : 2-D Design**

Students are introduced to the basic elements specific to working in 2-D. Simply executed problems are directed to help students organize and understand formal issues such as pattern and rhythm as well as the effects of line, shape, value, texture and color on a flat surface. A variety of materials, including colored paper, glue, markers, and paint, is employed to facilitate rapid solutions.

**Credits** 3

**Course ID**

001717

**Grading Basis**

Graded

**Course Component**

Lecture

**ARTS 1304 : 3-D Design**

How do you make decisions about form? How do color, scale, mass, line, plane, texture and balance affect the way you see form? How do you apply elements of design to different materials? How can you express emotions, attitudes and ideas with form? The answers to these questions are explored in the context of three-dimensional forms along with the practical application of the elements of design.

**Credits** 3

**Course ID**

001718

**Grading Basis**

Graded

**Course Component**

Lecture

**ARTS 1305 : Basic Photography**

This course is a practical introduction to black-and-white photography. Emphasis is on becoming competent with a 35mm camera, shooting and processing film as well as printing and developing photographs.

**Credits** 3

**Course ID**

001719

**Grading Basis**

Graded

**Course Component**

Lecture

**ARTS 1393 : Special Topic in Arts**

selected topic of interest to faculty and students.

**Credits** 1

**Course ID**

009622

**Grading Basis**

Graded

**Course Component**

Special Topics

**Semester Offered**

Fall and spring semesters

**ARTS 2301 : Beginning Printing: Monoprint I**

These course are recommended as an introductory to the principles and concepts of monoprinting. Monoprinting utilizes a variety of techniques for making unique prints from easily manipulated materials. It includes traditional painting and drawing approaches as well as new technologies that are rewarding for painters or sculptors working from any stylistic approach. Safer products and processes are demonstrated, including printing from photocopies and photosensitive polymers requiring no harmful chemicals. Students work with both black and colored inks. No previous printmaking experience is required. Enrollment is limited. Prerequisites: [ARTS 1301](#) and 1303

**Credits** 3

**Course ID**

007202

**Grading Basis**

Graded

**Course Component**

Lecture

**ARTS 2302 : Beginning Printing: Monoprint II**

These course are recommended as an introduction to the principles and concepts of monoprinting. Monoprinting utilizes a variety of techniques for making unique prints from easily manipulated materials. It includes traditional painting and drawing approaches as well as new technologies that are rewarding for painters or sculptors working from any stylistic approach. Safer products and processes are demonstrated, including printing from photocopies and photosensitive polymers requiring no harmful chemicals. Students work with both black and colored inks. No previous printmaking experience is required. Enrollment is limited. Prerequisites: [ARTS 1301](#) and 1303

**Credits** 3

**Course ID**

007203

**Grading Basis**

Graded

**Course Component**

Lecture

**ARTS 2303 : Beginning Printmaking I**

Beginning students participate in each of the basic printmaking techniques, including etching, collagraph, lithography and relief, while engaging in a historical study of the development of printmaking. Both individual and group critiques are part of the class format. Prerequisites: [ARTS 1301](#) and 1303

**Credits** 3

**Course ID**

001720

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 2303](#) Prerequisites: [ARTS 1301](#) & 1303

**ARTS 2304 : Beginning Printmaking II**

Beginning students participate in each of the basic printmaking techniques, including etching, collagraph, lithography and relief, while engaging in a historical study of the development of printmaking. Both individual and group critiques are part of the class format. Prerequisites: [ARTS 1301](#) and 1303

**Credits** 3

**Course ID**

002141

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 2304](#) Prerequisites: [ARTS 2303](#)

**ARTS 2305 : Beginning Photography I**

Students in this course refine black-and-white processing, printing and conceptual skills. Emphasis is placed on becoming more confident and comfortable with the technical aspects of exposures, processing, printing and developing a personal viewpoint.

**Credits** 3

**Course ID**

001721

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 2305](#) Prerequisite: [ARTS 1305](#)

**ARTS 2306 : Color I**

Projects in this class are designed to address the relativity and interaction of color in the visual arts. Emphasis is on learning by direct perception of color phenomena, with studies on juxtaposition, harmony, and quantity, executed in paint, colored papers, and nontraditional materials. Prerequisites: [ARTS 1301](#) and 1303

**Credits** 3

**Course ID**

005826

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 2306](#) Prerequisites: [ARTS 1301](#) & 1303

**ARTS 2307 : Color II**

Projects in this class are designed to address the relativity and interaction of color in the visual arts. Emphasis is on learning by direct perception of color phenomena, with studies on juxtaposition, harmony, and quantity, executed in paint, colored papers, and nontraditional materials. Prerequisites: [ARTS 1301](#) and 1303

**Credits** 3

**Course ID**

005836

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 2307](#) Prerequisites: [ARTS 2306](#)

**ARTS 2308 : Beginning Photography II**

Students in this course refine black-and-white processing, printing and conceptual skills. Emphasis is placed on becoming more confident and comfortable with the technical aspects of exposures, processing, printing and developing a personal viewpoint.

**Credits** 3

**Course ID**

006253

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 2308](#) Prerequisites: [ARTS 2305](#)

**ARTS 2310 : Life Drawing I**

Students concentrate on representing the human figure in a variety of passive and active poses while focusing on balance, movement, proportion, volume, depth and an anatomically convincing account of the figure. Short poses teach a quick, intuitive grasp of anatomy; long poses allow for more careful analysis of the human form. In the second semester, students explore varied media and additional techniques. Students are required to attend a weekly three-hour lab on Fridays, 9:30 am – 12:30 p.m., or on Saturdays, 9:30 am– 12:30 p.m., providing additional time to work from the model. Prerequisites: [ARTS 1301](#) and 1303

**Credits** 3

**Course ID**

001722

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 2310](#) Prerequisites: [ARTS 1301](#) & 1303

**ARTS 2311 : Life Drawing II**

Students concentrate on representing the human figure in a variety of passive and active poses while focusing on balance, movement, proportion, volume, depth and an anatomically convincing account of the figure. Short poses teach a quick, intuitive grasp of anatomy; long poses allow for more careful analysis of the human form. In the second semester, students explore varied media and additional techniques. Students are required to attend a weekly three-hour lab on Fridays, 9:30 am – 12:30 p.m., or on Saturdays, 9:30 am – 12:30 p.m., providing additional time to work from the model. Prerequisites: [ARTS 1301](#) and 1303

**Credits** 3

**Course ID**

001723

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 2311](#) Prerequisites: [ARTS 2310](#)

**ARTS 2312 : Drawing & Painting the Human Head I**

An intensive exploration of the possibilities presented in portraiture, in which students may choose to work with a range of media: graphite, charcoal, watercolor, acrylic, or oil. Emphasis is on individual interpretation. Demonstrations, museum visits, and critiques support the course goals. Weekly three-hour labs on Friday, 9:30 a.m. – 12:30 p.m., or on Sunday, 1:00 – 4:00 p.m., provide additional time to work from the model.

Prerequisites: [ARTS 1301](#) and 1303

**Credits** 3

**Course ID**

005824

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 2312](#) Prerequisites: [ARTS 1301](#) & 1303



**ARTS 2313 : Drawing & Paintng the Human Head II**

An intensive exploration of the possibilities presented in portraiture, in which students may choose to work with a range of media: graphite, charcoal, watercolor, acrylic, or oil. Emphasis is on individual interpretation. Demonstrations, museum visits, and critiques support the course goals. Weekly three-hour labs on Friday, 9:30 a.m. – 12:30 p.m., or on Sunday, 1:00 – 4:00 p.m., provide additional time to work from the model.

Prerequisites: [ARTS 1301](#) and 1303

**Credits** 3

**Course ID**

005825

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 2313](#) Prerequisites: [ARTS 2312](#)

**ARTS 2316 : Beginning Digital Photography I**

This practical, one semester introduction to digital photography prepares students for all future digital photography courses. Emphasis is placed on becoming competent with an SLR digital camera, composition, color space, shooting, and how to store and save digital files. Basic printing is also covered. Bring your SLR digital camera to the first class meeting.

**Credits** 3

**Course ID**

007384

**Grading Basis**

Graded

**Course Component**

Lecture

**ARTS 2317 : Beginning Digital Photography II**

Students will continue to refine their digital photography skills while improving creativity in composition and developing personal viewpoints. This course is a more in-depth study on lighting, printing, camera RAW and different types of photography, such as portraiture, still life, or landscape. Emphasis is on improving skill in camera operation, composition, and personal concept. The computers will only be used for basic printing and RAW processing procedures. Prerequisites: [ARTS 3317](#)

**Credits** 3

**Course ID**

007863

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 2317](#) Prerequisites: [ARTS 2316](#)

**ARTS 2320 : Beginning Painting I**

These courses familiarize students with the capacity of paint, impart technical proficiency and encourage personal vision. Problems are calculated to explore the formal elements of painting as well as the nature and versatility of the medium. Studio work primarily refers to setups, and critical dialogue figures largely in the process of learning how to paint. Prerequisites: [ARTS 1301](#) and 1303

**Credits** 3

**Course ID**

001724

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 2320](#) Prerequisites: [ARTS 1301](#), 1303

**ARTS 2321 : Beginning Painting II**

These courses familiarize students with the capacity of paint, impart technical proficiency and encourage personal vision. Problems are calculated to explore the formal elements of painting as well as the nature and versatility of the medium. Studio work primarily refers to setups, and critical dialogue figures largely in the process of learning how to paint. Prerequisites: [ARTS 1301](#) and 1303

**Credits** 3

**Course ID**

001725

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 2321](#) Prerequisites: [ARTS 2320](#)

**ARTS 2330 : Beginning Sculpture I**

This course familiarizes students with concepts of contemporary sculpture and with a variety of sculptural media such as wood, clay and plaster. Problems are formulated to explore various aesthetic and conceptual styles and techniques. Although the course format includes slide presentations as well as individual group critiques, the focus is on working in the studio. Prerequisites: [ARTS 1301](#)

**Credits** 3

**Course ID**

001726

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 2330](#) Prerequisites: [ARTS 1303](#) or 1304

**ARTS 2331 : Beginning Sculpture II**

This course familiarizes students with concepts of contemporary sculpture and with a variety of sculptural media such as wood, clay and plaster. Problems are formulated to explore various aesthetic and conceptual styles and techniques. Although the course format includes slide presentations as well as individual group critiques, the focus is on working in the studio. Prerequisites: [ARTS 1301](#)

**Credits** 3

**Course ID**

001727

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 2331](#) Prerequisites: [ARTS 2330](#)

**ARTS 2332 : Beginning Sculpture and Material Processes**

The goal of this course is to acquaint students with the material and processes typically used in the course of sculpture making. The emphasis of this course is focused on the relationships between sculptural materials and sculptural design. Traditional material and tools are demonstrated, such as fabricating and mold-making while encouraging students to experiment to suit their own artistic goals.

**Credits** 3

**Course ID**

007383

**Grading Basis**

Graded

**Course Component**

Lecture

**ARTS 2340 : Beginning Ceramics I**

This course provide exposure to the tools, techniques and vocabulary of clay as a design medium through lectures, demonstrations and participation. Emphasis is on problem-solving in clay as investigated through traditional hand-building and wheel-throwing techniques. Prerequisites: [ARTS 1301](#)

**Credits** 3

**Course ID**

001728

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 2340](#) Prerequisites: [ARTS 1303](#) or 1304

**ARTS 2341 : Beginning Ceramics II**

This course provide exposure to the tools, techniques and vocabulary of clay as a design medium through lectures, demonstrations and participation. Emphasis is on problem-solving in clay as investigated through traditional hand-building and wheel-throwing techniques. Prerequisites: [ARTS 1301](#)

**Credits** 3

**Course ID**

001729

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 2341](#) Prerequisites: [ARTS 2340](#)

**ARTS 2350 : Collage and Assemblage I**

Focusing on collage and assemblage as a means of expression, projects include working with paper, paint, photocopy, fabric, wood and found objects and are begun in the classroom and finished independently. The class format includes viewing slides and taking field trips to stimulate discussion of multimedia artists. Students are exposed to comprehensive thinking, creativity and originality.

**Credits** 3

**Course ID**

001730

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 2350](#) Prerequisites: [ARTS 1301](#) and 1303 or Permission of Instructor

**ARTS 2351 : Collage and Assemblage II**

Focusing on collage and assemblage as a means of expression, projects include working with paper, paint, photocopy, fabric, wood and found objects and are begun in the classroom and finished independently. The class format includes viewing slides and taking field trips to stimulate discussion of multimedia artists. Students are exposed to comprehensive thinking, creativity and originality.

**Credits** 3

**Course ID**

005901

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 2351](#) Prerequisites: [ARTS 2350](#)

**ARTS 2360 : Beginning Jewelry I**

The first semester (2360) includes an in-depth approach to acquiring basic skills used in the fabrication of nonferrous metals (copper, brass, nickel, sterling, gold). The progression of techniques from sawing, riveting, soldering and bezel stone-setting to refining is combined with the development of design and aesthetic consideration. The second semester (2361) surveys a variety of casting processes, such as cuttlebone, investing, burnout and clean-up. Emphasis is on matrix selection and form/textural development. Integration of elements with other forms and processes is stressed. Prerequisites: [ARTS 1301](#)

**Credits** 3

**Course ID**

001731

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 2360](#) Prerequisites: [ARTS 1303](#) or 1304

**ARTS 2361 : Beginning Jewelry II**

The first semester (2360) includes an in-depth approach to acquiring basic skills used in the fabrication of nonferrous metals (copper, brass, nickel, sterling, gold). The progression of techniques from sawing, riveting, soldering and bezel stone-setting to refining is combined with the development of design and aesthetic consideration. The second semester (2361) surveys a variety of casting processes, such as cuttlebone, investing, burnout and clean-up. Emphasis is on matrix selection and form/textural development. Integration of elements with other forms and processes is stressed. Prerequisites: [ARTS 1301](#)

**Credits** 3

**Course ID**

001732

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 2361](#) Prerequisites: [ARTS 2360](#)

**ARTS 2362 : Beginning Enameling I**

The first semester of this course (2362) focuses on the techniques of stencil, graffiti and cloisonne, exposing the beginning student to a wide range of enameling approaches. The second semester (2363) introduces etching techniques for two projects: one on silver and one on copper, using the compleve technique. A third project includes enameling on a chased or etched surface, or basse-taille. Prerequisites: [ARTS 1301](#)

**Credits** 3

**Course ID**

007147

**Grading Basis**

Graded

**Course Component**

Lecture

**ARTS 2363 : Beginning Enameling II**

The first semester of this course (2362) focuses on the techniques of stencil, graffito and cloisonne, exposing the beginning student to a wide range of enameling approaches. The second semester (2363) introduces etching techniques for two projects: one on silver and one on copper, using the compleve technique. A third project includes enameling on a chased or etched surface, or basse-taille. Prerequisites: [ARTS 1301](#)

**Credits** 3

**Course ID**

007148

**Grading Basis**

Graded

**Course Component**

Lecture

**ARTS 2380 : Beginning Watercolor I**

The introductory level stresses the inherent properties of the medium. Projects begin with single objects.

Prerequisites: [ARTS 1301](#) and 1303

**Credits** 3

**Course ID**

001733

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 2380](#) Prerequisites: [ARTS 1301](#), 1303

**ARTS 2381 : Beginning Watercolor II**

The introductory level stresses the inherent properties of the medium. Projects begin with single objects.

Prerequisites: [ARTS 1301](#) and 1303

**Credits** 3

**Course ID**

005837

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 2381](#) Prerequisites: [ARTS 2380](#)

**ARTS 2395 : Beginning Book Arts**

I

Participants execute one of a kind examples of both adhesive and non-adhesive bindings. Book construction techniques include concertina, pamphlet, album, and swen signature formats with hard and soft covers. Decorative techniques include making paste papers and water-based Japanese marbling. During the second semester (2396) students refine their comprehension of the various adhesive and non-adhesive structures. Simple text and imaging possibilities are introduced. Emphasis is on design and content. Some materials are provided. Limited enrollment.

**Credits** 3**Course ID**

005998

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**[ARTS 2395](#) Prerequisites: [ARTS 1301](#)**ARTS 3192 : Intermediate Level Independent Study in Studio Arts**

Independent studio practice at the intermediate level in a selected 2-D or 3-D medium pursued under the guidance of an assigned member of the faculty. Prerequisite: Permission of instructor

**Credits** 1**Course ID**

007197

**Grading Basis**

Graded

**Course Component**

Independent Study

**ARTS 3292 : Intermediate Level Independent Study in Studio Arts**

Independent studio practice at the intermediate level in a selected 2-D or 3-D medium pursued under the guidance of an assigned member of the faculty. Prerequisite: Permission of instructor

**Credits** 2**Course ID**

007198

**Grading Basis**

Graded

**Course Component**

Independent Study

**ARTS 3301 : Intermediate Printing: Monoprint I**

Students address more complex techniques and consider content of their personal style. While building a coherent body of work, they learn to combine various processes in ways that capitalize on the possibilities inherent in the medium as they apply to the student's rate of expression. Prerequisites: [ARTS 1301](#) and 1303

**Credits** 3**Course ID**

007204

**Grading Basis**

Graded

**Course Component**

Lecture

**ARTS 3302 : Intermediate Printing: Monoprint II**

Students address more complex techniques and consider content of their personal style. While building a coherent body of work, they learn to combine various processes in ways that capitalize on the possibilities inherent in the medium as they apply to the student's rate of expression. Prerequisites: [ARTS 1301](#) and 1303

**Credits** 3

**Course ID**

007205

**Grading Basis**

Graded

**Course Component**

Lecture

**ARTS 3303 : Intermediate Printmaking I**

Intermediate students are exposed to a broader range of techniques and image-making possibilities in print media. Both individual and group critiques are part of the class format. Prerequisites: [ARTS 1301](#) and 1303

**Credits** 3

**Course ID**

001734

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 3303](#) Prerequisites: [ARTS 2304](#)

**ARTS 3304 : Intermediate Printmaking II**

Intermediate students are exposed to a broader range of techniques and image-making possibilities in print media. Both individual and group critiques are part of the class format. Prerequisites: [ARTS 1301](#) and 1303

**Credits** 3

**Course ID**

006308

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 3304](#) Prerequisites: [ARTS 3303](#)

**ARTS 3305 : Intermediate Photography I**

This course emphasizes the use of photography as a vehicle for personal vision and expression, using technical, conceptual and perceptual approaches. Individual and group critiques are conducted.

**Credits** 3

**Course ID**

001735

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 3305](#) Prerequisites: [ARTS 2308](#)



**ARTS 3308 : Intermediate Photography II**

This course emphasizes the use of photography as a vehicle for personal vision and expression, using technical, conceptual and perceptual approaches. Individual and group critiques are conducted.

**Credits** 3

**Course ID**

006254

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 3308](#) Prerequisites: [ARTS 3305](#)

**ARTS 3310 : Intermediate Life Drawing I**

These courses are designed for those students who have completed at least two semesters of figure drawing and wish to continue with this wonderfully elastic imagery. The studio time is structured to include longer, more complex poses, allowing students to create drawings that are not only more fully developed but also include more advanced media control, both wet and dry. The class format includes slide lectures, gallery visits and ongoing critiques in addition to working from the model for up to six hours per week. Prerequisites: [ARTS 1301](#) and 1303

**Credits** 3

**Course ID**

001736

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 3310](#) Prerequisites: [ARTS 2311](#)

**ARTS 3311 : Intermediate Life Drawing II**

These courses are designed for those students who have completed at least two semesters of figure drawing and wish to continue with this wonderfully elastic imagery. The studio time is structured to include longer, more complex poses, allowing students to create drawings that are not only more fully developed but also include more advanced media control, both wet and dry. The class format includes slide lectures, gallery visits and ongoing critiques in addition to working from the model for up to six hours per week. Prerequisites: [ARTS 1301](#) and 1303

**Credits** 3

**Course ID**

001737

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 3311](#) Prerequisites: [ARTS 3310](#)

**ARTS 3312 : Intermediate Drawing I****Credits** 3**Course ID**

002142

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**[ARTS 3312](#) Prerequisites: [ARTS 1302](#) and 1303**ARTS 3313 : Intermediate Drawing II**

Second semester students continue to build skills while working on individual projects investigating in-depth the topics addressed in the first semester.

**Credits** 3**Course ID**

002143

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**[ARTS 3313](#) Prerequisites: [ARTS 3312](#)**ARTS 3316 : Intermediate Photography: Photoshop and Digital Imaging for Photographers I**

This computer-based course introduces the process of digitally manipulating photographic images using Adobe Photoshop, the most complete and professional software for digital imaging. This course focuses on basic image and color enhancement; provides a proper foundation for any practice utilizing digital images; teaches good practices for refining digital images and show how digital media open up new possibilities of expression. Students must have access to and operating knowledge of a digital or film camera. Computer-imaging experience is helpful, but not necessary. Basic maneuvers to operate within a computer-based environment will be covered as needed. The digital lab is outfitted with a PC platform. Enrollment is limited. Prerequisite: [ARTS 1305](#) or permission of the instructor.

**Credits** 3**Course ID**

007137

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**[ARTS 3316](#) Prerequisites: [ARTS 2317](#)

**ARTS 3317 : Intermediate Photography: Photoshop and Digital Imaging for Photographers II**

This course refines skills learned in [ARTS 3316](#) while introducing techniques for major image manipulation and digital image construction. Emphasis is placed on broadening technical knowledge while developing personal viewpoints and departures for investigation. Critiques have greater importance and impact, as students explore not only their artistic potential within digital media, but their personal agenda in producing images. Enrollment is limited. Prerequisite: [ARTS 3316](#)

**Credits** 3

**Course ID**

007138

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 3317](#) Prerequisites: [ARTS 3316](#)

**ARTS 3318 : Photoshop for Studio Artists I**

In this course, students explore the multitude of ways that computers can enhance art. Although basic computer skills will be developed, emphasis will be placed on conceptualizing and creating artwork with the assistance of the computer. This class is not only about Photoshop, but about using software and the Internet to assist with handmade art. All students must be working in studio classes at the intermediate level or above. Participants must have a laptop and Adobe Photoshop Elements of the full version of Adobe Photoshop. Basic computer skills are necessary.

**Credits** 3

**Course ID**

007264

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 3318](#) Prerequisites: [ARTS 1301](#) and (1303 or 1304) or Permission of Instructor

**ARTS 3319 : Photoshop for Studio Artists II**

Continuing ideas explored in [ARTS 3318](#), this course allows students to explore digital imaging software in more depth. The assignments are again conceptual in nature and unique to the computer. Students use computers and software to conceive ideas, but the output remains traditional media such as painting, drawing, watercolor, sculpture, and printmaking. Ultimately, the goal is for students to think of the computer as a personal studio assistant, using it to enhance their personal art practice. Prerequisites: [ARTS 3318](#) and the permission of the instructor.

**Credits** 3

**Course ID**

007265

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 3319](#) Prerequisites: [ARTS 3318](#)

**ARTS 3320 : Intermediate Painting I**

Intermediate painting presents a balance of technical and conceptual approaches in the development of painting. A wide variety of problems presented in class are individually directed. A review of fundamental procedures is considered when necessary, and emphasis is placed on individual growth and expansion.

Prerequisites: [ARTS 1301](#) and 1303

**Credits** 3

**Course ID**

001738

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 3320](#) Prerequisites: [ARTS 2321](#)

**ARTS 3321 : Intermediate Painting II**

Intermediate painting presents a balance of technical and conceptual approaches in the development of painting. A wide variety of problems presented in class are individually directed. A review of fundamental procedures is considered when necessary, and emphasis is placed on individual growth and expansion.

Prerequisites: [ARTS 1301](#) and 1303

**Credits** 3

**Course ID**

001739

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 3321](#) Prerequisites: [ARTS 3320](#)

**ARTS 3322 : Inter Painting I-Abstract Painting Essentials**

This course series is for students who wish to explore the generative ideas underlying abstract art. Each week a new theme is introduced through slide presentation. Students work at home in any medium and bring their work weekly for discussion and critique. Prerequisites: [ARTS 1301](#) and 1303

**Credits** 3

**Course ID**

005838

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 3322](#) Prerequisites: [ARTS 2321](#)

**ARTS 3323 : Inter Painting II-Abstract Painting Essentials**

This course series is for students who wish to explore the generative ideas underlying abstract art. Each week a new theme is introduced through slide presentation. Students work at home in any medium and bring their work weekly for discussion and critique. Prerequisites: [ARTS 1301](#) and 1303

**Credits** 3

**Course ID**

005839

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 3323](#) Prerequisites: [ARTS 3322](#)

**ARTS 3324 : Inter.Painting I-Focus on Realism**

**Credits** 3

**Course ID**

005827

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 3324](#) Prerequisites: [ARTS 2321](#)

**ARTS 3325 : Inter.Painting II-Focus on Realism**

**Credits** 3

**Course ID**

005828

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 3325](#) Prerequisites: [ARTS 3324](#)

**ARTS 3328 : Drawing Realistically I**

These courses give intermediate students interested in drawing more time to explore both technical drawing techniques and to further their interests in their imagery development. Both traditional, as well as non-traditional drawing mediums will be covered. The emphasis of this class will be on the literal depiction of objects. Students will work on several long drawings over the course of the semester with a range of goals to further their artistic advancement. Prerequisites: [ARTS 1302](#) and [ARTS 1303](#).

**Credits** 3

**Course ID**

007405

**Grading Basis**

Graded

**Course Component**

Lecture

**ARTS 3329 : Drawing Realistically II**

These courses give intermediate students interested in drawing more time to explore both technical drawing techniques and to further their interests in their imagery development. Both traditional, as well as non-traditional drawing mediums will be covered. The emphasis of this class will be on the literal depiction of objects. Students will work on several long drawings over the course of the semester with a range of goals to further their artistic advancement. Prerequisites: [ARTS 1302](#) and [ARTS 1303](#).

**Credits** 3

**Course ID**

007414

**Grading Basis**

Graded

**Course Component**

Lecture

**ARTS 3333 : Intermediate Sculpture I: Mixed Media**

In this course students learn how to match their creative ideas with the appropriate sculpture techniques. Advanced technical processes are introduced that provide the students with more ways to refine their work.

Prerequisites: [ARTS 1301](#)

**Credits** 3

**Course ID**

001740

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 3333](#) Prerequisites: [ARTS 1301](#), 2330, & 2331

**ARTS 3334 : Intermediate Sculpture II: Mixed Media**

In this course students learn how to match their creative ideas with the appropriate sculpture techniques. Advanced technical processes are introduced that provide the students with more ways to refine their work.

Prerequisites: [ARTS 1301](#)

**Credits** 3

**Course ID**

001741

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 3334](#) Prerequisites: [ARTS 3333](#)

**ARTS 3337 : Intermediate Figure Sculpture I**

Beginning students are introduced to sculpting the human figure by working from live models to explore anatomy and to extend the study of the human form into three dimensions. Sculpture projects focus on individual parts of the body as well as full figures. Students learn to create armatures to support clay figures and to create molds for casting clay sculptures into plaster and other durable materials. More experienced students work on projects that extend their knowledge of translating the figure both anatomically and expressively. The learning process is enhanced through viewing slides and figurative sculpture from the MFAH collections.

**Credits** 3

**Course ID**

007143

**Grading Basis**

Graded

**Course Component**

Lecture

**ARTS 3338 : Intermediate Figure Sculpture II**

Beginning students are introduced to sculpting the human figure by working from live models to explore anatomy and to extend the study of the human form into three dimensions. Sculpture projects focus on individual parts of the body as well as full figures. Students learn to create armatures to support clay figures and to create molds for casting clay sculptures into plaster and other durable materials. More experienced students work on projects that extend their knowledge of translating the figure both anatomically and expressively. The learning process is enhanced through viewing slides and figurative sculpture from the MFAH collections.

**Credits** 3

**Course ID**

007144

**Grading Basis**

Graded

**Course Component**

Lecture

**ARTS 3340 : Intermediate Ceramics I**

This course offers participants an opportunity to meld their creative abilities with the ceramics process. Students learn to refine ideas while studying glaze materials, glaze formulations, and the procedures of kiln loading and firing. More complex building and throwing techniques, such as repetitive and extended throwing, mold-making and the demands of large-scale construction are included. Prerequisites: [ARTS 1301](#)

**Credits** 3

**Course ID**

001742

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 3340](#) Prerequisites; [ARTS 2341](#)

**ARTS 3341 : Intermediate Ceramics II**

This course offers participants an opportunity to meld their creative abilities with the ceramics process. Students learn to refine ideas while studying glaze materials, glaze formulations, and the procedures of kiln loading and firing. More complex building and throwing techniques, such as repetitive and extended throwing, mold-making and the demands of large-scale construction are included. Prerequisites: [ARTS 1301](#)

**Credits** 3

**Course ID**

002215

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 3341](#) Prerequisites: [ARTS 3340](#)

**ARTS 3346 : Intermediate Ceramics: Hand-building I**

In this two-semester course, students enhance their hand-building skills and learn alternative building processes. Projects include building with solid clay, constructing with extrusions, and working on individual projects. In addition, there is an emphasis on glazemaking, specifically related to ceramic sculptural surfaces. Prerequisite: [ARTS 2341](#)

**Credits** 3

**Course ID**

007878

**Grading Basis**

Graded

**Course Component**

Lecture

**ARTS 3347 : Intermediate Ceramics: Hand-building II**

In this two-semester course, students enhance their hand-building skills and learn alternative building processes. Projects include building with solid clay, constructing with extrusions, and working on individual projects. In addition, there is an emphasis on glazemaking, specifically related to ceramic sculptural surfaces. Prerequisite: [ARTS 2341](#)

**Credits** 3

**Course ID**

007879

**Grading Basis**

Graded

**Course Component**

Lecture

**ARTS 3348 : Intermediate Ceramics: Wheel-Throwing I**

In this two semester course students continue to develop their wheel-throwing skills. A focus is placed on vessels with multiple components such as handles, lids, and spouts. Additionally, students learn to increase the scale of their vessels as well as to use alternative firing techniques. Prerequisite: [ARTS 2341](#)

**Credits** 3

**Course ID**

007880

**Grading Basis**

Graded

**Course Component**

Lecture



**ARTS 3349 : Intermediate Ceramics: Wheel-Throwing II**

In this two semester course students continue to develop their wheel-throwing skills. A focus is placed on vessels with multiple components such as handles, lids, and spouts. Additionally, students learn to increase the scale of their vessels as well as to use alternative firing techniques. Prerequisite: [ARTS 2341](#)

**Credits** 3

**Course ID**

007881

**Grading Basis**

Graded

**Course Component**

Lecture

**ARTS 3360 : Intermediate Jewelry I**

These courses focus on a survey of casting processes, with emphasis on matrix development. Integration with other processes is stressed. Prerequisites: [ARTS 1301](#)

**Credits** 3

**Course ID**

001743

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 3360](#) Prerequisites: [ARTS 2361](#)

**ARTS 3361 : Intermediate Jewelry II**

These courses focus on a survey of casting processes, with emphasis on matrix development. Integration with other processes is stressed. Prerequisites: [ARTS 1301](#)

**Credits** 3

**Course ID**

002216

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 3361](#) Prerequisites: [ARTS 3360](#)

**ARTS 3362 : Intermediate Enameling I**

These courses explore plique-a-jour, or backless enameling; enameling on a hydraulically pressed form; and silk-screening enamels. Prerequisites: [ARTS 1301](#)

**Credits** 3

**Course ID**

007149

**Grading Basis**

Graded

**Course Component**

Lecture

**ARTS 3363 : Intermediate Enameling II**

These courses explore plique-a-jour, or backless enameling; enameling on a hydraulically pressed form; and silk-screening enamels. Prerequisites: [ARTS 1301](#)

**Credits** 3

**Course ID**

007150

**Grading Basis**

Graded

**Course Component**

Lecture

**ARTS 3380 : Intermediate Watercolor I**

These courses review the concepts of composition and color, and introduce new technical approaches are introduced. Students are encouraged to develop disciplined studio practice, with personally expressive images as the goal. Prerequisites: [ARTS 1301](#) and 1303

**Credits** 3

**Course ID**

001744

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 3380](#) Prerequisites: [ARTS 2381](#)

**ARTS 3381 : Intermediate Watercolor II**

These courses review the concepts of composition and color, and introduce new technical approaches are introduced. Students are encouraged to develop disciplined studio practice, with personally expressive images as the goal. Prerequisites: [ARTS 1301](#) and 1303

**Credits** 3

**Course ID**

006444

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 3381](#) Prerequisites: [ARTS 3380](#)

**ARTS 3392 : Intermediate Level Independent Study in Studio Arts**

Independent studio practice at the intermediate level in a selected 2-D or 3-D medium pursued under the guidance of an assigned member of the faculty. Prerequisite: Permission of instructor

**Credits** 3

**Course ID**

007199

**Grading Basis**

Graded

**Course Component**

Independent Study

**ARTS 3396 : Intermediate Bookbinding I**

Students are encouraged to produce finished books while continuing to examine and refine issues of structure and content.

**Credits** 3

**Course ID**

005835

**Grading Basis**

Graded

**Course Component**

Lecture

**ARTS 3397 : Intermediate Bookbinding II**

Students work toward a further refinement of technical procedures with a focus on visual content. Both individual and group critiques are part of the class format.

**Credits** 3

**Course ID**

006759

**Grading Basis**

Graded

**Course Component**

Lecture

**ARTS 4191 : Internship in Studio Arts**

Practicum or on-the-job experience under the guidance of practicing specialists in the field. To be supervised individually by a department faculty member with the approval of the program chair.

**Credits** 1

**Course ID**

006612

**Grading Basis**

Graded

**Course Component**

Internship

**ARTS 4192 : Advanced Level Independent Study in Studio Arts**

Independent studio practice at the advanced level in a selected 2-D or 3-D medium pursued under the guidance of an assigned member of the faculty. Prerequisite: Permission of faculty member

**Credits** 1

**Course ID**

006642

**Grading Basis**

Graded

**Course Component**

Independent Study

**ARTS 4291 : Internship in Studio Arts**

Practicum or on-the-job experience under the guidance of practicing specialists in the field. To be supervised individually by a department faculty member with the approval of the program chair.

**Credits** 2

**Course ID**

006613

**Grading Basis**

Graded

**Course Component**

Internship

**ARTS 4292 : Advanced Level Independent Study in Studio Arts**

Independent studio practice at the advanced level in a selected 2-D or 3-D medium pursued under the guidance of an assigned member of the faculty. Prerequisite: Permission of faculty member

**Credits** 2

**Course ID**

007200

**Grading Basis**

Graded

**Course Component**

Independent Study

**ARTS 4301 : Advanced Printing: Monoprint I**

Students address more complex techniques and consider content of their personal style. While building a coherent body of work, they learn to combine various processes in ways that capitalize on the possibilities inherent in the medium as they apply to the student's rate of expression. Prerequisites: [ARTS 1301](#) and 1303

**Credits** 3

**Course ID**

007206

**Grading Basis**

Graded

**Course Component**

Lecture

**ARTS 4302 : Advanced Printing: Monoprint II**

Students address more complex techniques and consider content of their personal style. While building a coherent body of work, they learn to combine various processes in ways that capitalize on the possibilities inherent in the medium as they apply to the student's rate of expression. Prerequisites: [ARTS 1301](#) and 1303

**Credits** 3

**Course ID**

007207

**Grading Basis**

Graded

**Course Component**

Lecture

**ARTS 4303 : Advanced Printmaking I**

Advanced students work toward a further refinement of technical procedures with a focus on visual content. Both individual and group critiques are part of the class format. Prerequisites: [ARTS 1301](#) and 1303

**Credits** 3

**Course ID**

001745

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 4303](#) Prerequisites: [ARTS 3304](#)

**ARTS 4304 : Advanced Printmaking II**

Advanced students work toward a further refinement of technical procedures with a focus on visual content. Both individual and group critiques are part of the class format. Prerequisites: [ARTS 1301](#) and 1303

**Credits** 3

**Course ID**

006515

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 4304](#) Prerequisites: [ARTS 4303](#)

**ARTS 4305 : Advanced Photography I**

This course emphasizes photography as a vehicle for personal vision and expression, with technical, conceptual and perceptual ideas related. Individual and group critiques are conducted. Prerequisite: permission of faculty member.

**Credits** 3

**Course ID**

001746

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 4305](#) Prerequisites: [ARTS 3308](#)

**ARTS 4306 : Advanced Photography II**

This course emphasizes photography as a vehicle for personal vision and expression, with technical, conceptual and perceptual ideas related. Individual and group critiques are conducted. Prerequisite: permission of faculty member.

**Credits** 3

**Course ID**

001747

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 4306](#) Prerequisites: [ARTS 4305](#)

**ARTS 4310 : Advanced Life Drawing I**

These courses are designed for those students who have completed at least two semesters of figure drawing and wish to continue with this wonderfully elastic imagery. The studio time is structured to include longer, more complex poses, allowing students to create drawings that are not only more fully developed but also include more advanced media control, both wet and dry. The class format includes slide lectures, gallery visits and ongoing critiques in addition to working from the model for up to six hours per week. Prerequisites: [ARTS 1301](#) and 1303

**Credits** 3

**Course ID**

002217

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 4310](#) Prerequisites: [ARTS 3311](#)

**ARTS 4311 : Advanced Life Drawing II**

These courses are designed for those students who have completed at least two semesters of figure drawing and wish to continue with this wonderfully elastic imagery. The studio time is structured to include longer, more complex poses, allowing students to create drawings that are not only more fully developed but also include more advanced media control, both wet and dry. The class format includes slide lectures, gallery visits and ongoing critiques in addition to working from the model for up to six hours per week. Prerequisites: [ARTS 1301](#) and 1303

**Credits** 3

**Course ID**

002464

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 4311](#) Prerequisites: [ARTS 4310](#)

**ARTS 4312 : Advanced Drawing I**

Advanced Drawing is a two semester course which investigates contemporary drawing practices and theory such as how drawing relates to other media such as installation, performance, photography and new technologies. Class time will be devoted to presentations, critiques, and engage in research of historical and contemporary artists. Students are expected to work outside of designated class time to completion their work.

**Credits** 3

**Course ID**

007491

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 4312](#) Prerequisites: [ARTS 3313](#)

**ARTS 4313 : Advanced Drawing II**

Advanced Drawing is a two semester course which investigates contemporary drawing practices and theory such as how drawing relates to other media such as installation, performance, photography and new technologies. Class time will be devoted to presentations, critiques, and engage in research of historical and contemporary artists. Students are expected to work outside of designated class time to completen their work. Second semester students continue their investigations working on independent projects in consultation with the instructor.

**Credits** 3

**Course ID**

007492

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 4313](#) Prerequisites: [ARTS 4312](#)

**ARTS 4316 : Advanced Photography: Digital Emphasis I**

This course emphasizes but is not limited to, the use of digital media as a vehicle for personal artistic investigation and expression. Students employ technical, conceptual, and perceptual approaches to realize individual agendas and explore their disciplines. The course structure is similar to independent study, yet includes the benefits of a classroom environment along with individual and group critiques. Prerequisite: [ARTS 3317](#) or permission of instructor.

**Credits** 3

**Course ID**

007139

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 4316](#) Prerequisites: [ARTS 3317](#)

**ARTS 4317 : Advanced Photography: Digital Emphasis II**

This course further develops the work of [ARTS 4316](#). Students are expected to engage themselves as artists.

Prerequisite: [ARTS 4316](#) or permission of instructor.

**Credits** 3

**Course ID**

007140

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 4317](#) Prerequisites: [ARTS 4316](#)

**ARTS 4320 : Advanced Painting I**

Students are encouraged to develop their own projects and personal directions in this combination of intensive, independent studio work and ongoing guidance and critique. Prerequisites: [ARTS 1301](#) and 1303

**Credits** 3

**Course ID**

001748

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 4320](#) Prerequisites: [ARTS 3321](#)

**ARTS 4321 : Advanced Painting II**

Students are encouraged to develop their own projects and personal directions in this combination of intensive, independent studio work and ongoing guidance and critique. Prerequisites: [ARTS 1301](#) and 1303

**Credits** 3

**Course ID**

001749

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 4321](#) Prerequisites: [ARTS 4320](#)

**ARTS 4322 : Advanced Painting I-Abstract Painting Essentials**

This course series is for students who wish to explore the generative ideas underlying abstract art. Each week a new theme is introduced through slide presentation. Students work at home in any medium and bring their work weekly for discussion and critique. Prerequisites: [ARTS 1301](#) and 1303

**Credits** 3

**Course ID**

005842

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 4322](#) Prerequisites: [ARTS 3321](#)



**ARTS 4323 : Advanced Painting II-Abstract Painting Essentials**

This course series is for students who wish to explore the generative ideas underlying abstract art. Each week a new theme is introduced through slide presentation. Students work at home in any medium and bring their work weekly for discussion and critique. Prerequisites: [ARTS 1301](#) and 1303

**Credits** 3

**Course ID**

005843

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 4323](#) Prerequisites: [ARTS 4322](#)

**ARTS 4326 : Advanced 3-D Critique**

This critique course is designed for advanced students working in a 3-D media including sculpture, jewelry, or ceramic. The course provides an environment for constructive feedback and critique by faculty as well as outside members of the Houston community. As this is a critique course, the work discussed will be created outside the classroom.

**Credits** 3

**Course ID**

008512

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 4326](#) Prerequisites: One of the following courses must be completed - [ARTS 3334](#), 3341, 3347, 3349, 3361, 3363.

**Semester Offered**

Fall and spring semesters

**ARTS 4327 : Advanced 3-D Critique**

This critique course is designed for advanced students working in a 3-D media including sculpture, jewelry, or ceramic. The course provides an environment for constructive feedback and critique by faculty as well as outside members of the Houston community. As this is a critique course, the work discussed will be created outside the classroom.

**Credits** 3

**Course ID**

008513

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 4327](#) Prerequisites: [ARTS 4326](#)

**Semester Offered**

Fall and spring semesters

**ARTS 4328 : Advanced Drawing Realistically I**

Advanced students will be encouraged to continue the realistic drawing techniques learned at the intermediate level, but with a focus on combining mediums together to further the realism of the drawings through the use of texture. The three long drawings will be based around a theme chosen by the student. Students will learn how to incorporate their drawing skills and drawing mediums with their conceptual goals to produce their finished drawings. Prerequisites: [ARTS 1302](#), 1303 and 3315.

**Credits** 3

**Course ID**

007415

**Grading Basis**

Graded

**Course Component**

Lecture

**ARTS 4329 : Advanced Drawing Realistically II**

Advanced students will be encouraged to continue the realistic drawing techniques learned at the intermediate level, but with a focus on combining mediums together to further the realism of the drawings through the use of texture. The three long drawings will be based around a theme chosen by the student. Students will learn how to incorporate their drawing skills and drawing mediums with their conceptual goals to produce their finished drawings. Prerequisites: [ARTS 1302](#), 1303 and 3315.

**Credits** 3

**Course ID**

007416

**Grading Basis**

Graded

**Course Component**

Lecture

**ARTS 4333 : Advanced Sculpture I Mixed Media**

This course includes a wider variety of media, and addresses issues of format, that are tailored to particular interests. Individual and group critiques as well as slide presentations support the primary focus, which is the production of work in the studio. Prerequisites: [ARTS 1301](#)

**Credits** 3

**Course ID**

005831

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 4333](#) Prerequisites: [ARTS 3334](#)

**ARTS 4334 : Advanced Sculpture II Mixed Media**

This course includes a wider variety of media, and addresses issues of format, that are tailored to particular interests. Individual and group critiques as well as slide presentations support the primary focus, which is the production of work in the studio. Prerequisites: [ARTS 1301](#)

**Credits** 3

**Course ID**

005832

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 4334](#) Prerequisites: [ARTS 4333](#)

**ARTS 4340 : Advanced Ceramics I**

After consultation with the course faculty member, advanced students propose a self-directed course of study involving ceramics as a medium for visual expression. Topics discussed are the student's goals and direction, methods of presentation, self-evaluation and critical review. Prerequisites: [ARTS 1301](#)

**Credits** 3

**Course ID**

001750

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 4340](#) Prerequisites: [ARTS 3341](#)

**ARTS 4341 : Advanced Ceramics II**

After consultation with the course faculty member, advanced students propose a self-directed course of study involving ceramics as a medium for visual expression. Topics discussed are the student's goals and direction, methods of presentation, self-evaluation and critical review. Prerequisites: [ARTS 1301](#)

**Credits** 3

**Course ID**

003698

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 4341](#) Prerequisites: [ARTS 4340](#)

**ARTS 4360 : Advanced Jewelry I**

This level includes a variety of fabrication techniques and form treatments, such as forging, raising, mechanisms, and granulation. Among the various projects is the concept of a container. Individual development is emphasized as concepts, content and processes are combined. Prerequisites: [ARTS 1301](#)

**Credits** 3

**Course ID**

001751

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 4360](#) Prerequisites: [ARTS 3361](#)

**ARTS 4361 : Advanced Jewelry II**

This level includes a variety of fabrication techniques and form treatments, such as forging, raising, mechanisms, and granulation. Among the various projects is the concept of a container. Individual development is emphasized as concepts, content and processes are combined. Prerequisites: [ARTS 1301](#)

**Credits** 3

**Course ID**

002463

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 4361](#) Prerequisites: [ARTS 4360](#)

**ARTS 4362 : Advanced Enameling I**

With an increased emphasis on design and the use of enamels for creative expression, these courses go beyond mastering technical exercises. Prerequisites: [ARTS 1301](#)

**Credits** 3

**Course ID**

007151

**Grading Basis**

Graded

**Course Component**

Lecture

**ARTS 4363 : Advanced Enameling II**

With an increased emphasis on design and the use of enamels for creative expression, these courses go beyond mastering technical exercises. Prerequisites: [ARTS 1301](#)

**Credits** 3

**Course ID**

007152

**Grading Basis**

Graded

**Course Component**

Lecture

**ARTS 4380 : Advanced Watercolor I**

This course develops a keener understanding of watercolor, introduce new techniques and encourage experimental approaches suitable to the current aesthetic climate. Style grows out of experience with the medium; ideally, unique temperaments, personalities, and skills will foster works of individual expression. Prerequisites: [ARTS 1301](#) and 1303

**Credits** 3

**Course ID**

001752

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 4380](#) Prerequisites: [ARTS 3381](#)

**ARTS 4381 : Advanced Watercolor II**

This course develops a keener understanding of watercolor, introduce new techniques and encourage experimental approaches suitable to the current aesthetic climate. Style grows out of experience with the medium; ideally, unique temperaments, personalities, and skills will foster works of individual expression. Prerequisites: [ARTS 1301](#) and 1303

**Credits** 3

**Course ID**

001753

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 4381](#) Prerequisites: [ARTS 4380](#)

**ARTS 4391 : Internship in Studio Arts**

Practicum or on-the-job experience under the guidance of practicing specialists in the field. To be supervised individually by a department faculty member with the approval of the program chair.

**Credits** 3

**Course ID**

006614

**Grading Basis**

Graded

**Course Component**

Internship

**ARTS 4392 : Advanced Level Independent Study in Studio Arts**

Independent studio practice at the advanced level in a selected 2-D or 3-D medium pursued under the guidance of an assigned member of the faculty. Prerequisite: Permission of faculty member

**Credits** 3

**Course ID**

007201

**Grading Basis**

Graded

**Course Component**

Independent Study

**ARTS 4393 : Advanced Topics in Art**

Advanced treatment of selected topics. Prerequisite: permission of the faculty member.

**Credits** 3

**Course ID**

001754

**Grading Basis**

Graded

**Course Component**

Lecture

**ARTS 4394 : Advanced 2-D Critique**

This critique course is designed for advanced 2D students in any area trying to push their practices forward through ongoing feedback and critique. Students have access to the thoughts and opinions of two different faculty members on alternate weeks. As in any critique class, work discussed is made independently outside the classroom. The intense focus of this course allows students to grow their work substantially.

**Credits** 3

**Course ID**

005844

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 4394](#) Prerequisites: One of the following courses must be completed - [ARTS 3302](#), 3308, 3311, 3313, 3317, 3321, 3323, 3381.

**Semester Offered**

Fall and spring semesters

**ARTS 4395 : Advanced 2-D Critique II**

This critique course is designed for advanced 2D students in any area trying to push their practices forward through ongoing feedback and critique. Students have access to the thoughts and opinions of two different faculty members on alternate weeks. As in any critique class, work discussed is made independently outside the classroom. The intense focus of this course allows students to grow their work substantially.

**Credits** 3

**Course ID**

005845

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARTS 4395](#) Prerequisites: [ARTS 4394](#)

**Semester Offered**

Fall and spring semesters

**ARTS 4396 : Advanced Bookbinding I**

Students work on products designed in consultation with the instructor and executed independently. Aesthetic and technical advice is provided during individual and group critiques.

**Credits** 3

**Course ID**

006760

**Grading Basis**

Graded

**Course Component**

Lecture

**ARTS 4397 : Advanced Bookbinding II**

Students work toward a further refinement of technical procedures with a focus on visual content. Both individual and group critiques are part of the class format.

**Credits** 3

**Course ID**

006761

**Grading Basis**

Graded

**Course Component**

Lecture

**ARTS 4398 : Professional Practices, Preparing to Exhibit Seminar**

Advanced students have an opportunity to discuss and critique the issues involved in how and when to exhibit their work, whether selecting from a body of existing images or determining the conceptual scope and media parameters of new work. This course also examines the range of choices governing installation preparation and design; documenting work; approaching gallery directors; and writing proposals, or artist's statements. Required course for all senior BA/BFA students. Prerequisite: a working knowledge, at the advanced level, of 2-D and/or 3-D media.

**Credits** 3

**Course ID**

007196

**Grading Basis**

Graded

**Course Component**

Seminar

**ARTS 4698 : Senior Project**

A tutorial seminar in which an BFA students continue a comprehensive two-semester capstone project of creative work formulated and executed by the student under the supervision of a Glassell Studio School faculty adviser designated in accordance with the direction of the student's interest. Upon completion students present their work and their ideas about their work to a faculty committee. This review affords graduation students the opportunity to analyze and summarize their work, and to engage a faculty committee in discussion about issues that face an artist preparing to enter a career in art. An exhibition of selected work, done in the project, is expected of each student. Enrollment in this course is limited to and required of all BFA seniors.

**Credits** 6

**Course ID**

007496

**Grading Basis**

Graded

**Course Component**

Seminar

**ARTS 4699 : Senior Project Concept and Practice**

A tutorial seminar in which an BFA students continue a comprehensive two-semester capstone project of creative work formulated and executed by the student under the supervision of a Glassell Studio School faculty adviser designated in accordance with the direction of the student's interest. Upon completion students present their work and their ideas about their work to a faculty committee. This review affords graduation students the opportunity to analyze and summarize their work, and to engage a faculty committee in discussion about issues that face an artist preparing to enter a career in art. An exhibition of selected work, done in the project, is expected of each student. Enrollment in this course is limited to and required of all BFA seniors.

**Credits** 6

**Course ID**

007581

**Grading Basis**

Graded

**Course Component**

Seminar

## Dance

**DANC 1300 : Ballet I**

This entry-level studio course establishes the fundamentals of Ballet technique in the student dancer, including body alignment, technical skills, performance skills, and vocabulary.

**Credits** 3

**Course ID**

008368

**Grading Basis**

Graded

**Course Component**

Applied Studies



**DANC 1301 : Ballet I**

This entry-level studio course establishes the fundamentals of Ballet technique in the student dancer, including body alignment, technical skills, performance skills, and vocabulary.

**Credits** 3

**Course ID**

008369

**Grading Basis**

Graded

**Course Component**

Applied Studies

**DANC 1310 : Modern Dance I**

This is an introductory course in the fundamentals of modern dance technique. Students will learn from a variety of modern dance techniques and practices to prepare and train the body, and utilize this learning in movement sequences that will emphasize that articulation and coordination of body parts, rhythm, musicality and expression.

**Credits** 3

**Course ID**

008377

**Grading Basis**

Graded

**Course Component**

Applied Studies

**DANC 1311 : Modern Dance I**

This is an introductory course in the fundamentals of modern dance technique. Students will learn from a variety of modern dance techniques and practices to prepare and train the body, and utilize this learning in movement sequences that will emphasize that articulation and coordination of body parts, rhythm, musicality and expression.

**Credits** 3

**Course ID**

008378

**Grading Basis**

Graded

**Course Component**

Applied Studies

**DANC 1320 : Global Dance Techniques I**

This is an introductory course in the fundamentals of global dance forms. This is a studio-based technique course in which students will learn the aesthetics, theory and practice of global dance forms, such as Flamenco, Ballet Folkloriko, African Dance Forms, or Classical Indian Dance. Students will be encouraged to investigate how the body is used as a tool for expression and definition of cultural voice within the discipline studied.

**Credits** 3

**Course ID**

008547

**Grading Basis**

Graded

**Course Component**

Applied Studies

**DANC 1321 : Global Dance Techniques I**

This is an introductory course in the fundamentals of global dance forms. This is a studio-based technique course in which students will learn the aesthetics, theory and practice of global dance forms, such as Flamenco, Ballet Folkloriko, African Dance Forms, or Classical Indian Dance. Students will be encouraged to investigate how the body is used as a tool for expression and definition of cultural voice within the discipline studied.

**Credits** 3

**Course ID**

008548

**Grading Basis**

Graded

**Course Component**

Applied Studies

**DANC 1330 : Dance Improvisation**

This is an introductory course that will introduce dance students to dance making, specifically through improvisation. Students will investigate various methods of spontaneous problem solving as a means to generate movement. As individuals and in groups, students will be called upon to respond to various stimuli, such as music, text, images and structures, in order to generate original movement in a safe and supportive environment.

**Credits** 3

**Course ID**

008376

**Grading Basis**

Graded

**Course Component**

Applied Studies

**Semester Offered**

Fall semester

**DANC 1340 : Dance Survey**

Dance Survey will introduce students to the discipline of dance and the ways dance creates and analyzes knowledge about the world. Through a cross-cultural survey of theories and styles of dance and their relationship to societal contexts and other art forms, this class will examine dance as a form of communication and as an art.

**Credits** 3

**Course ID**

008494

**Grading Basis**

Graded

**Course Component**

Lecture

**DANC 2300 : Ballet II**

Ballet II builds upon the fundamentals of ballet technique to introduce students to intermediate to advanced skills within the classical ballet vocabulary. Pre-requisite: [DANC 1300](#) and 1301 or equivalent.

**Credits** 3

**Course ID**

008371

**Grading Basis**

Graded

**Course Component**

Applied Studies

**Requisites**

[DANC 2300](#)/2301 Pre-requisite

**DANC 2301 : Ballet II**

Ballet II builds upon the fundamentals of ballet technique to introduce students to intermediate to advanced skills within the classical ballet vocabulary. Pre-requisite: [DANC 1300](#) and 1301 or equivalent.

**Credits** 3

**Course ID**

008372

**Grading Basis**

Graded

**Course Component**

Applied Studies

**DANC 2310 : Modern Dance II**

Modern Dance II builds upon fundamentals of modern dance technique to develop intermediate to advanced level skills. Students will learn from a variety of modern dance techniques and practices to prepare the body, and apply this learning to movement sequences that will emphasize that articulation and coordination of body parts, rhythm, musicality and expression. Pre-requisite: [DANC 1310](#) and [DANC 1311](#) or equivalent.

**Credits** 3

**Course ID**

008379

**Grading Basis**

Graded

**Course Component**

Applied Studies

**Requisites**

[DANC 2310](#)/2311 Prerequisites: [DANC 1310](#)/1311

**DANC 2311 : Modern Dance II**

Modern Dance II builds upon fundamentals of modern dance technique to develop intermediate to advanced level skills. Students will learn from a variety of modern dance techniques and practices to prepare the body, and apply this learning to movement sequences that will emphasize that articulation and coordination of body parts, rhythm, musicality and expression. Pre-requisite: [DANC 1310](#) and [DANC 1311](#) or equivalent.

**Credits** 3

**Course ID**

008716

**Grading Basis**

Graded

**Course Component**

Applied Studies

**Requisites**

[DANC 2310/2311](#) Prerequisites: [DANC 1310/1311](#)

**DANC 2320 : Global Dance Techniques II**

This is a studio-based technique course that builds upon prior knowledge of a global dance technique's form and aesthetics and aims for sophistication and nuance in both theory and practice. Forms studied can be drawn from classes in Flamenco, Ballet Folkloriko, African Dance Forms, or Classical Indian Dance. Students will be encouraged to investigate how the body is used as a tool for expression and definition of cultural voice within the discipline studied.

**Credits** 3

**Course ID**

008549

**Grading Basis**

Graded

**Course Component**

Applied Studies

**Requisites**

[DANC 2320/2321](#) Prerequisites: [DANC 1320](#) and 1321.

**DANC 2321 : Global Dance Techniques II**

This is a studio-based technique course that builds upon prior knowledge of a global dance technique's form and aesthetics and aims for sophistication and nuance in both theory and practice. Forms studied can be drawn from classes in Flamenco, Ballet Folkloriko, African Dance Forms, or Classical Indian Dance. Students will be encouraged to investigate how the body is used as a tool for expression and definition of cultural voice within the discipline studied.

**Credits** 3

**Course ID**

008550

**Grading Basis**

Graded

**Course Component**

Applied Studies

**Requisites**

[DANC 2320/2321](#) Prerequisites: [DANC 1320](#) and 1321.

**DANC 2350 : Hip Hop Dance**

This course will introduce students to urban dance styles. It will focus on the foundations and physical vocabularies of hip hop, freestyle, and street dance forms. The classes will develop strength, coordination, flexibility, stamina and rhythmic awareness as needed for the rigors of urban dance techniques.

**Credits** 3

**Course ID**

008457

**Grading Basis**

Graded

**Course Component**

Applied Studies

**DANC 2360 : Choreography I**

This is a beginning level choreography course that will introduce students the choreographic theory and process, and to the basic tools and forms that comprise choreography. Students will learn to analyze the various components of design and create basic dance studies that demonstrate understanding of dance as a craft and art. Pre-requisite: DANC 1230.

**Credits** 3

**Course ID**

008375

**Grading Basis**

Graded

**Course Component**

Applied Studies

**Requisites**

[DANC 2360](#) Pre-requisite

**DANC 3170 : Dance Performance**

Dance Performance is based upon a professional dance company model, and will include practical experience in preparing for and performing works under the direction of faculty or guest choreographers. This course will include performance opportunities.

**Credits** 1

**Course ID**

008546

**Grading Basis**

Graded

**Course Component**

Applied Studies

**DANC 3270 : Dance Performance**

Dance Performance is based upon a professional dance company model, and will include practical experience in preparing for and performing works under the direction of faculty or guest choreographers. This course will include performance opportunities.

**Credits** 2

**Course ID**

008551

**Grading Basis**

Graded

**Course Component**

Applied Studies

**Requisites**

[DANC 3270](#) Prerequisites: Student must have a major of Dance (BA or BFA).

**DANC 3300 : Ballet III**

Ballet III builds upon the foundations of ballet technique to introduce intermediate level students to advanced skills within the classical ballet vocabulary.

**Credits** 3

**Course ID**

008373

**Grading Basis**

Graded

**Course Component**

Applied Studies

**Requisites**

[DANC 3300](#)/3301 Pre-requisite

**DANC 3301 : Ballet III**

Ballet III builds upon the foundations of ballet technique to introduce intermediate level students to advanced skills within the classical ballet vocabulary. Pre-requisite: [DANC 2300](#) and 2301 or by audition and approval of the dance faculty.

**Credits** 3

**Course ID**

008374

**Grading Basis**

Graded

**Course Component**

Applied Studies

**Requisites**

[DANC 3300](#)/3301 Pre-requisite

**DANC 3310 : Modern Dance III**

Modern Dance III builds upon fundamentals of modern dance technique to develop advanced level skills. Students will learn from a variety of modern dance techniques and practices to prepare the body, and will apply this learning to movement sequences that will emphasize that articulation and coordination of body parts, rhythm, musicality and expression.

**Credits** 3

**Course ID**

008784

**Grading Basis**

Graded

**Course Component**

Applied Studies

**Requisites**

[DANC 3310](#)/3311 Prerequisites: [DANC 2310](#)/2311

**DANC 3311 : Modern Dance III**

Modern Dance III builds upon fundamentals of modern dance technique to develop advanced level skills. Students will learn from a variety of modern dance techniques and practices to prepare the body, and will apply this learning to movement sequences that will emphasize that articulation and coordination of body parts, rhythm, musicality and expression.

**Credits** 3

**Course ID**

008785

**Grading Basis**

Graded

**Course Component**

Applied Studies

**Requisites**

[DANC 3310/3311](#) Prerequisites: [DANC 2310/2311](#)

**DANC 3340 : Dance History**

Dance History will be a survey course in the history of dance, with an emphasis on dance as an art form in the western theatrical tradition, specifically Ballet, Modern, Post-Modern and Contemporary Dance. The course will examine major time periods and figures in the development of the art form. Dance will be considered as an expression of human culture and students will analyze key developments in dance as they relate to social, political and historical events.

**Credits** 3

**Course ID**

008542

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[DANC 3340](#) Prerequisites: [DANC 1340](#)

**DANC 3350 : Jazz Dance**

This course will introduce students to Jazz Dance vocabulary and styles. It will focus on the foundations and physical vocabularies specific to Jazz Dance. The classes will develop strength, coordination, flexibility, stamina and rhythmic awareness in all dancers.

**Credits** 3

**Course ID**

008884

**Grading Basis**

Graded

**Course Component**

Applied Studies

**DANC 3360 : Choreography II**

In this upper level course, students will utilize previous learning and understanding of dance as a craft and art, to create and develop extended original dance works.

**Credits** 3

**Course ID**

008469

**Grading Basis**

Graded

**Course Component**

Applied Studies

**DANC 3380 : Somatic Practices**

This course will introduce students to an understanding of general somatic principles and embodied anatomy, and develop proficiency and increased knowledge about dance conditioning practices. Drawing from various somatic practices, the goal of this course will be to improve stability, strength, awareness, and an elementary understanding of anatomy as it applies to movement.

**Credits** 3

**Course ID**

008552

**Grading Basis**

Graded

**Course Component**

Applied Studies

**DANC 4292 : Directed Reading/Independent Study in Dance**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Substantial research paper or audio/video production required. May be repeated for a maximum of 6 credit hours. Prerequisites: junior- or senior-level status; permission of faculty member

**Credits** 2

**Course ID**

008776

**Grading Basis**

Graded

**Course Component**

Independent Study

**DANC 4300 : Ballet IV**

Ballet IV builds upon the foundations of ballet technique to introduce Intermediate/ Advanced level students to advanced skills within the classical ballet repertory, including body alignment, technical skills, performance skills, and vocabulary.

**Credits** 3

**Course ID**

008885

**Grading Basis**

Graded

**Course Component**

Applied Studies

**Requisites**

[DANC 4300](#) Prerequisite: [DANC 3301](#)

**Semester Offered**

Fall, spring, summer semesters



**DANC 4301 : Ballet IV**

Ballet IV builds upon the foundations of ballet technique to introduce Intermediate/ Advanced level students to advanced skills within the classical ballet vocabulary, including body alignment, technical skills, performance skills, and vocabulary.

**Credits** 3

**Course ID**

008886

**Grading Basis**

Graded

**Course Component**

Applied Studies

**Requisites**

[DANC 4301](#) Prerequisite: [DANC 4300](#)

**DANC 4310 : Modern Dance IV**

Modern Dance IV builds upon intermediate/advanced levels of modern dance technique to develop advanced level skills. Students will learn from a variety of modern dance techniques and practices to prepare the body, and will apply this learning to movement sequences that will emphasize that articulation and coordination of body parts, rhythm, musicality and expression.

**Credits** 3

**Course ID**

008887

**Grading Basis**

Graded

**Course Component**

Applied Studies

**Requisites**

[DANC 4310](#) Prerequisites: [DANC 3311](#)

**Semester Offered**

Fall, spring, summer semesters

**DANC 4311 : Modern Dance IV**

Modern Dance IV builds upon intermediate/advanced levels of modern dance technique to develop advanced level skills. Students will learn from a variety of modern dance techniques and practices to prepare the body, and will apply this learning to movement sequences that will emphasize that articulation and coordination of body parts, rhythm, musicality and expression.

**Credits** 3

**Course ID**

008888

**Grading Basis**

Graded

**Course Component**

Applied Studies

**Requisites**

[DANC 4311](#) Prerequisite: [DANC 4310](#)

**Semester Offered**

Fall, spring, summer semesters

**DANC 4330 : Teaching Methods in Dance**

This course will develop methods and skills for teaching ballet, modern dance and creative movement in various settings such as the public school classroom, private dance studio, and academic classroom. This course will include pedagogical theory and practice.

**Credits** 3

**Course ID**

008545

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[DANC 4330](#) Prerequisites: ([DANC 1300/1301](#) OR [DANC 1310/1311](#) OR [DANC 1320/1321](#)) AND [DANC 1340](#)

**DANC 4340 : Dance Criticism and Analysis**

Students will develop critical thinking skills, and apply multiple academic lenses and approaches needed for the analysis of dance works and choreography. By exploring the political and social contexts that inform dance works, students will broaden their understanding

**Credits** 3

**Course ID**

008470

**Grading Basis**

Graded

**Course Component**

Lecture

**DANC 4390 : Senior Capstone**

This course is designed for the graduating dance student and will integrate the dance student's learning over the entire course of their degree into the development and presentation of a culminating project in performance, choreography, media, scholarship or entrepreneurial enterprise.

**Credits** 3

**Course ID**

008553

**Grading Basis**

Graded

**Course Component**

Seminar

**Requisites**

[DANC 4390](#) Prerequisites: DANC 1230, 1340, 3340, 2360, 3360, 4330, 1320, 1321, 2320, 2321, 3280. Senior Standing.

**DANC 4392 : Directed Reading/Independent Study in Dance**

Student research on a selected problem in the field, pursued under the guidance of a faculty member.

**Credits** 3

**Course ID**

008777

**Grading Basis**

Graded

**Course Component**

Independent Study

**Semester Offered**

Offered as needed

**DANC 4398 : Professional Practices**

This course is designed for the graduating dance major to develop practices and skills valuable to building a career in dance and dance-related fields. The student will create a professional portfolio that includes writing, performance and choreographic work, research individual interests in dance and dance related fields, prepare for the audition and job application process, and develop skills, such as grant writing, necessary for dance entrepreneurship.

**Credits** 3

**Course ID**

008554

**Grading Basis**

Graded

**Course Component**

Practicum

**Requisites**

[DANC 4398](#) Prerequisites: DANC 1230, 1340, 3340, 2360, 3360, 4330, 1320, 1321, 2320, 2321, 3280. Senior Standing.

**DANC 4492 : Directed Reading/Independent Study in Dance**

Student research on a selected problem in the field, pursued under the guidance of a faculty member.

**Credits** 4

**Course ID**

009005

**Grading Basis**

Graded

**Course Component**

Independent Study

# Drama

## **DRAM 1111 : Rehearsal and Production**

Participation backstage and on stage in Drama Program productions.

**Credits** 1

**Course ID**

001138

**Grading Basis**

Graded

**Course Component**

Applied Studies

**Semester Offered**

Fall and spring semesters

## **DRAM 1112 : Rehearsal and Production**

Participation backstage and on stage in Drama Program productions.

**Credits** 1

**Course ID**

001139

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

## **DRAM 1330 : Introduction to Theatre**

A foundation program in drama. Emphasis is on history, play structure, acting and design.

**Credits** 3

**Course ID**

001146

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall, spring, summer semesters

**DRAM 1331 : Acting I**

Development of acting skills based on traditional Stanislavski techniques. Students will learn to give a truthful performance, sharpen their critical thinking and oral communication skills, and engage in the process of creating theatrical art. Acting techniques will be synthesized with Aristotle's dramatic structure and the expression of the human condition in a philosophical, cultural, and historical context. The students are actively involved in live performance.

**Credits** 3

**Course ID**

001147

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall semester

**DRAM 1336 : Stagecraft**

The technique of scenery construction and painting.

**Credits** 3

**Course ID**

001149

**Grading Basis**

Graded

**Course Component**

Lecture

**DRAM 2111 : Rehearsal and Production**

Participation backstage and on stage in Drama Program productions.

**Credits** 1

**Course ID**

001140

**Grading Basis**

Graded

**Course Component**

Applied Studies

**DRAM 2112 : Rehearsal and Production**

Participation backstage and on stage in Drama Program productions.

**Credits** 1

**Course ID**

001141

**Grading Basis**

Graded

**Course Component**

Lecture

**DRAM 2331 : Movement for the Theatre**

In an effort to shape a more fully responsive, spontaneous and creative actor, This course explores a variety of movement traditions, including Classical Ballet, Stage Combat, Kabuki, Noh, Restoration Behavior and techniques of both Suzuki and Anne Bogart.

**Credits** 3

**Course ID**

001150

**Grading Basis**

Graded

**Course Component**

Lecture

**DRAM 2332 : On Camera Acting**

Theory and practice in characterization. Students participate in duet scenes and monologues and appear in one-act plays. Prerequisite: [DRAM 1331](#) or its equivalent.

**Credits** 3

**Course ID**

001148

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[DRAM 2332](#) Prerequisite: [DRAM 1331](#)

**Semester Offered**

Spring semester, odd years

**DRAM 2333 : Stage Makeup**

Design and application of makeup for the stage. (\$10 fee).

**Credits** 3

**Course ID**

001151

**Grading Basis**

Graded

**Course Component**

Lecture

**DRAM 2335 : Theatre Speech**

A practical and theoretical examination of the basic principles of voice production. The student works with images and characterization necessary for the stage. Emphasis on dictation and articulation.

**Credits** 3

**Course ID**

001152

**Grading Basis**

Graded

**Course Component**

Lecture

**DRAM 2338 : Children's Theatre**

Lower-division treatment of theory and practice in the art of performing for young audiences. The students will participate in a major production for children.

**Credits** 3

**Course ID**

007275

**Grading Basis**

Graded

**Course Component**

Lecture

**DRAM 2340 : The Story of Theatre I**

A basic introduction to the major developments in the theater from antiquity to restoration. This course will explore the people, the places and the performances in which the human story has come to life on the stage. Play attendance and practical projects are among requirements of this course. (Odd fall) No prerequisite.

**Credits** 3

**Course ID**

007851

**Grading Basis**

Graded

**Course Component**

Lecture

**DRAM 2341 : The Story of Theatre II**

A basic introduction to the major developments in the theater from the restoration through the post-modern era. This course will explore the people, the places and the performances in which the human story has come to life on the stage. Play attendance and practical projects are among requirements of this course. (Even fall) No prerequisite.

**Credits** 3

**Course ID**

007743

**Grading Basis**

Graded

**Course Component**

Lecture

**DRAM 3111 : Rehearsal and Production**

Participation backstage and on stage in Drama Program productions.

**Credits** 1

**Course ID**

001142

**Grading Basis**

Graded

**Course Component**

Applied Studies

**Requisites**

[DRAM 3111](#) Prerequisite: Junior Standing

**DRAM 3112 : Rehearsal and Production**

Participation backstage and on stage in Drama Program productions.

**Credits** 1

**Course ID**

001143

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[DRAM 3112](#) Prerequisite: Junior Standing

**DRAM 3137 : Children's Theatre Laboratory**

A production and performance laboratory which will involve students in a play for young audiences.

Co-requisite: [DRAM 3337](#). May be repeated for credit.

**Credits** 1

**Course ID**

001153

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[DRAM 3137](#) Corequisite: [DRAM 3337](#)

**DRAM 3329 : Screenwriting**

Theories and techniques of writing feature films and teleplays, including structure, dialogue and characterization. Students write scenes and a short screenplay. Prerequisite: permission of faculty member.

**Credits** 3

**Course ID**

003771

**Grading Basis**

Graded

**Course Component**

Lecture

**DRAM 3330 : Special Projects**

**Credits** 3

**Course ID**

004084

**Grading Basis**

Graded

**Course Component**

Lecture



**DRAM 3331 : Playwriting**

The study of dramatic structure, dialogue, action and characterization. Students write short scenes and a short play. Prerequisite: permission of faculty member.

**Credits** 3

**Course ID**

001154

**Grading Basis**

Graded

**Course Component**

Lecture

**DRAM 3333 : Scene Design**

The principles of scene design for the stage. Emphasis is on the execution of designs through drafting and model building. Prerequisite: [DRAM 1336](#).

**Credits** 3

**Course ID**

001155

**Grading Basis**

Graded

**Course Component**

Applied Studies

**Requisites**

[DRAM 3333](#) Prerequisite: [DRAM 1336](#)

**DRAM 3337 : Children's Theatre**

Theory and practice in the art of performing for young audiences. Students will participate in a major production for children. Corequisite: [DRAM 3137](#). Prerequisite: [DRAM 1331](#) or permission of program chair.

**Credits** 3

**Course ID**

001156

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[DRAM 3337](#) Prerequisite: [DRAM 1331](#) Corequisite: [DRAM 3137](#)

**DRAM 3338 : Creative Drama**

An examination of methods used to teach theatre arts in the elementary classroom. Emphasis is on sensory awareness, pantomime and story dramatization. The students will participate in and lead creative drama sessions with children.

**Credits** 3

**Course ID**

001157

**Grading Basis**

Graded

**Course Component**

Lecture

**DRAM 3340 : Theatre History I**

Theatre History I provides an understanding of how key shifts in human communication shaped developments in the history of theatre and performance. Focusing on artifacts from antiquity through to the restoration, this course explores the methodologies employed by contemporary theatre historians in an effort to create a truly global perspective on drama, theatre and performance.

**Credits** 3

**Course ID**

004088

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall semester, odd years

**DRAM 3341 : Theatre History II**

Theatre History II provides an understanding of how key shifts in human communication shaped developments in the history of theatre and performance. Focusing on artifacts from the restoration through to the post-modern era, this course explores the methodologies employed by contemporary theatre historians in an effort to create a truly global perspective on drama, theatre and performance.

**Credits** 3

**Course ID**

004089

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall semester, even years

**DRAM 4111 : Rehearsal and Production**

Participation backstage and on stage in Drama Program productions.

**Credits** 1

**Course ID**

001144

**Grading Basis**

Graded

**Course Component**

Applied Studies

**Requisites**

[DRAM 4111](#) Prerequisite: Junior Standing

**DRAM 4112 : Rehearsal and Production**

Participation backstage and on stage in Drama Program productions.

**Credits** 1

**Course ID**

001145

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[DRAM 4112](#) Prerequisite: Junior Standing

**DRAM 4191 : Internship in Drama**

Practicum or on-the-job experience under the guidance of practicing specialists in the field. To be supervised individually by a program faculty member with the permission of the program chair.

**Credits** 1

**Course ID**

006615

**Grading Basis**

Graded

**Course Component**

Internship

**DRAM 4192 : Directed Reading/Independent Study in Drama**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty.

**Credits** 1

**Course ID**

001159

**Grading Basis**

Graded

**Course Component**

Independent Study

**DRAM 4193 : Special Topics in Drama**

Upper-division treatment of selected topics of mutual interest to the faculty member and students, such as costume history and design, advanced stage makeup and stage movement.

**Credits** 1

**Course ID**

001163

**Grading Basis**

Graded

**Course Component**

Special Topics

**DRAM 4291 : Internship in Drama**

Practicum or on-the-job experience under the guidance of practicing specialists in the field. To be supervised individually by a program faculty member with the permission of the program chair.

**Credits** 2

**Course ID**

006616

**Grading Basis**

Graded

**Course Component**

Internship

**DRAM 4292 : Directed Reading/Independent Study in Drama**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty.

**Credits** 2

**Course ID**

001160

**Grading Basis**

Graded

**Course Component**

Independent Study

**DRAM 4293 : Special Topics in Drama**

Upper-division treatment of selected topics of mutual interest to the faculty member and students, such as costume history and design, advanced stage makeup and stage movement.

**Credits** 2

**Course ID**

001164

**Grading Basis**

Graded

**Course Component**

Special Topics

**DRAM 4331 : Directing**

The fundamentals of play directing. Emphasis is on play analysis, production techniques and the relationship between director, script and actor. The students will direct a one-act play. Prerequisite: permission of program chair.

**Credits** 3

**Course ID**

001167

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Spring semester, odd years

**DRAM 4333 : Improvisation for the Actor**

Theory and practice in improvisational acting as an approach to characterization and ensemble playing.

Prerequisite: [DRAM 1331](#) or permission of program chair.

**Credits** 3

**Course ID**

001168

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[DRAM 4333](#) Prerequisite: [DRAM 1331](#)

**DRAM 4334 : Styles of Acting**

Theory and practice in the styles of acting. Styles can included Greek, Shakespeare, Restoration, Farce, Absurd, Epic and Artaud. Prerequisite: [DRAM 1331](#) or permission of program chair.

**Credits** 3

**Course ID**

001169

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[DRAM 4334](#) Prerequisite: [DRAM 1331](#)

**Semester Offered**

Spring semester, even years

**DRAM 4336 : Drama Program Management**

This course will familiarize the student with best practices for running a K-12 Theatre Arts program. Students will be actively involved in creating both curricular and extracurricular theatre program elements. Prerequisite: Junior standing in dram or related program; Instructor approval needed.

**Credits** 3

**Course ID**

008389

**Grading Basis**

Graded

**Course Component**

Lecture

**DRAM 4391 : Internship in Drama**

Practicum or on-the-job experience under the guidance of practicing specialists in the field. To be supervised individually by a program faculty member with the permission of the program chair.

**Credits** 3

**Course ID**

006617

**Grading Basis**

Pass/Fail Option

**Course Component**

Internship

**DRAM 4392 : Directed Reading/Independent Study in Drama**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty.

**Credits** 3

**Course ID**

001161

**Grading Basis**

Graded

**Course Component**

Independent Study

**DRAM 4393 : Special Topics in Drama**

Upper-division treatment of selected topics of mutual interest to the faculty member and students, such as costume history and design, advanced stage makeup and stage movement.

**Credits** 3

**Course ID**

001165

**Grading Basis**

Graded

**Course Component**

Special Topics

**DRAM 4492 : Directed Reading/Independent Study in Drama**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty.

**Credits** 4

**Course ID**

001162

**Grading Basis**

Graded

**Course Component**

Independent Study

**DRAM 4493 : Special Topics in Drama**

Upper-division treatment of selected topics of mutual interest to the faculty member and students, such as costume history and design, advanced stage makeup and stage movement.

**Credits** 4

**Course ID**

001166

**Grading Basis**

Graded

**Course Component**

Special Topics

# Health Professions

## **HLTHP 3301 : Professional Development & Skills I**

This course is designed for students to analyze and improve upon their pre-professional competencies. These will be done in small groups by analyzing students professional CV. Keeping these soft skills in mind, students will also prepare their personal statements for medical school.

**Credits** 3

**Course ID**

009602

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

HLTHP Course Prerequisites: Students in the Premedical Certification (PREMED-C) only.

**Semester Offered**

Fall semester

## **HLTHP 3302 : Professional Development & Skills II**

This course will continue from HPAC 3301 in developing the pre-professional competencies needed to be a successful, well-rounded applicant to medical school. Students will prepare for their application and develop a plan to apply early to the various application services. Students will also work on acquiring the skills to tackle the secondary applications as well as work in teams to actively practice MMI-style interview questions and work independently on how to answer typical medical school interview questions utilizing their pre-professional competencies. Finally, through a series of guest lectures from professionals at TMC, students will dive into medical ethics which will help them prepare for their applications and interviews.

**Credits** 3

**Course ID**

009603

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

HLTHP Course Prerequisites: Students in the Premedical Certification (PREMED-C) only.

**Semester Offered**

Fall semester

# History

Department Chair: Dr. Thomas C. Behr, [behr@stthom.edu](mailto:behr@stthom.edu)

As part of the liberal arts mission of the university, the history major guides us to understand the bearing of the past on the present and to appreciate the historical character of human inquiry in exploring the principal philosophical, religious, political, literary, and aesthetic traditions of Western and world culture.

**HIST 1301 : United States History I**

A survey of the social, political, economic, cultural, and intellectual history of the United States from the pre-Columbian era to the Civil War/Reconstruction period. United States History I includes the study of pre-Columbian, colonial, revolutionary, early national, slavery and sectionalism, and the Civil War/Reconstruction eras. Themes that may be addressed in United States History I include: American settlement and diversity, American culture, religion, civil and human rights, technological change, economic change, immigration and migration, and creation of the federal government.

**Credits** 3**Course ID**

009353

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**HIST 1302 : United States History II**

A survey of the social, political, economic, cultural, and intellectual history of the United States from the Civil War/Reconstruction era to the present. United States History II examines industrialization, immigration, world wars, the Great Depression, Cold War and post-Cold War eras. Themes that may be addressed in United States History II include: American culture, religion, civil and human rights, technological change, economic change, immigration and migration, urbanization and suburbanization, the expansion of the federal government, and the study of U.S. foreign policy.

**Credits** 3**Course ID**

009354

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**HIST 1335 : World Community I**

Ancient, medieval and early modern. Fall, Spring.

**Credits** 3**Course ID**

001318

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters



**HIST 1336 : World Community II**

The far-reaching social, political, industrial and technological revolutions that have shaped the modern world.

**Credits** 3

**Course ID**

001319

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**HIST 2333 : United States to 1877**

The 13 colonies, the Revolution, the creation of a new nation, the Civil War and Reconstruction.

**Credits** 3

**Course ID**

001320

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**HIST 2334 : United States since 1877**

Social, political and economic changes from the Gilded Age to the era of Vietnam, Watergate and beyond.

**Credits** 3

**Course ID**

001321

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**HIST 3301 : Greek and Roman History**

Greek and Roman History will survey the 1000 year history from the founding of the Roman Republic, in the context of ancient kingdoms of the Mediterranean world, to the long collapse of the Roman Empire under the weight of a slew of historical problems, not least of which the invasions of barbarian hordes that led to the creation of Europe.

**Credits** 3

**Course ID**

009159

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall semester, even years

**HIST 3302 : History of Common Law**

([POSC 3302](#)) An introduction to the development of the principal English legal institutions and doctrines.

**Credits** 3

**Course ID**

001322

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**HIST 3303 : Medieval Europe**

This course will cover the main events, invasions, battles, church developments, dynasties, economy, ideas, and all the great personalities that contributed to the birth of Europe, from the Sack of Rome to Charlemagne and from the Year 1000 to the Black Death and Hundred Years War.

**Credits** 3

**Course ID**

001323

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**Semester Offered**

Spring semester, odd years

**HIST 3304 : Renaissance and Reformation**

The European Renaissance, the Protestant and Catholic Reformations and the Age of the Baroque. The dividing of Europe in religion and politics (1300–1715).

**Credits** 3

**Course ID**

001324

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**Semester Offered**

Fall semester, odd years

**HIST 3305 : Renaissance Women**

This course will examine the social history of early modern times in Europe, from the Renaissance, Italian and Northern, to the era of Protestant Reformation, with a focus on the every day life and conditions of women with attention to faith, family, class, and education.

**Credits** 3

**Course ID**

009265

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**Semester Offered**

Fall semester, even years

**HIST 3306 : Medicine and Society**

Medicine and Society uses an historical approach to study the dynamic interplay between disease and society in America. It examines the changing patterns of disease, the roots of morbidity and mortality, the evolution of medical theory and practice, the development of hospitals and the medical profession, the rise of the bio-technology, and post-humanism.

**Credits** 3

**Course ID**

009156

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Offered as needed

**HIST 3307 : Giants of Science**

The course will survey the interdependent nature of scientific, technological and social change over time, with a focus on direct reading of primary texts in the history of science, from the Pre-Socratics to modern theoretical physicists.

**Credits** 3

**Course ID**

009157

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Prerequisite: Minimum Sophomore-Level Standing.

**Semester Offered**

Fall semester, even years

**HIST 3308 : Music Since 1945**

Music Since 1945 is a study of music across the genres of Western Art Music, Jazz, and Rock, with a focus on their mutual influences both internal to their compositional traditions and cultural contexts. A key focus of this course is the role of recording and listening technologies, and the music industry in the development of music during this period.

**Credits** 3

**Course ID**

009158

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Spring semester, even years

**HIST 3309 : History & Cultures of the Middle East**

This course will survey the regional history and culture of the Middle East since earliest times to today.

**Credits** 3

**Course ID**

009266

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**Semester Offered**

Offered as needed

**HIST 3310 : East Asian History and Culture**

This course will survey the history and cultures of east Asia, including the modern regions of China, Japan, South East Asia, and Korea and the role this region has played in world history, ancient and modern.

**Credits** 3

**Course ID**

009160

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall semester, even years

**HIST 3311 : Indo-Pacific History & Culture**

Students in this course will study the rise and influence on world events of the vast but inter-connected Indo-Pacific region, geo-politically, economically and militarily, examining the international connections and tensions between Australia, Malaysia, Indonesia, South East Asia, India, New Zealand, and China.

**Credits** 3

**Course ID**

009267

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**Semester Offered**

Fall semester, odd years

**HIST 3312 : South Asian History & Culture**

This course will survey the history and cultures of south Asia, including the modern regions of India, Pakistan, Afghanistan, and the role of this region in world history, including ancient, modern and diaspora history.

**Credits** 3

**Course ID**

009155

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall semester, odd years

**HIST 3313 : Opera and Ideas**

Opera and Ideas explores the interrelation between Western European opera and ideas mainly through the study of major operas and music dramas from the 17th century to the 20th century. No prior musical training is necessary to succeed in this seminar. The seminar requires listening assignments, and attendance at a live opera performance.

**Credits** 3

**Course ID**

009163

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Spring semester, even years

**HIST 3314 : History of Strategic Management**

Strategic management is the process of setting goals, procedures, and objectives in order to make a company or organization more competitive and innovative. Strategic management has a history that dates back to antiquity. Students in this course gain knowledge about strategic management and leadership by studying historical examples of successful and unsuccessful organizational strategies. This course examines the evolution of strategic management in the 19th, 20th and 21st centuries, but also probes the less discussed sources of strategy in the Ancient world (Greece, Rome)

**Credits** 3

**Course ID**

009164

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall semester, odd years

**HIST 3315 : The Crusades**

This course will study the causes and the consequences of the conflicts arising from the expansion of militant Islam and the feudal states of Europe over control of the Holy Land, from the time of Mohammed to the Battle of Lepanto.

**Credits** 3

**Course ID**

009429

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall semester, odd years

**HIST 3316 : History & Cultures of Africa**

This course will survey the long history of continental Africa from pre-history to modern national histories and global contexts, including geographical, social, religious, economic, and political factors.

**Credits** 3

**Course ID**

009264

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**Semester Offered**

Spring semester, odd years

**HIST 3318 : Medieval Women**

The course will provide a study of medieval history, in terms of politics, society, economy, and culture, from the perspective of women's experience. We will study queens, writers, artists, nuns, merchants, artisans, and peasants in terms of how they were shaped by the times and in turn contributed to shaping their times.

**Credits** 3

**Course ID**

009165

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Spring semester, even years

**HIST 3320 : Modern Catholic Social Thought**

The course will survey the range of responses among Catholic laity and Church hierarchy to the crises arising from modernization in general and from the French revolution, in particular: questions of church and state, religious freedom, educational freedom, the "social question" and the rise of revolutionary atheistic socialism. Students gain an understanding of how the pillars of Catholic Social teaching (human person, common good, solidarity, and subsidiarity) developed.

**Credits** 3

**Course ID**

009161

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**Semester Offered**

Offered as needed

**HIST 3321 : Liberal Learning Through the Ages**

Liberal learning, study of the liberal arts, has been the hallmark of free, self-governing persons since Greek and Roman antiquity. This course will survey the meaning and relevance of liberal education as part of a flourishing human life, from the origin of the concepts to our own hyper-specialized scientific and technology-driven world of today

**Credits** 3

**Course ID**

009162

**Grading Basis**

Graded

**Course Component**

Seminar

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**Semester Offered**

Spring semester

**HIST 3331 : Age of Revolutions: Europe 1715-1870**

Enlightenment, French Revolution and Napoleon, political and cultural revolutions of Liberalism, Romanticism, Socialism and Nationalism.

**Credits** 3

**Course ID**

001325

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**Semester Offered**

Fall semester, even years

**HIST 3332 : Clash of Dictators**

The two world wars, the rise of Communism and National Socialism, the search for peace.

**Credits** 3

**Course ID**

001326

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**Semester Offered**

Fall semester, even years



**HIST 3333 : England under the Tudors and Stuarts, 1485-1714**

From Henry VII to Queen Anne: the Elizabethans, Civil War, Commonwealth and Restoration.

**Credits** 3

**Course ID**

001327

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**Semester Offered**

Spring semester, even years

**HIST 3336 : Texas History**

From the early explorers to the present day: the six flags over Texas, the struggle for independence, the Lone Star Republic, statehood and the creation of the "Texas Mystique."

**Credits** 3

**Course ID**

001330

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**Semester Offered**

Spring semester, odd years

**HIST 3340 : Colonial Latin America**

A study of ideas and attitudes, institutions and events in Latin America from the preconquest era to the wars for independence.

**Credits** 3

**Course ID**

001331

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**Semester Offered**

Offered as needed

**HIST 3343 : Latin American Revolutions**

A topical examination of the history of one or more Latin American nations since independence, with a concentration on the persons, events and institutions that help to explain current developments in Latin America.

**Credits** 3

**Course ID**

001332

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**Semester Offered**

Offered as needed

**HIST 3348 : History of Ideas in America**

Intellectual trends and popular culture from the Gilded Age through two world wars and the turbulent 1960s.

**Credits** 3

**Course ID**

002757

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**HIST 3350 : Revolutionary America**

A study of colonial origins and revolutionary results such as how Great Britain lost an empire and how Americans created the first democratic republic. This course will focus on society, politics and culture from 1607-1789. Spring,

**Credits** 3

**Course ID**

001333

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**Semester Offered**

Offered as needed

**HIST 3351 : 19th Century US, 1790-1890**

A study of the Early National period; Jefferson and Jacksonian eras; slavery, causes, conduct, and consequences of the Civil War; and the Gilded Age.

**Credits** 3

**Course ID**

009079

**Grading Basis**

Graded

**Course Component**

Discussion

**Semester Offered**

Fall semester, odd years

**HIST 3352 : Modern US, 1890-Present**

A study of the political, social, economic, military, and cultural issues in the Progressive Era, Roaring '20s, New Deal, World Wars, Cold War and its legacies, as well as key events in the 21st century.

**Credits** 3

**Course ID**

009080

**Grading Basis**

Graded

**Course Component**

Discussion

**Semester Offered**

Spring semester, even years

**HIST 3353 : The American Civil War**

A study of the contributing factors that help explain the coming of the Civil War, and the resulting failure of attempts to reconstruct the South along desired lines.

**Credits** 3

**Course ID**

001335

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**Semester Offered**

Fall semester, odd years

**HIST 3354 : United States from the Gilded Age to the Progressive Era, 1877-1920**

A course that explains how the U.S. dealt with the massive transformation of society that challenged its basic values and assumptions, led to the U.S. as a world power and culminated in the reform era of the progressives.

**Credits** 3

**Course ID**

001336

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**Semester Offered**

Offered as needed

**HIST 3355 : Intercultural Issues**

([INST 3355](#)) A survey of world cultures, the factors distinguishing them from one another, and the impact that cultural differences have on international relations. Special emphasis is placed on current cultural issues of major concern to the international community. Prerequisite: Junior Standing. Fall.

**Credits** 3

**Course ID**

001337

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**HIST 3363 : Church History I**

Church history and Christian thought from apostolic times to the end of the 13th century.

**Credits** 3

**Course ID**

008495

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**HIST 3364 : Church History II**

Church history and Christian thought from the end of the 13th century to the present.

**Credits** 3

**Course ID**

008496

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**HIST 3365 : History of Ireland Since 1600**

Irish History from the end of the reign of Elizabeth I to the recent Time of Troubles. Special emphasis on the influence of English History, the revolutions of the 18th century, the development of Irish nationalism, the emergence of an Irish nation under the leadership of de Valera and the unsettling issues in the time of troubles.

**Credits** 3

**Course ID**

006000

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**Semester Offered**

Spring semester, odd years

**HIST 3367 : New Deal & World War II**

To develop a deeper and more complex understanding of the interactions of economics, political, social, cultural, and military issues during the New Deal and World War II eras in American history.

**Credits** 3

**Course ID**

007453

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**Semester Offered**

Spring semester, even years

**HIST 3368 : Scientific Revolutions**

Development of modern theories concerning the physical universe and workings of the human body and evolution associated with notable thinkers such as Copernicus, Galileo, Newton, Darwin, Einstein, and others.

**Credits** 3

**Course ID**

008818

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**HIST 3370 : The Enlightenment and its Critics**

After critical reading of selections from the main thinkers of the Enlightenment, from Descartes to Kant, founders of the ideological currents that lead through modernism to post-modernism, we will consider some important thinkers who have gone against the current of Enlightenment axiomatic beliefs about human nature and human fulfillment, so to speak, with alternative paradigms on the great issues confronting modernity.

**Credits** 3

**Course ID**

009167

**Grading Basis**

Graded

**Course Component**

Seminar

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**Semester Offered**

Spring semester, even years

**HIST 3388 : America in the World**

This course is a survey of American diplomacy and foreign relations, major conflicts, treaties and alliances, from the colonial era to the present

**Credits** 3

**Course ID**

009268

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**Semester Offered**

Summer semester, even years

**HIST 3390 : Capitalism and Communism**

In this course we will critically read selections both the classical liberal, free market tradition, such as Smith and Bastiat to Friedman and Hayek, and from the communist tradition, from Marx to the Frankfurt School.

**Credits** 3

**Course ID**

009168

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**Semester Offered**

Spring semester, even years

**HIST 4094 : Capstone Thesis Preparation Course II**

This non-credit course is a continuation of the year long capstone thesis experience in history and is taken in the spring semester of the student's senior year. The students will complete their Capstone Thesis under the direction of a mentor and second reader. The successful completion of a Capstone Thesis and the presentation of the research at UST research day are requirements for graduation.

**Credits** 0

**Course ID**

007088

**Grading Basis**

Graded

**Course Component**

Seminar

**Requisites**

[HIST 4094](#) Prerequisite: Senior Standing

**Semester Offered**

Spring semester

**HIST 4191 : Internship in History**

Practical experience in historical research and archival work under the direction of professionals. Maximum: 3 credit hours. Open only to majors who qualify for the program.

**Credits** 1

**Course ID**

001350

**Grading Basis**

Graded

**Course Component**

Internship

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**Semester Offered**

Offered as needed

**HIST 4192 : Directed Reading/Independent Study in History**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty.

**Credits** 1

**Course ID**

001353

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**Semester Offered**

Offered as needed

**HIST 4193 : Special Topics in History**

Upper-division treatment of selected topics of mutual interest to faculty and students.

**Credits** 1

**Course ID**

001357

**Grading Basis**

Graded

**Course Component**

Special Topics

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**Semester Offered**

Offered as needed

**HIST 4291 : Internship in History**

Practical experience in historical research and archival work under the direction of professionals. Maximum: 3 credit hours. Open only to majors who qualify for the program.

**Credits** 2

**Course ID**

001351

**Grading Basis**

Graded

**Course Component**

Internship

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**Semester Offered**

Offered as needed



**HIST 4292 : Directed Reading/Independent Study in History**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty.

**Credits** 2

**Course ID**

001354

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**Semester Offered**

Offered as needed

**HIST 4293 : Special Topics in History**

Upper-division treatment of selected topics of mutual interest to faculty and students.

**Credits** 2

**Course ID**

001358

**Grading Basis**

Graded

**Course Component**

Special Topics

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**Semester Offered**

Offered as needed

**HIST 4319 : Medieval & Imperial Russia**

A study of the major forces and figures that shaped Russian history through the Kievan, Mongol/Appanage, Moscovite and Imperial Russian periods to the mid- 19th century.

**Credits** 3

**Course ID**

006133

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**Semester Offered**

Fall semester, odd years

**HIST 4320 : Russia Since Alexander II**

Intellectual and political thought and Russian historical development from Alexander II through the collapse of the Soviet Union.

**Credits** 3

**Course ID**

006168

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**Semester Offered**

Spring semester, even years

**HIST 4328 : History of the Family**

Love, marriage, children, old age and death from the colonial period to the present.

**Credits** 3

**Course ID**

001343

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**Semester Offered**

Offered as needed

**HIST 4330 : The Historian's Craft**

Students will distinguish conflicting scholarly interpretations of major events in American, European, and World history as well as examine the nature of historical development and causation, the reasons for writing and studying history, the nature of historical evidence, "objectivity" in history, and the emergence of new subfields.

**Credits** 3

**Course ID**

002777

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**Semester Offered**

Spring semester

**HIST 4345 : Greek & Roman Historians**

In this course students read from the founders of “history” – Herodotus, Thucydides, Xenophon, Polybius, Livy, Tacitus, and Plutarch, for instance – as they explore the human condition and lessons from the past.

**Credits** 3

**Course ID**

009166

**Grading Basis**

Graded

**Course Component**

Seminar

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**Semester Offered**

Spring semester, even years

**HIST 4353 : Environmental Thought in America**

A history of the attitudes the U.S. as a nation has had toward the environment and the historic forces that helped shape these attitudes.

**Credits** 3

**Course ID**

001348

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**Semester Offered**

Offered as needed

**HIST 4354 : Environmental History**

History of the ideas and practices of human persons and societies across time and place towards the ecological environment.

**Credits** 3

**Course ID**

009469

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Prerequisite: Minimum Sophomore-Level Standing.

**HIST 4391 : Internship in History**

Practical experience in historical research and archival work under the direction of professionals. Maximum: 3 credit hours. Open only to majors who qualify for the program.

**Credits** 3

**Course ID**

001352

**Grading Basis**

Graded

**Course Component**

Internship

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**Semester Offered**

Offered as needed

**HIST 4392 : Directed Reading/Independent Study in History**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty.

**Credits** 3

**Course ID**

001355

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**Semester Offered**

Offered as needed

**HIST 4393 : Special Topics in History**

Upper-division treatment of selected topics of mutual interest to faculty and students.

**Credits** 3

**Course ID**

001359

**Grading Basis**

Graded

**Course Component**

Special Topics

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**Semester Offered**

Offered as needed

**HIST 4394 : Capstone Thesis Preparation Course I**

This course is the first part of the year long capstone thesis experience in history and is taken in the fall semester of the student's senior year. This course provides preparation for the students to research, write and present a capstone thesis in history. The students will be guided in the initial steps of the topic selection and research. A substantial rough draft of the thesis will be completed by the end of the semester.

**Credits** 3

**Course ID**

007087

**Grading Basis**

Graded

**Course Component**

Seminar

**Requisites**

[HIST 4394](#) Prerequisite: Senior Standing

**Semester Offered**

Fall semester

**HIST 4492 : Directed Reading/Independent Study in History**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty.

**Credits** 4

**Course ID**

001356

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

**HIST 4493 : Special Topics in History**

Upper-division treatment of selected topics of mutual interest to faculty and students.

**Credits** 4

**Course ID**

001360

**Grading Basis**

Graded

**Course Component**

Special Topics

**Requisites**

HIST Upper-Div Requisites: Second-semester sophomore standing (45+ credit hours).

# Honors Program

## **HNRS 1391 : The Tribe and the City**

The ideals of Parent, Prophet, King, Lawgiver, Hero/ine, Poet, Philosopher and Statesman are examined in this course. The reading list includes: Genesis; Exodus; Esther; The Iliad; Herodotus, The Histories; Plato, The Republic; Thucydides, The Peloponnesian War; plays by Euripides, Sophocles, Aristophanes; Aristotle, Poetics. Prerequisite: Admission to the Honors Program.

**Credits** 3

### **Course ID**

001002

### **Grading Basis**

Graded

### **Course Component**

Lecture

### **Requisites**

[HNRS 1391](#) Prerequisite: Admission to the Honors Program

## **HNRS 1392 : From Empire to Christendom**

The ideals of Founder, Patrician, Soldier, Martyr, Bishop, Monk, Knight, Lady, Friar and Scholar are examined in this course. The reading list includes: Virgil, Aeneid; Cicero, On Duties; Plutarch, Lives; Juvenal, 16 Satires; Luke; Acts; Ignatius, Letter to the Romans; Acta of Felicity, Perpetua, and others; Athanasius, Life of Anthony; Augustine, Confessions; Ambrose, Letters; The Rule of St. Benedict; The Song of Roland; von Strassburg, Tristan and Isolt; The Holy Grail; The Letters of Heloise and Abelard; Aquinas, On Kingship; from Lives of St. Francis. Prerequisite: [HNRS 1391](#).

**Credits** 3

### **Course ID**

001003

### **Grading Basis**

Graded

### **Course Component**

Lecture

### **Requisites**

[HNRS 1392](#) Prerequisite: [HNRS 1391](#)

## **HNRS 2391 : Church and Nation**

The ideals of Monarch, Scientist, Reformer, Missionary, Explorer, Artist and Mystic are examined in this course. The reading list includes: Chaucer, Canterbury Tales; Dante, Divine Comedy; Catherine of Siena, Dialogue; Joinville, Life of St. Louis; Pisan, City of Ladies; Machiavelli, The Prince; More, Utopia; Galileo, Dialogues; Copernicus, On Revolutions; Loyola, Spiritual Exercises; Luther, The Freedom of a Christian; Shakespeare, The Tempest; Da Vinci, from Notebooks; Cortes, Letters from Mexico; Columbus, Four Voyages to the New World; de las Casas, In Defense of the Indians; Milton, Paradise Lost. Prerequisite: [HNRS 1392](#).

**Credits** 3

### **Course ID**

001004

### **Grading Basis**

Graded

### **Course Component**

Lecture

### **Requisites**

[HNRS 2391](#) Prerequisite: [HNRS 1392](#)

**HNRS 2392 : Revolution and the New Empires**

The ideals of Revolutionary, Philosopher, Diplomat, Bluestocking, Pioneer/Entrepreneur, Gentleman, Social Scientist, Existential Hero and Worker are examined in this course. The reading list includes: Newton, from Principia; Descartes, Meditations; Rousseau, Confessions; Franklin, Autobiography; Tocqueville, Democracy in America; Smith, Wealth of Nations; Marx, Communist Manifesto; Darwin, The Origin of the Species; Newman, Idea of a University; Freud, Civilization and Its Discontents; Nietzsche, Twilight of the Idols; Elizabeth Gaskell, North and South; Mary Shelley, Frankenstein; Narrative of the Life of Frederick Douglass; Leo XIII, Rerum Novarum. Prerequisite: [HNRS 2391](#).

**Credits** 3

**Course ID**

001005

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[HNRS 2392](#) Prerequisite: [HNRS 2391](#)

**HNRS 3091 : Community Service Project (Continued)**

**Credits** 3

**Course ID**

006801

**Grading Basis**

Graded w/Satisfactory

**Course Component**

Thesis Research

**HNRS 3391 : Foundations of Service**

This course makes the vital connection between the "life of the mind" and the "business of life." Grounded in the concept of "Christian work" or "reflective practical action," this course presents an analysis and reflection on the different dimensions of service in our current world.

**Credits** 3

**Course ID**

001006

**Grading Basis**

Graded w/Satisfactory

**Course Component**

Seminar

**Requisites**

[HNRS 3391](#) Prerequisites: [HNRS 1391](#), 1392, 2391, 2392

**HNRS 4094 : Independent Research Project (Continued)**

**Credits** 0

**Course ID**

006800

**Grading Basis**

Satisfactory/Unsatisfactory

**Course Component**

Thesis Research

**HNRS 4394 : Independent Research Project**

Project With faculty direction, each student designs and pursues a research project in keeping with the goals and methods of the major discipline. The student is expected to prepare a research proposal and budget for approval by the Honors Committee in the semester previous to that in which the research is done. The results of the research are presented by the student in a university forum or scholarly conference. Prerequisites:

[HNRS 1391](#), 1392, 2391, 2392.

**Credits** 3

**Course ID**

001007

**Grading Basis**

Graded w/Satisfactory

**Course Component**

Independent Study

**Requisites**

[HNRS 4394](#) Prerequisites: [HNRS 1391](#), 1392, 2391, 2392

**HNRS 4395 : Contemporary Problems Seminar**

An interdisciplinary seminar which treats a significant topic of interest to the students. The students who will be taking the class are expected to prepare a course proposal or alternative proposals for approval by the Honors Council. Faculty director is selected and a syllabus developed on the basis of the approved proposal.

Prerequisites: [HNRS 1391](#), 1392, 2391, 2392, 3391, 4394.

**Credits** 3

**Course ID**

001008

**Grading Basis**

Graded

**Course Component**

Seminar

**Requisites**

[HNRS 4395](#) Prerequisites: [HNRS 1391](#), 1392, 2391, 2392, 3391, 4394

## Geography

**GEOG 2332 : World Regional Geography**

A description and analysis of the different culture areas of the world. Human use of the physical environment in shaping cultural heritage.

**Credits** 3

**Course ID**

001273

**Grading Basis**

Graded

**Course Component**

Lecture



**GEOG 3333 : Urban Geography**

The historical development of the urban environment on a global basis. Special attention focuses on the internal spatial structure of cities, their functions and problems.

**Credits** 3

**Course ID**

001274

**Grading Basis**

Graded

**Course Component**

Lecture

**GEOG 4192 : Directed Reading/Independent Study in Geography**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Consent required: Instructor

**Credits** 1

**Course ID**

001275

**Grading Basis**

Graded

**Course Component**

Independent Study

**GEOG 4193 : Special Topics in Geography**

Upper-division treatment of selected topics of mutual interest to the faculty member and students. Consent required: Instructor

**Credits** 1

**Course ID**

001279

**Grading Basis**

Graded

**Course Component**

Special Topics

**GEOG 4292 : Directed Reading/Independent Study in Geography**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Consent required: Instructor

**Credits** 2

**Course ID**

001276

**Grading Basis**

Graded

**Course Component**

Independent Study

**GEOG 4293 : Special Topics in Geography**

Upper-division treatment of selected topics of mutual interest to the faculty member and students. Consent required: Instructor

**Credits** 2

**Course ID**

001280

**Grading Basis**

Graded

**Course Component**

Special Topics

**GEOG 4330 : Geography of Natural Resources**

A spatial analysis of the earth's natural resources, including mineral and energy resources as well as forests, fisheries and agricultural lands. Special attention focuses on political, economic and environmental aspects of the exploitation and use of resources.

**Credits** 3

**Course ID**

002719

**Grading Basis**

Graded

**Course Component**

Lecture

**GEOG 4392 : Directed Reading/Independent Study in Geography**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Consent required: Instructor

**Credits** 3

**Course ID**

001277

**Grading Basis**

Graded

**Course Component**

Independent Study

**GEOG 4393 : Special Topics in Geography**

Upper-division treatment of selected topics of mutual interest to the faculty member and students. Consent required: Instructor

**Credits** 3

**Course ID**

001281

**Grading Basis**

Graded

**Course Component**

Special Topics

**GEOG 4492 : Directed Reading/Independent Study in Geography**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Consent required: Instructor

**Credits** 4

**Course ID**

001278

**Grading Basis**

Graded

**Course Component**

Independent Study

**GEOG 4493 : Special Topics in Geography**

Upper-division treatment of selected topics of mutual interest to the faculty member and students. Consent required: Instructor

**Credits** 4

**Course ID**

001282

**Grading Basis**

Graded

**Course Component**

Special Topics

## Global Cybersecurity

**GCSE 1351 : Introduction to Enterprise Cybersecurity**

This course will take an enterprise level holistic perspective of cybersecurity. The purpose is to explore the emerging threat landscape and the means through which organizations both private and public develop and employ various cybersecurity policies, procedures, and tactics in response. It will evaluate the various cybersecurity tools, structures, and protocols that serve as best practices within industry, by governments, and international organizations.

**Credits** 3

**Course ID**

009049

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**GCSE 3101 : Computer Systems and Network Security Architecture**

Lab session for [GCSE 3301](#)-Computer Systems and Network Security Architecture

**Credits** 1

**Course ID**

009051

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[GCSE 3101](#) Requisites: COMSC 1351, GCSE 1451; Corequisite: [GCSE 3301](#)

**Semester Offered**

Fall semester

**GCSE 3102 : Network Operations and Data Security Lab**

Lab session for [GCSE 3302](#)-Network Operations and Data Security.

**Credits** 1

**Course ID**

009053

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[GCSE 3102](#) Prerequisites COMSC 1351, GCSE 1451; Corequisite: [GCSE 3302](#)

**Semester Offered**

Spring semester

**GCSE 3301 : Computer Systems and Network Security Architecture**

Introduction to digital logic, machine representation of data, assembly programming, processor design, memory organization, interface communication, the design and analysis of computer communication networks architecture.

**Credits** 3

**Course ID**

009050

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[GCSE 3301](#) Prerequisites: COMSC 1351, GCSE 1451; Corequisite: [GCSE 3101](#)

**Semester Offered**

Fall semester

**GCSE 3302 : Network Operations and Data Security**

Introduction to technical aspects of network operations and issues surrounding the management of data security.

**Credits** 3

**Course ID**

009052

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[GCSE 3302](#) Prerequisites COMSC 1351, GCSE 1451; Corequisite: [GCSE 3102](#)

**Semester Offered**

Spring semester

**GCSE 4091V : Internship in Global Cybersecurity**

Work experience in business, government, media or private, not-for-profit agencies in the cybersecurity. To be arranged with the director.

**Credits** 1

-5

**Course ID**

009059

**Grading Basis**

Pass/Fail Option

**Course Component**

Internship

**Semester Offered**

Spring semester

**GCSE 4092V : Directed Reading/Independent Study in Global Cybersecurity**

Student research on a selected problem in the field under the guidance of an global cybersecurity faculty member.

**Credits** 1

-5

**Course ID**

009060

**Grading Basis**

Graded

**Course Component**

Independent Study

**Semester Offered**

Offered as needed

**GCSE 4093V : Special Topics in Global Cybersecurity**

Upper-division treatment of selected topics in global cybersecurity.

**Credits** 1

-5

**Course ID**

009061

**Grading Basis**

Graded

**Course Component**

Special Topics

**Semester Offered**

Offered as needed

**GCSE 4301 : Governing the Digital Ecosystem – Technology and Geopolitics**

Governing the digital ecosystem examines how governments use cyberspace and the tools provided to shape the political landscape through messaging, control of on-line behavior, access to information, and surveillance.

**Credits** 3

**Course ID**

009054

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[GCSE 4301](#) Prerequisites: [GCSE 3301](#)/3101, 3302/3102

**Semester Offered**

Fall semester

**GCSE 4302 : Cyber Ethics and the State**

The course will examine the impact on human society of the rapid evolution of digital surveillance tools, artificial intelligence, internet of things, and the increase of computing power. It asks the question of whether technology should drive the course of human progress or will society engage in a value laden conversation about role of human agency in that process. Further, we will bring the question of ethics into an environment that seems to operate under its own imperative. As we are told that at some point computers and smart machines empowered through artificial intelligence will achieve self-awareness. We will look at the institutions necessary for establishing the foundations of an open dialog to determine the appropriate role for these technologies in society. The course will engage students in a debate as to whether or not we can build a technological future based on an ethical framework and if so, how we are to go about it.

**Credits** 3

**Course ID**

009055

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[GCSE 4302](#) Prerequisites: [GCSE 1351](#), [INST 1351](#)

**Semester Offered**

Spring semester

**GCSE 4302 : Cyber Ethics and the State**

The course will examine the impact on human society of the rapid evolution of digital surveillance tools, artificial intelligence, internet of things, and the increase of computing power. It asks the question of whether technology should drive the course of human progress or will society engage in a value laden conversation about role of human agency in that process. Further, we will bring the question of ethics into an environment that seems to operate under its own imperative. As we are told that at some point computers and smart machines empowered through artificial intelligence will achieve self-awareness. We will look at the institutions necessary for establishing the foundations of an open dialog to determine the appropriate role for these technologies in society. The course will engage students in a debate as to whether or not we can build a technological future based on an ethical framework and if so, how we are to go about it.

**Credits** 3**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**[GCSE 4302](#) Prerequisites: [GCSE 1351](#), [INST 1351](#)**Semester Offered**

Spring semester

**GCSE 4303 : Geopolitical and Country Risk Analysis**

A risk management perspective that looks at the socio-political factors that pose risks to foreign policy investments and/or business operations in foreign countries. Factors considered such as, political stability, corruption, taxation, regulatory and legal structures, regional conflicts, local economy, internal strife, and the potential for natural disaster. This analysis emphasizes not only the risk factors, but the internal decision making matrix of the political system within the target country and the impact of such decisions on the investment climate and business operations.

**Credits** 3**Course ID**

009056

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**[GCSE 4303](#) Prerequisites: [GCSE 1351](#), [INST 1351](#)**Semester Offered**

Fall semester

**GCSE 4379 : Cyber Warfare**

This course looks at the growth and scope of cyber warfare as it impacts national power in the domains of government, diplomacy, international law, international commerce/economic power, social media/privacy, science/technology, and civil society. It traces the evolution of conflict from traditional information gathering to the development of cyber weaponry with destructive capabilities and the use of those capabilities to advance national foreign policy interests.

**Credits** 3

**Course ID**

009057

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Spring semester

**GCSE 4391 : Internship in Global Cybersecurity**

**Credits** 3

**Course ID**

009281

**Grading Basis**

Pass/Fail Option

**Course Component**

Internship

**Semester Offered**

Fall and spring semesters

**GCSE 4392 : Independent Study**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty.

**Credits** 3

**Course ID**

009625

**Grading Basis**

Graded

**Course Component**

Independent Study

**Semester Offered**

Fall and spring semesters

**GCSE 4393 : Special Topics in Global Cybersecurity**

Upper-division treatment of selected topics in Global Cybersecurity.

**Credits** 3

**Course ID**

009177

**Grading Basis**

Graded

**Course Component**

Special Topics



**GCSE 4399 : Capstone Project in Global Cybersecurity**

Capstone course in which students develop, elaborate, and research a topic of global cybersecurity. The result of this intensive research and writing exercise will be a thesis fit for presentation at a professional conference and UST Research Symposium.

**Credits** 3

**Course ID**

009058

**Grading Basis**

Graded

**Course Component**

Thesis Research

**Requisites**

[GCSE 4399](#) Prerequisites: Senior Standing, Permission Code Only. Please see department chair for permission code.

**Semester Offered**

Spring semester

## International Studies

**INST 1351 : Introduction to International Studies**

A survey of factors affecting interaction within the international community. The focus is on the meaning, purposes and methodologies of international studies as a framework for better understanding historical, social, cultural, economic and political issues and trends within the human family.

**Credits** 3

**Course ID**

006585

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**INST 2352 : Research Methods in Int' Stud**

An overview of research and writing techniques used in the field of international studies to develop evidence-based solutions to global issues. This course introduces data collection and analysis techniques that lead to understanding and addressing issues of global concern. Additional emphasis is placed on standard academic writing in the field of international studies. Pre-requisite: [INST 1351](#)

**Credits** 3

**Course ID**

007859

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[INST 2352](#) Prerequisite: [INST 1351](#) or [CRIM 1301](#)

**Semester Offered**

Fall and spring semesters

**INST 3343 : Latin America Since Independence**

A topical examination of the history of one or more Latin American nations since independence, with a concentration on the persons, events and institutions that help to explain current developments in Latin America.

**Credits** 3

**Course ID**

003721

**Grading Basis**

Graded

**Course Component**

Lecture

**INST 3351 : Comparative Political Systems**

An overview of the world's political cultures, systems, behavior, and institutions. The objective is to develop a background with which to assess and explain differences in political culture, governmental structures and political behavior, and to appreciate the effects these factors have on international relations. Prerequisite: [INST 1351](#) or permission of faculty member.

**Credits** 3

**Course ID**

004378

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[INST 3351](#) Prerequisite: [INST 1351](#)

**Semester Offered**

Spring semester

**INST 3352 : International Politics**

Theories of international politics and the decision-making process that generates foreign policy. An examination of the role of power in the modern world, the utility of force in conflict resolution versus the multilateral, collaborative approach. An introduction to the way current international politics is increasingly related to the world economic situation with special attention to the role of multinational corporations, international trade and finance. Prerequisites: [INST 1351](#) or permission of faculty member. ([POSC 3352](#))

**Credits** 3

**Course ID**

001368

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[INST 3352](#) Prerequisite: [INST 1351](#)

**Semester Offered**

Fall and spring semesters

**INST 3354 : International Political Economy**

This course examines the interrelationship between political and economic factors in international relations. Theoretical perspectives on the relationship between international economics and politics, trade policies, trends in integration of political and economic systems, the role of multinational corporations and economic organizations in the modern world. Prerequisites: [INST 3352](#) or permission of faculty member.

**Credits** 3

**Course ID**

001369

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[INST 3354](#) Prerequisite: [INST 3352](#)

**Semester Offered**

Fall and spring semesters

**INST 3355 : Intercultural Issues**

A survey of world cultures, the factors distinguishing them from one another and the impact that cultural differences have on international relations. Special emphasis is placed on current cultural issues of major concern to the international community. Prerequisite: [INST 1351](#) or permission of faculty member.

**Credits** 3

**Course ID**

001370

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[INST 3355](#) Prerequisites: [INST 1351](#)

**Semester Offered**

Fall and spring semesters

**INST 3357 : Regional Study of Europe**

An interdisciplinary survey of Europe, focusing on the geographic, historical, cultural, economic and political factors most affecting the role of this region in the international community today. Prerequisite: [INST 1351](#) or permission faculty member.

**Credits** 3

**Course ID**

001371

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[INST 3357](#) Prerequisite: [INST 1351](#)

**Semester Offered**

Fall semester

**INST 3359 : Regional Study of Latin America**

An interdisciplinary survey of Latin America, focusing on the geographic, historical, cultural, economic and political factors most affecting the role of this region in the international community today. Prerequisite: [INST 1351](#) or permission of faculty member.

**Credits** 3

**Course ID**

001373

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[INST 3359](#) Prerequisite: [INST 1351](#)

**Semester Offered**

Spring semester

**INST 3360 : Regional Study of East Asia**

An interdisciplinary survey of East Asia focusing on the geographic, historical, cultural, economic and political factors most affecting the role of this region in the international community today. Prerequisite: [INST 1351](#) or permission of faculty member.

**Credits** 3

**Course ID**

001374

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[INST 3360](#) Prerequisite: [INST 1351](#)

**Semester Offered**

Spring semester

**INST 3363 : Regional Study of North Africa and the Middle East**

An interdisciplinary survey of the Middle East, focusing on the geographic, historical, cultural, economic and political factors most affecting the role of this region in the international community today. Prerequisite: [INST 1351](#) or permission of faculty member.

**Credits** 3

**Course ID**

001377

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[INST 3363](#) Prerequisite: [INST 1351](#)

**Semester Offered**

Fall semester

**INST 3366 : The American Foreign Policy Process**

([POSC 4354](#)) The foreign-policy-making process and factors influencing U.S. international behavior since 1945. Special emphasis on foreign policy issues affecting United States' interests in the coming decade. Prerequisite: [INST 1351](#) or permission of faculty member.

**Credits** 3

**Course ID**

001391

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[INST 3366](#) Prerequisite: [INST 1351](#)

**Semester Offered**

Fall and spring semesters

**INST 3370 : Politics Economics and Society**

This course provides students with the skills on how to use basic economic principles to understand some of the most pressing issues facing our societies, such as unequal distribution of wealth and resources, future of work, impact of climate change, wealth creation, and innovation, among others. Students will gain hands-on training in understanding and using data to measure economic and policy effectiveness.

**Credits** 3

**Course ID**

009364

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[INST 3370](#) Prerequisites: [INST 2352](#) OR [POSC 3300](#)

**Semester Offered**

Spring semester

**INST 4099 : Senior Thesis (Continuation)**

This course is the second semester continuation of a two-semester long (3 credit) capstone course in which majors develop, elaborate, and research a topic of their own choosing, in consultation with their thesis director. The result of this intensive research and writing exercise will be a thesis fit for presentation at a professional conference and UST Research Day. Prerequisite: [INST 4399](#)

**Credits** 3

**Course ID**

006459

**Grading Basis**

Graded w/Satisfactory

**Course Component**

Thesis Research

**Requisites**

[INST 4099](#) requires prerequisite of [INST 4399](#)

**INST 4191 : Internship in International Studies**

Work experience in business, government, media or private, not-for-profit agencies in the international field. To be arranged with the director. Consent required: Department. Course offered Pass/Fail basis only.

**Credits** 1

**Course ID**

001378

**Grading Basis**

Pass/Fail Option

**Course Component**

Internship

**Semester Offered**

Fall and spring semesters

**INST 4192 : Directed Reading/Independent Study in International Studies**

Student research on a selected problem in the field under the guidance of an international studies faculty member. Consent required: Instructor

**Credits** 1

**Course ID**

001384

**Grading Basis**

Graded

**Course Component**

Independent Study

**Semester Offered**

Fall and spring semesters

**INST 4193 : Special Topics in International Studies**

Upper-division treatment of selected topics in international studies.

**Credits** 1

**Course ID**

001388

**Grading Basis**

Graded

**Course Component**

Special Topics

**Semester Offered**

Fall and spring semesters

**INST 4291 : Internship in International Studies**

Work experience in business, government, media or private, not-for-profit agencies in the international field. To be arranged with the director. Consent required: Department. Course offered Pass/Fail basis only

**Credits** 2

**Course ID**

001379

**Grading Basis**

Pass/Fail Option

**Course Component**

Internship

**Semester Offered**

Fall and spring semesters

**INST 4292 : Directed Reading/Independent Study in International Studies**

Student research on a selected problem in the field under the guidance of an international studies faculty member. Consent required: Instructor

**Credits** 2

**Course ID**

001385

**Grading Basis**

Graded

**Course Component**

Independent Study

**Semester Offered**

Fall and spring semesters

**INST 4293 : Special Topics in International Studies**

Upper-division treatment of selected topics in international studies.

**Credits** 2

**Course ID**

001389

**Grading Basis**

Graded

**Course Component**

Special Topics

**Semester Offered**

Fall and spring semesters

**INST 4351 : Latin American Economic Development**

This course provides students with the skills on how to use basic economic principles to understand some of the most pressing issues facing our societies, such as unequal distribution of wealth and resources, future of work, impact of climate change, wealth creation, and innovation, among others. Students will gain hands-on training in understanding and using data to measure economic and policy effectiveness.

**Credits** 3

**Course ID**

009365

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Spring semester



**INST 4358 : Contemporary Mexico**

This course is an introduction to the political and economic trends underway in Mexico. The political sphere includes features of the current political system, electoral processes, the evolution of nongovernmental organizations and the relation of the Mexican government with civil society, business and labor sectors. The economic sphere focuses on Mexico's role in NAFTA and regional integration, and the bilateral relationship of Mexico with the United States. Prerequisite: 60+ credit hours

**Credits** 3

**Course ID**

006108

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[INST 4358](#) Prerequisite: 60+ Hours

**INST 4359 : Latin America Cultures: Diversity, Paradoxes and Transformation**

This course examines how the interplay of cultures affects our daily lives and how values and beliefs can shape cultural regions. While the course will cover broad theory, particular focus will be on Latin America. The key question is: who is the Latin American? This course will review and deconstruct the paradigm of Latin American character and how it impacts and is impacted by the church, work relations, family, race and gender. The influences of particular historical, geographic and socio-economic forces in Latin American build an image of a coherent cultural region. This is an image, however, full of intra-regional diversity. To what extent then does the cultural ideal type accommodate this diversity? Mexico, Brazil and Argentina will be examined for answers to these questions. Prerequisite: 60+ credit hours

**Credits** 3

**Course ID**

006355

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[INST 4359](#) Prerequisite: 60+ Hours

**INST 4360 : Perspectives on Modern China**

This course presents the history of modern China from 1860s to today. The course begins with China's forced opening to the West after the Opium Wars and concludes with China's transition at the start of the 21st Century. While emphasizing the chronological record of China's development, discussion also focuses on the changing images of China at home in the West over one and a half centuries. Reliance upon text material is accented by frequent use of film to bring these images and events to life. Prerequisite: 60+ credit hours

**Credits** 3

**Course ID**

006356

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[INST 4360](#) Prerequisite: 60+ Hours

**INST 4361 : Global Energy**

This course explores the political, social and economic issues surrounding the global exploration, supply, and consumption of energy. The politics of energy examines the national, multinational, and transnational actors that compete for energy resources. The relationship between energy and security is investigated with special attention to the Middle East, China, India, and the United States. The social consequences of the search for and use of fossil fuels is examined, as well as the economics of fossil fuels, biomass, and renewal energy resources. Considerable attention will be granted to studies forecasting future supply and demand, as well as the cost benefit analysis of alternative energy sources. Prerequisite: 60+credit hours

**Credits** 3**Course ID**

006775

**Grading Basis**

Graded

**Course Component**

Seminar

**Requisites**[INST 4361](#) Prerequisite: 60+ Hours**INST 4362 : Globalization and Gender Issues**

This course examines the relationship between the globalization phenomena and issues related to gender treatment and equity. Primary emphasis will be granted to the effect of globalization on female labor. This topic will be explored in the context of socioeconomic development within and across developed and developing societies. Major conceptual approaches to understand development will be addressed and assessed through quantitative and qualitative analyses. Prerequisite: 60+ credit hours

**Credits** 3**Course ID**

006772

**Grading Basis**

Graded

**Course Component**

Seminar

**Requisites**[INST 4362](#) Prerequisite: 60+ Hours**INST 4364 : International Law**

Beginning with the customs and sources of international jurisprudence, this course introduces essential legal terminology and distinctions focusing on the lawful exercise of power of nations. Relevant topics include international organizations and methods of dispute resolution, especially armed conflict, human rights, global environmental law, and law of the sea, air, and space. Prerequisite: 60+ credit hours

**Credits** 3**Course ID**

006304

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**[INST 4364](#) Prerequisite: 60+ Hours**Semester Offered**

Spring semester

**INST 4365 : Development and Democracy**

This course provides an extensive examination of the conceptualization and measurement of “development” and “democracy.” The course begins with discussion and analysis of the extant model of development as it developed in Western Europe and North America. This model is then applied and tested in regions of the world outside of the core-industrialized states to ascertain its applicability historically and empirically. Prerequisite: 60+ credit hours

**Credits** 3

**Course ID**

006354

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[INST 4365](#) Prerequisite: 60+ Hours

**INST 4366 : International Security**

This course exposes students to a focused look at security studies of peace and war, with application to understanding the source and nature of conflicts over time. State and systemic security is approached from a perspective broader than traditional conventional security by examining economic, health, and environmental challenges to states. Prerequisite: 60+ credit hours

**Credits** 3

**Course ID**

007051

**Grading Basis**

Graded

**Course Component**

Seminar

**Requisites**

[INST 4366](#) Prerequisite: 60+ Hours

**Semester Offered**

Fall semester

**INST 4367 : U. S. Security Policy and Strategy**

This seminar examines the challenges that the United States confronts in international affairs in the first decades of the twenty-first century; will analyze the foreign and national security policies the country pursues to meet these challenges; and will evaluate the strategies it deploys to implement those policies. The course will place these themes in their historical context. Among the subjects explored are nature of power and the uses of diplomacy in the contemporary world; United States' diplomatic, foreign policy, and national security traditions; the National Security Strategy of the United States; the utility of the concepts of sovereignty, hegemony, and the balance of power; the impact of globalization and anti-Americanism on U.S. policy and strategy; and the U.S. approach to failed states, transnational threats, democracy promotion, and conflict termination. Prerequisite: 60+ credit hours

**Credits** 3**Course ID**

007052

**Grading Basis**

Graded

**Course Component**

Seminar

**Requisites**[INST 4367](#) Prerequisite: 60+ Hours**INST 4368 : International Projects: Structuring and Development**

This course exposes students to the basic analytical skills and practical experiences needed to generally understand the rationale for and execution of international projects from identification to start of operations. It covers the general theories and practices used by multilateral and governmental organizations as well as large corporations to identify, justify, structure, negotiate and fund international projects. The course is designed to provide practical analytical skills to students who would like to develop careers in the international arena. Among the subjects this course will explore are project development; project finance; risk identification and mitigation; international legal structuring and negotiations; and project viability analysis. Prerequisite: 60+ credit hours

**Credits** 3**Course ID**

007071

**Grading Basis**

Graded

**Course Component**

Seminar

**Requisites**[INST 4368](#) Prerequisite: 60+ Hours

**INST 4369 : Seminar in International Development Studies**

This course sees individuals as active agents of change in any given society. Through an integrated analysis of economic, social and political activities involving a variety of institutions and many interactive agencies it seeks to understand and analyze the roles and interconnections between certain crucial instrumental freedoms and their prospects for development. In part, these include economic opportunities, political rights, social facilities, transparency guarantees, and protective security. Course format will present opportunities for exploring development, including a formal debate on the role of societal arrangements. Prerequisite: 60+ credit hours

**Credits** 3**Course ID**

007232

**Grading Basis**

Graded

**Course Component**

Seminar

**Requisites**[INST 4369](#) Prerequisite: 60+ Hours**Semester Offered**

Spring semester

**INST 4370 : Global Health**

The study of global health requires the examination of predominant health issues and current health policy from the local to international perspectives and analysis. The increasingly open flow of resources, including human capital, and the potential of the catastrophic impact of epidemics and pandemics has transformed health from a domestic to a multi-national concern and challenge. Emphasis will be on the international health regime characterized by the institutional rules, norms, and organizations that address global health. Specifically, this course examines and discusses topics in health- and organization-related issues, including a current survey of global health problems, surveillance of diseases and injuries, basic methods for outbreak investigation, international health policies and treaties, and introduction to organizational theories relevant to global health. Prerequisite: 60+ credit hours

**Credits** 3**Course ID**

006771

**Grading Basis**

Graded

**Course Component**

Seminar

**Requisites**[INST 4370](#) Prerequisite: 60+ Hours

**INST 4371 : International Human Rights**

This course introduces the theoretical, legal and policy issues of importance in human rights discourse. Students will be provided a solid grounding in the key texts, documents and literature on the subject and will be equipped with a knowledge and understanding of the fundamental legal, political and nongovernmental organizations which underpin human rights practice. Emphasis will be international in nature and will focus on the international rules and institutions that address human rights. No prior knowledge of the law or any particular legal system is required. Prerequisite: 60+ credit hours

**Credits** 3**Course ID**

006773

**Grading Basis**

Graded

**Course Component**

Seminar

**Requisites**[INST 4371](#) Prerequisite: 60+ Hours**INST 4374 : Seminar in Middle East Studies**

This course complements [INST 3363](#) (Regional Study: North Africa and the Middle East) by examining the dynamics, debates, and crises that mark the modern Middle East. Topically it includes women and gender in the Middle East; the economics of oil; water as a scarce and contentious resource; Muslim fundamentalism; the Arab-Israeli conflict; the politics of armament. Topics rotate from semester to semester. It will strengthen methods and analytical capabilities for understanding the complexities of current affairs in this strategic world region. Prerequisite: 60+ credit hours

**Credits** 3**Course ID**

007235

**Grading Basis**

Graded

**Course Component**

Seminar

**Requisites**[INST 4374](#) Prerequisite: 60+ Hours**Semester Offered**

Spring semester

**INST 4375 : Contemporary Brazil**

This course deals with key factors in the historical formation of Brazil; key factors which have shaped major contemporary issues. Among them, the course will highlight the formation of the territory and Brazilian identity, miscegenation and racial identity, land and income distribution, urbanization and urban violence. Students will learn to discuss contemporary attempts of development in the country, their failures and successes, and the involvement of the different social classes and major religious groups in these attempts. Furthermore, the discussion will place the Brazilian experience within the context of Latin America and the International community. Prerequisite: 60+ credit hours

**Credits** 3**Course ID**

007236

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**[INST 4375](#) Prerequisite: 60+ Hours**INST 4376 : Contemporary Taiwan**

This course is a survey of the contemporary history, politics, economics, and external relations of the Republic of China on Taiwan, known to most of the world as simply Taiwan. While founded on mainland China in 1912, the Republic of China we know today has been shaped largely by events after 1949. On the verge of total defeat near the end of China's civil war, the Nationalist government reestablished itself on the island of Taiwan. Since 1949, Taiwan has transitioned from abject poverty to one of the wealthiest societies in the world; from fascism to liberal democracy; and from near universal diplomatic recognition to nearly complete diplomatic isolation. This course will explore the immense challenges faced by Taiwan's people and government and investigate the manner in which such an imperiled island managed such a fascinating process of change. Highlighted as well is the prominent role played by the United States in guaranteeing the regional security necessary for Taiwan's ascendance. Prerequisite: 60+ credit hours

**Credits** 3**Course ID**

007237

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**[INST 4376](#) Prerequisite: 60+ Hours**Semester Offered**

Spring semester

**INST 4377 : Government-Business Relations in the Developing World**

This course explores the country risks businesses and non-profits face in the developing world, including government instability, the lack of government capacity, insecurity, dysfunctional legal systems, corruption, human rights violations, poverty, poor infrastructure, and a low level of social services, including poor education and health care. We will look at how entities evaluate these risks before entering a country and how they manage these risks once on the ground. We will also discuss the ethical issues encountered in doing business in developing countries. The course will provide a foundation for anyone interested in doing business or otherwise working in developing countries. While the course is organized around specific risks, it will also review the broader issues common to developing countries. Prerequisites: [INST 1351](#) and INST 1352

**Credits** 3

**Course ID**

007699

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Spring semester

**INST 4378 : Seminar in Social Entrepreneurship**

This course examines the potential of the private sector to foster human development on local and global scales. We examine what different corporations and small entrepreneurs are doing to make a profit and better our planet. The course also offers perspectives about what enterprises could or should be doing to promote sustainability, and it explores how corporate social responsibility can be a useful tool for business men and women around the world navigate across cultures and classes; make a living' and promote sustainable economic development. The course is also an informal invitation to become social entrepreneurs with real social values at the course of our goals and objectives. The course will foster our own social entrepreneurship principles, based on the idea that the market can be a tool for delivering profit while also generating many other values with real and substantial marginal social benefits.

**Credits** 3

**Course ID**

008076

**Grading Basis**

Graded

**Course Component**

Seminar

**Requisites**

[INST 4378](#) Pre-requisite: [INST 1351](#)



### **INST 4379 : Cyber Warfare**

This course overviews the growth and scope of cyber warfare and its impacts on national power in the domains of government, diplomacy, international law, international commerce/economic power, social media/privacy, science/technology, and civil society. It traces the evolution of conflict from traditional information gathering to the development of cyber weaponry with destructive capabilities and the use of those capabilities to advance national foreign policy interests. Through the use of case studies and selective readings from a variety of sources (government policy directives, cyber security industry studies, and defense related academic papers), the course guides students through the emergent quality of the broadening scope of cyber conflict and the multifaceted response to the challenge. Ultimately, students are confronted with the impact of the ongoing threat as they interface with cyberspace in their day-to-day interactions. The goal is for a deeper understanding of the scope and complexity of the cyber domain and the global conflict that is raging out of view.

**Credits** 3

**Course ID**

008519

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[INST 4379](#) Prerequisites: Junior Standing

**Semester Offered**

Spring semester

### **INST 4380 : Global Conflict Resolution**

This course begins with the premise that conflict is a part of everyday life that spans across every inch of the globe and is found in all careers and relationships, so it is designed to be a practical course that provides a comprehensive overview of conflict resolution from a micro (person-to-person) to a global perspective. This course reviews the theoretical components while exploring conflict within different contexts, including intergroup, interpersonal, cross-cultural, legal, and international, by analyzing select global conflicts and learning to identify its primary and secondary participants. This course introduces positive conflict management skills, including active listening, communication skills, principled negotiation, facilitation, and peacekeeping skills. This skill-based course will explore how these variables and behavioral attributes have, and can, influence global conflicts through escalation and de-escalation. Upon completion of this course and attendance in class for at least 40 hours, as designated by Texas State Statute, graduate and undergraduate students will be able to mediate globally with their basic mediation certificate.

**Credits** 3

**Course ID**

008520

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[INST 4380](#) Prerequisites: Junior Standing.

**Semester Offered**

Spring semester

**INST 4381 : International Security in East Asia**

This course will provide a broader understanding of security and geopolitics in East Asia. With the rise of China and the nuclear threat from North Korea, the security dynamics within and beyond East Asian states is of critical importance to both the United States and the world. To better comprehend such complex security dynamics in East Asia, this course will review the historical progress of diplomatic and security related interactions between East Asian countries, and their relations with the United States as well. After a profound understanding of the history is acquired, this course will guide students to analyze the current events and potential changes in this region and derive policy implications and strategic proposals for the East Asian countries and the United States.

**Credits** 3**Course ID**

008521

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**[INST 4381](#) Prerequisites: Junior Standing.**Semester Offered**

Fall semester

**INST 4391 : Internship in International Studies**

Work experience in business, government, media or private, not-for-profit agencies in the international field. To be arranged with the director. Consent required: Department. Course offered Pass/Fail basis only

**Credits** 3**Course ID**

001380

**Grading Basis**

Pass/Fail Option

**Course Component**

Internship

**INST 4392 : Directed Reading/Independent Study in International Studies**

Student research on a selected problem in the field under the guidance of an international studies faculty member. Consent required: Instructor

**Credits** 3**Course ID**

001386

**Grading Basis**

Graded

**Course Component**

Independent Study

**INST 4393 : Special Topics in International Studies**

Upper-division treatment of selected topics in international studies.

**Credits** 3

**Course ID**

003722

**Grading Basis**

Graded

**Course Component**

Special Topics

**INST 4398 : Senior Thesis in International Studies**

Capstone course in which students develop, elaborate, and research a topic of historical and/or contemporary relevance. The result of this intensive research and writing exercise will be a thesis fit for presentation at a professional conference and UST Research Symposium. Prerequisite: Senior standing, [INST 2352](#)

**Credits** 3

**Course ID**

007016

**Grading Basis**

Graded

**Course Component**

Thesis Research

**Requisites**

[INST 4398](#) Prerequisite: [INST 2352](#) and permission of professor

**Semester Offered**

Fall semester

**INST 4399 : Senior Thesis in International Studies II**

This course is the second semester continuation of a two-semester long capstone degree requirement in which majors develop, elaborate, and research a topic of their own choosing, in consultation with their thesis director. It is expected that the result of this intensive research and writing exercise will be a thesis fit for presentation at a professional conference and UST Research Symposium. Prerequisite: [INST 4398](#)

**Credits** 3

**Course ID**

001392

**Grading Basis**

Graded

**Course Component**

Thesis Research

**Requisites**

[INST 4399](#): Prerequisite of [INST 4398](#)

**Semester Offered**

Spring semester

**INST 4491 : Internship in International Studies**

Work experience in business, government, media or private, not-for-profit agencies in the international field. To be arranged with the director. Consent required: Department. Course offered Pass/Fail basis only

**Credits** 4

**Course ID**

001381

**Grading Basis**

Graded

**Course Component**

Internship

**INST 4492 : Directed Reading/Independent Study in International Studies**

Student research on a selected problem in the field under the guidance of an international studies faculty member. Consent required: Instructor

**Credits** 4

**Course ID**

001387

**Grading Basis**

Graded

**Course Component**

Independent Study

**INST 4493 : Special Topics in International Studies**

Upper-division treatment of selected topics in international studies.

**Credits** 4

**Course ID**

001390

**Grading Basis**

Graded

**Course Component**

Special Topics

**INST 4591 : Internship in International Studies**

Work experience in business, government, media or private, not-for-profit agencies in the international field. To be arranged with the director. Consent required: Department. Course offered Pass/Fail basis only

**Credits** 5

**Course ID**

001382

**Grading Basis**

Graded

**Course Component**

Internship

**INST 4691 : Internship in International Studies**

Work experience in business, government, media or private, not-for-profit agencies in the international field. To be arranged with the director. Consent required: Department. Course offered Pass/Fail basis only

**Credits** 6

**Course ID**

001383

**Grading Basis**

Graded

**Course Component**

Internship

# Latin American Latino Studies

## **LALS 4391 : Latin American and Latino Studies Internship**

On-the-job experience under the guidance of practicing specialists in the field. To be supervised by a program faculty member with the approval of the program director.

**Credits** 3

**Course ID**

007392

**Grading Basis**

Graded

**Course Component**

Internship

## **LALS 4392 : Directed Reading/Independent Study in Latin American and Latino Studies Program (LALS)**

Student research on a selected issue in Latin American and Latino Studies guided by a program faculty member.

**Credits** 3

**Course ID**

007391

**Grading Basis**

Graded

**Course Component**

Independent Study

## **LALS 4393 : Special Topics in Latin American and Latino Studies**

Upper division treatment of selected topics of mutual interest to Latin American and Latino Studies faculty and students.

**Credits** 3

**Course ID**

007357

**Grading Basis**

Graded

**Course Component**

Special Topics

## **LALS 4399 : Senior Research in Latin American and Latino Studies**

Research-based project open to Latin American and Latino Studies minors in their senior year. Project topic to be approved and supervised by a Latin American and Latino Studies faculty member according to standards and guidelines available from the program director.

**Credits** 3

**Course ID**

007393

**Grading Basis**

Graded

**Course Component**

Thesis Research

# Master Diplomacy Strat Affairs

## **MDSA 4370 : Global Health**

The study of global health requires the examination of predominant health issues and current health policy from the local to international perspectives and analysis. The increasingly open flow of resources, including human capital, and the potential of the catastrophic impact of epidemics and pandemics has transformed health from a domestic to a multi-national concern and challenge. Emphasis will be on the international health regime characterized by the institutional rules, norms, and organizations that address global health. Specifically, this course examines and discusses topics in health- and organization-related issues, including a current survey of global health problems, surveillance of diseases and injuries, basic methods for outbreak investigation, international health policies and treaties, and introduction to organizational theories relevant to global health.

**Credits** 3

**Course ID**

009197

**Grading Basis**

Graded

**Course Component**

Seminar

# Political Science

## **POSC 2331 : American Federal Government**

Origin and development of the U.S. Constitution, structure and powers of the national government including the legislative, executive, and judicial branches, federalism, political participation, the national election process, public policy, civil liberties and civil rights.

**Credits** 3

**Course ID**

001542

**Grading Basis**

Graded

**Course Component**

Lecture

## **POSC 2332 : Texas State and Local Government**

This course will provide students with an introduction to Texas State government and politics within the context of other US states and the federal government. Students will learn general information about state governments in the public policy process, specifically Texas State government. Students will assess state political cultures, as well as federalism and state constitutions, with a specific emphasis on the Texas State Constitution.

**Credits** 3

**Course ID**

001543

**Grading Basis**

Graded

**Course Component**

Lecture

**POSC 3300 : Methods in Social Research**

An introduction to basic research methodology in the social and behavioral sciences. Prerequisites: [POSC 2331](#) and 2332.

**Credits** 3

**Course ID**

001544

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[POSC 3300](#) Prerequisites: [POSC 2331](#), 2332

**Semester Offered**

Fall semester

**POSC 3301 : Statistics for the Social Sciences**

This course is designed to introduce students to the basic quantitative methodology in the social sciences and to teach them research design from the conception of an idea to the analysis and interpretation of data.

Prerequisites: [POSC 2331](#), 2332.

**Credits** 3

**Course ID**

001545

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[POSC 3301](#) Prerequisites: [POSC 2331](#), 2332

**Semester Offered**

Spring semester

**POSC 3302 : History of the Common Law**

(LGST and [HIST 3302](#)) An introduction to the development of the principle English legal institutions and doctrines. Prerequisites: [POSC 2331](#), 2332.

**Credits** 3

**Course ID**

001546

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[POSC 3302](#) Prerequisites: [POSC 2331](#), 2332

**Semester Offered**

Spring semester

**POSC 3304 : The Marshall Court**

An historical analysis of the work of the United States Supreme Court between 1789 and 1835. Prerequisites: [POSC 2331](#), 2332.

**Credits** 3

**Course ID**

001548

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[POSC 3304](#) Prerequisites: [POSC 2331](#), 2332

**Semester Offered**

Fall semester, odd years

**POSC 3305 : Comparative Legal Systems: Civil Law (Roman Law) and the Common Law**

A comparative study of common law legal systems and civil law systems from Europe and Latin America. Prerequisites: [POSC 2331](#) and 2332.

**Credits** 3

**Course ID**

005896

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[POSC 3305](#) Prerequisites: [POSC 2331](#), 2332

**Semester Offered**

Offered as needed

**POSC 3318 : Administrative Law**

A study of the implementation of statutes by the executive agencies of government, covering enforcement, economic and social regulation, taxation, education, distribution of welfare benefits, land management and many other activities of government.

**Credits** 3

**Course ID**

007487

**Grading Basis**

Graded

**Course Component**

Lecture



**POSC 3321 : Immigration Law and Policy**

A practical approach to the substantive law of immigration in the context of American immigration history and developing public policy. Prerequisites: [POSC 2331](#), 2332.

**Credits** 3

**Course ID**

006353

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[POSC 3321](#) Prerequisites: [POSC 2331](#), 2332

**Semester Offered**

Offered as needed

**POSC 3327 : Introduction to American Jurisprudence**

This course will address how the American legal system is structured and how lawyers, judges and others who participate in the system on a daily basis interact with the system.

**Credits** 3

**Course ID**

008937

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[POSC 3327](#) Prerequisites: [POSC 2331](#), 2332

**Semester Offered**

Offered as needed

**POSC 3332 : Urban Government & Politics**

This course covers the context in which city governments operate the politics and policymaking process of urban places, and the service delivery issues confronting municipalities. The course is designed to assist the student in obtaining an in-depth understanding of the politics of local public problems. Prerequisites: [POSC 2331](#), 2332.

**Credits** 3

**Course ID**

005024

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[POSC 3332](#) Prerequisites: [POSC 2331](#), 2332

**Semester Offered**

Fall semester, even years

**POSC 3333 : Law and Society**

How the values and attitudes of society influence the content and enforcement of the law and how the law influences the mores and behavior of society. Prerequisites: [POSC 2331](#), 2332.

**Credits** 3

**Course ID**

001550

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[POSC 3333](#) Prerequisites: [POSC 2331](#), 2332

**Semester Offered**

Fall semester, odd years

**POSC 3334 : Campaigns and Elections**

Students are offered the opportunity to actively participate in the campaigns of candidates. Academic research is combined with "on-the-job" training. Classroom analysis and critique of the individual campaigns round out the course. Prerequisites: [POSC 2331](#), 2332.

**Credits** 3

**Course ID**

001551

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[POSC 3334](#) Prerequisites: [POSC 2331](#), 2332

**Semester Offered**

Spring semester, even years

**POSC 3335 : Interest Groups, Political Parties, and Political Participation**

An examination of the various components of political participation: political parties, interest groups, public opinion and the role of media. Prerequisites: [POSC 2331](#), 2332.

**Credits** 3

**Course ID**

001552

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[POSC 3335](#) Prerequisites: [POSC 2331](#), 2332

**Semester Offered**

Fall semester, even years

**POSC 3337 : Politics and the Media**

This course analyzes the impact of the media on the American political system. There is an examination of the evolution of the media from the earliest days of the republic to its place of central importance in elections and governing today. Prerequisites: [POSC 2331](#), 2332.

**Credits** 3

**Course ID**

005026

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[POSC 3337](#) Prerequisites: [POSC 2331](#), 2332

**Semester Offered**

Spring semester, even years

**POSC 3342 : Judicial Process**

Development and operations of courts and related institutions; impact of judicial decisions upon the political system. Prerequisites: [POSC 2331](#) and 2332.

**Credits** 3

**Course ID**

001553

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[POSC 3342](#) Prerequisites: [POSC 2331](#), 2332

**POSC 3350 : U.S. Congress**

Advanced study of the U.S. Congress Prerequisites: [POSC 2331](#) and 2332.

**Credits** 3

**Course ID**

001554

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[POSC 3350](#) Prerequisites: [POSC 2331](#), 2332

**Semester Offered**

Spring semester, odd years

**POSC 3352 : International Politics**

([INST 3352](#)) Theories of international politics and the decision-making process that generates foreign policy. An examination of the role of power in the modern world, the utility of force in conflict resolution versus the multilateral, collaborative approach. An introduction to the way current international politics is increasingly related to the world economic situation, with special attention to the role of multinational corporations, international trade and finance. Prerequisites: [POSC 2331](#) and 2332, [INST 1351](#) or permission of faculty member.

**Credits** 3**Course ID**

001555

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**[POSC 3352](#) Prerequisites: [POSC 2331](#), 2332, [INST 1351](#)**Semester Offered**

Offered as needed

**POSC 3353 : The Presidency and the Executive Branch**

This course focuses on the role of the presidency in the American political system. Emphasis will be on the office and powers of the President, the expansion of the constitutional presidency and the changing nature of presidential politics. Prerequisites: [POSC 2331](#), 2332.

**Credits** 3**Course ID**

001556

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**[POSC 3353](#) Prerequisites: [POSC 2331](#), 2332

**POSC 3354 : Emergency Management**

This course focuses on the evolution of U.S. disaster policy and the practice of emergency management, with particular attention to the roles of local governments and nonprofit agencies in disaster management. The course examines the major policy issues, including the utility of the “all-hazard” or comprehensive model of emergency management, the role of the military in disaster operations, state and local capacity building, and the design and implementation of hazard mitigation policies and programs. Prerequisites: [POSC 2331](#) and 2332.

**Credits** 3

**Course ID**

005032

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[POSC 3354](#) Prerequisites: [POSC 2331](#), 2332

**Semester Offered**

SP/SU

**POSC 3355 : American Constitutional Law**

An analysis of the development and evolutionary interpretation of the United States Constitution through study of decisions by the United States Supreme Court from 1789 to the present. Prerequisites: [POSC 2331](#), 2332.

**Credits** 3

**Course ID**

001557

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[POSC 3355](#) Prerequisites: [POSC 2331](#), 2332

**Semester Offered**

Fall semester

**POSC 3356 : American Constitutional Law II**

Examines the American constitutional law of criminal justice and criminal procedure as it relates to the administration of criminal substantive law, and the procedural law of arrest, stop and frisk, search, confessions, identification, preliminary hearings, bail, indictment, plea bargaining, venue, discovery, trial, sentencing, appeal, and habeas corpus. Prerequisites: [POSC 2331](#), 2332.

**Credits** 3

**Course ID**

005033

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[POSC 3356](#) Prerequisites: [POSC 2331](#), 2332

**Semester Offered**

Spring semester

**POSC 3357 : Public Policy Analysis**

An exploration of the ways in which public policy is made in the United States. Prerequisites: [POSC 2331](#) and 2332.

**Credits** 3

**Course ID**

005034

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[POSC 3357](#) Prerequisites: [POSC 2331](#), 2332

**POSC 3358 : Public Opinion and Voting Behavior**

The political behavior of the mass public in modern democratic systems, especially the United States. Major areas of emphasis will include: political socialization and learning, public opinion and attitude formation, participation and voting behavior. Prerequisites: [POSC 2331](#), 2332

**Credits** 3

**Course ID**

005035

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[POSC 3358](#) Prerequisites: [POSC 2331](#), 2332

**Semester Offered**

Spring semester, odd years

**POSC 3360 : Introduction to Justice & Peace Studies**

A basic overview of justice and peace studies, based on the seven main principles of Catholic Social Teaching. Among the topics that will be reviewed in conjunction with these principles are the dignity of the human person, community-building, human rights, economic development, culture, class, and gender concerns, conflict resolution and care for the environment. Prerequisites: [POSC 2331](#), 2332.

**Credits** 3

**Course ID**

005879

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[POSC 3360](#) Prerequisites: [POSC 2331](#), 2332

**Semester Offered**

Fall semester

**POSC 3362 : Minority Politics**

An examination of political participation by minorities (African-American, Asian-American, Latin-American, Native American, women, and other minorities) in American politics, and of the impact of public policies on minority groups. Particular reference will be made to Texas and U.S. Southwest politics. Prerequisites: [POSC 2331](#), 2332.

**Credits** 3

**Course ID**

001558

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[POSC 3362](#) Prerequisites: [POSC 2331](#), 2332

**Semester Offered**

Fall semester, even years

**POSC 3363 : Latino Politics**

A survey of the forms of political participation and types of public policies that affect Latinos in the United States. Particular reference will be made to Texas and U.S. Southwest politics. Prerequisites: [POSC 2331](#), 2332

**Credits** 3

**Course ID**

006766

**Grading Basis**

Graded

**Course Component**

Seminar

**Requisites**

[POSC 3363](#) Prerequisites: [POSC 2331](#), 2332

**Semester Offered**

Spring semester, even years

**POSC 3371 : Introduction to Public Administration**

An overview of the basic components of administration in government and nonprofit organizations. Topics covered include executive branch structures, federalism, budgeting, policymaking, personnel administration and ethics. Prerequisites: [POSC 2331](#), 2332.

**Credits** 3

**Course ID**

001559

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[POSC 3371](#) Prerequisites: [POSC 2331](#), 2332

**POSC 3372 : Public Personnel Administration**

An introduction to civil service systems in the United States. Particular emphasis will be placed on the following topics: the history of the U.S. Civil Service, position classification systems, equal employment opportunity, employee recruitment, in-service training, performance appraisals, employee motivation and collective bargaining. Prerequisites: [POSC 2331](#), 2332.

**Credits** 3

**Course ID**

001560

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[POSC 3372](#) Prerequisites: [POSC 2331](#), 2332

**Semester Offered**

Spring semester, odd years

**POSC 3373 : Public Administration Ethics**

An examination of individual, professional, and institutional ethical issues that arise in public and non-profit organizations. Prerequisites: [POSC 2331](#), 2332.

**Credits** 3

**Course ID**

001561

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[POSC 3373](#) Prerequisites: [POSC 2331](#), 2332

**Semester Offered**

Fall semester, odd years



**POSC 3374 : Public Organizations: Theory and Behavior**

Explores knowledge of organization theory and administrative behavior to understand and diagnose organizational problems and dynamics in the public sector. Prerequisites: [POSC 2331](#), 2332.

**Credits** 3

**Course ID**

001562

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[POSC 3374](#) Prerequisites: [POSC 2331](#), 2332

**Semester Offered**

Spring semester, odd years

**POSC 3375 : Federalism and Intergovernmental Relations**

This course examines the origins, foundations and 200-year history of the American system of national, state and local governance. The course will especially focus on how national, state and local governments interact through the intergovernmental process. Specific topics the course will cover include court cases on federalism, fiscal aspects of federalism, models of federalism, comparative federalism and the future of federalism.

Prerequisites: [POSC 2331](#), 2332.

**Credits** 3

**Course ID**

001563

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[POSC 3375](#) Prerequisites: [POSC 2331](#), 2332

**Semester Offered**

Fall semester, odd years

**POSC 3376 : Public Budgeting and Finance**

Examines the techniques and politics of raising and spending public funds. Discusses topics such as deficits politics, legislative and executive powers, and the budgetary role of the courts. Assesses the impacts of taxing and spending policies. Explores issues relevant to national, state, and local governments. Prerequisites: [POSC 2331](#), 2332.

**Credits** 3

**Course ID**

001564

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[POSC 3376](#) Prerequisites: [POSC 2331](#), 2332

**Semester Offered**

Fall semester, even years

**POSC 4099 : Senior Thesis (cont)**

This course is the second semester continuation of a two-semester long (3 credit) capstone course in which majors develop, elaborate, and research a topic of their own choosing, in consultation with their thesis director. The result of this intensive research and writing exercise will be a thesis fit for presentation at a professional conference and UST Research Day. Prerequisite: [POSC 4399](#).

**Credits** 3

**Course ID**

006911

**Grading Basis**

Graded

**Course Component**

Thesis Research

**Requisites**

[POSC 4099](#) Prerequisites: [POSC 2331](#), 2332, 4399

**Semester Offered**

Offered as needed

**POSC 4191 : Internship in Political Science**

Practicum or on-the-job experience under the guidance of practicing specialists in the field. To be supervised individually by a department faculty member with the approval of the chair. Prerequisites: [POSC 2331](#), 2332.

**Credits** 1

**Course ID**

001566

**Grading Basis**

Graded

**Course Component**

Internship

**Requisites**

[POSC 4191](#) Prerequisites: [POSC 2331](#), 2332

**POSC 4192 : Directed Reading/Independent Study in Political Science**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Prerequisites: [POSC 2331](#), 2332.

**Credits** 1

**Course ID**

001572

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[POSC 4192](#) Prerequisites: [POSC 2331](#), 2332

**POSC 4292 : Directed Reading/Independent Study in Political Science**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Prerequisites: [POSC 2331](#), 2332.

**Credits** 2

**Course ID**

001573

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[POSC 4292](#) Prerequisites: [POSC 2331](#), 2332

**POSC 4301 : Political Theory: Plato to Machiavelli**

An introduction to the development of political ideas from the ancient times to the Renaissance. Students will study Greek, Roman, Medieval, and Renaissance political thinkers. Prerequisites: [POSC 2331](#), 2332.

**Credits** 3

**Course ID**

001580

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[POSC 4301](#) Prerequisites: [POSC 2331](#), 2332

**Semester Offered**

Spring semester, even years

**POSC 4303 : American Political Theory**

An introduction to the development of American political ideas from the colonial period to the present. Gender and minority perspectives are an integral part of the course. Prerequisites: [POSC 2331](#), 2332.

**Credits** 3

**Course ID**

001582

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[POSC 4303](#) Prerequisites: [POSC 2331](#), 2332

**Semester Offered**

Fall semester, even years

**POSC 4304 : Contemporary Political Theory**

An introduction to the development of political ideas in the 20th and 21st century. A comparison between Western and non-Western political theory is an integral part of the course. Prerequisites: [POSC 2331](#), 2332.

**Credits** 3

**Course ID**

005878

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[POSC 4304](#) Prerequisites: [POSC 2331](#), 2332

**Semester Offered**

Spring semester, odd years

**POSC 4305 : Religion and Politics**

A basic review of the history and/or fundamental issues entailed in the interrelationship of religion and politics. In particular, the course will focus on the impact religion has on political participation, political institutions and political culture. Prerequisites: [POSC 2331](#), 2332.

**Credits** 3

**Course ID**

006077

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[POSC 4305](#) Prerequisites: [POSC 2331](#), 2332

**POSC 4311 : Mock Trial**

This course is designed to teach the basics of trial procedure through the use of simulations and mock trials. Students will read texts and discuss trial procedure and selected readings on the structure and procedures of trial courts. The main goal of the course is to impart the fundamentals necessary for successful participation in intercollegiate mock trial competition and to lay the groundwork for more advanced study in law school. The majority of class time in the second half of the course will be spent in "hands on" practice of these techniques in mock trials.

**Credits** 3

**Course ID**

007262

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[POSC 4311](#) Prerequisites: [POSC 2331](#), 2332

**Semester Offered**

Fall semester

**POSC 4332 : Senior Seminar**

A capstone course for government and pre-law senior students that explores and summarizes selected areas of government, law and the public arena. This course may be team taught. Prerequisites: [POSC 2331](#), 2332.

**Credits** 3

**Course ID**

001584

**Grading Basis**

Graded

**Course Component**

Seminar

**Requisites**

[POSC 4332](#) Prerequisites: [POSC 2331](#), 2332, 3300, 3301

**POSC 4336 : Development of Mesoamerican and Ancestral Puebloan Government in Mexico**

Political anthropology course focused on a fresh evaluation of archaeological data leading to contemporary political and governmental conclusions about the intersection of Chaco/Aztec N.M./Paquimé and Mesoamerican cultures. This course provides an insightful alternative to eastern and western European approaches to the development of government.

**Credits** 3

**Course ID**

008936

**Grading Basis**

Graded

**Course Component**

Lecture

**POSC 4354 : American Foreign Policy Process**

(INST 4354) The foreign policy-making process and factors influencing U.S. international behavior since 1945. Special emphasis on foreign policy issues affecting United States interests in the coming decade. Prerequisites: [POSC 2331](#), 2332.

**Credits** 3

**Course ID**

001585

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[POSC 4354](#) Prerequisites: [POSC 2331](#), 2332

**Semester Offered**

Fall and spring semesters

**POSC 4379 : Cyber Warfare**

This course overviews the growth and scope of cyber warfare and its impacts on national power in the domains of government, diplomacy, international law, international commerce/economic power, social media/privacy, science/technology, and civil society. It traces the evolution of conflict from traditional information gathering to the development of cyber weaponry with destructive capabilities and the use of those capabilities to advance national foreign policy interests. Through the use of case studies and selective readings from a variety of sources (government policy directives, cyber security industry studies, and defense related academic papers), the course guides students through the emergent quality of the broadening scope of cyber conflict and the multifaceted response to the challenge. Ultimately, students are confronted with the impact of the ongoing threat as they interface with cyberspace in their day-to-day interactions. The goal is for a deeper understanding of the scope and complexity of the cyber domain and the global conflict that is raging out of view.

**Credits** 3**Course ID**

008516

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**[POSC 4379](#) Prerequisites: Junior Standing**Semester Offered**

Spring semester

**POSC 4380 : Global Conflict Resolution**

This course begins with the premise that conflict is a part of everyday life that spans across every inch of the globe and is found in all careers and relationships, so it is designed to be a practical course that provides a comprehensive overview of conflict resolution from a micro (person-to-person) to a global perspective. This course reviews the theoretical components while exploring conflict within different contexts, including intergroup, interpersonal, cross-cultural, legal, and international, by analyzing select global conflicts and learning to identify its primary and secondary participants. This course introduces positive conflict management skills, including active listening, communication skills, principled negotiation, facilitation, and peacekeeping skills. This skill-based course will explore how these variables and behavioral attributes have, and can, influence global conflicts through escalation and de-escalation. Upon completion of this course and attendance in class for at least 40 hours, as designated by Texas State Statute, graduate and undergraduate students will be able to mediate globally with their basic mediation certificate.

**Credits** 3**Course ID**

008686

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**[POSC 4380](#) Prerequisites: Junior Standing.**Semester Offered**

Spring semester

**POSC 4381 : International Security in East Asia**

This course will provide a broader understanding of security and geopolitics in East Asia. With the rise of China and the nuclear threat from North Korea, the security dynamics within and beyond East Asian states is of critical importance to both the United States and the world. To better comprehend such complex security dynamics in East Asia, this course will review the historical progress of diplomatic and security related interactions between East Asian countries, and their relations with the United States as well. After a profound understanding of the history is acquired, this course will guide students to analyze the current events and potential changes in this region and derive policy implications and strategic proposals for the East Asian countries and the United States.

**Credits** 3**Course ID**

008689

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**[POSC 4381](#) Prerequisites: Junior Standing.**Semester Offered**

Fall semester

**POSC 4391 : Internship in Political Science**

Practicum or on-the-job experience under the guidance of practicing specialists in the field. To be supervised individually by a department faculty member with the approval of the chair. Prerequisites: [POSC 2331](#), 2332.

**Credits** 3**Course ID**

001568

**Grading Basis**

Graded

**Course Component**

Internship

**Requisites**[POSC 4391](#) Prerequisites: [POSC 2331](#), 2332**POSC 4392 : Directed Reading/Independent Study in Political Science**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Prerequisites: [POSC 2331](#), 2332.

**Credits** 3**Course ID**

001574

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**[POSC 4392](#) Prerequisites: [POSC 2331](#), 2332

**POSC 4393 : Special Topics in Political Science**

Upper division treatment of selected topics of mutual interest to the professor and students. Prerequisites: [POSC 2331](#), 2332.

**Credits** 3

**Course ID**

001578

**Grading Basis**

Graded

**Course Component**

Special Topics

**Requisites**

[POSC 4393](#) Prerequisites: [POSC 2331](#), 2332

**POSC 4399 : Senior Thesis**

Research-based project open to political science majors and others with the permission of the department. Project topic to be approved and supervised by the department according to the standards and guidelines available from the department chair. Prerequisites: [POSC 2331](#), 2332.

**Credits** 3

**Course ID**

001586

**Grading Basis**

Graded

**Course Component**

Thesis Research

**Requisites**

[POSC 4399](#) Prerequisites: [POSC 2331](#), 2332, 3300, 3301

**Semester Offered**

Fall and spring semesters

**POSC 4491 : Internship in Political Science**

Practicum or on-the-job experience under the guidance of practicing specialists in the field. To be supervised individually by a department faculty member with the approval of the chair. Prerequisites: [POSC 2331](#), 2332.

**Credits** 4

**Course ID**

001569

**Grading Basis**

Graded

**Course Component**

Internship

**Requisites**

[POSC 4491](#) Prerequisites: [POSC 2331](#), 2332



**POSC 4492 : Directed Reading/Independent Study in Political Science**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Prerequisites: [POSC 2331](#), 2332.

**Credits** 4

**Course ID**

001575

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[POSC 4492](#) Prerequisites: [POSC 2331](#), 2332

**POSC 4691 : Internship in Political Science**

Practicum or on-the-job experience under the guidance of practicing specialists in the field. To be supervised individually by a department faculty member with the approval of the chair. Prerequisites: [POSC 2331](#), 2332.

**Credits** 6

**Course ID**

001571

**Grading Basis**

Graded

**Course Component**

Internship

**Requisites**

[POSC 4691](#) Prerequisites: [POSC 2331](#), 2332

## Sociology

**SOCI 1301 : Introductory Sociology**

A scientific study of human society, including ways in which groups, social institutions, and individuals affect each other. Causes of social stability and social change are explored through the application of various theoretical perspectives, key concepts, and related research methods of sociology.

**Credits** 3

**Course ID**

009359

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**SOCI 1331 : Principles of Sociology**

The study of people in interdependence. Identification of social groups and observation of their structures, functions, interactions and coordination. Particular emphasis on the social processes and the development of group values and attitudes.

**Credits** 3

**Course ID**

001654

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**SOCI 3330 : Transcultural Anthropology**

A survey of anthropological approaches to both the recurrent patterns and wide variation of conduct in diverse cultures. Particular emphasis will be placed on Bronislaw Malinowski's functional approach and Clifford Geertz' interpretive approach to the study of cultures.

**Credits** 3

**Course ID**

001658

**Grading Basis**

Graded

**Course Component**

Lecture

**SOCI 4191 : Internship in Sociology**

Practicum or on-the-job experience under the guidance of practicing specialists in the field. To be supervised individually by a department faculty member with the approval of the chair.

**Credits** 1

**Course ID**

001661

**Grading Basis**

Graded

**Course Component**

Internship

**Semester Offered**

Offered as needed

**SOCI 4192 : Directed Reading/Independent Study in Sociology**

Student research on a selected problem in the field under the guidance of an assigned member of the faculty.

Prerequisite: upper-division status.

**Credits** 1

**Course ID**

001667

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[SOCI 4192](#) Prerequisites: Junior Status

**Semester Offered**

Offered as needed

**SOCI 4193 : Special Topics in Sociology**

**Credits** 1

**Course ID**

005204

**Grading Basis**

Graded

**Course Component**

Special Topics

**SOCI 4291 : Internship in Sociology**

Practicum or on-the-job experience under the guidance of practicing specialists in the field. To be supervised individually by a department faculty member with the approval of the chair.

**Credits** 2

**Course ID**

001662

**Grading Basis**

Graded

**Course Component**

Internship

**Semester Offered**

Offered as needed

**SOCI 4292 : Directed Reading/Independent Study in Sociology**

Student research on a selected problem in the field under the guidance of an assigned member of the faculty.

Prerequisite: upper-division status.

**Credits** 2

**Course ID**

001668

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[SOCI 4292](#) Prerequisite: Junior Standing

**Semester Offered**

Offered as needed

**SOCI 4293 : Special Topics in Sociology**

**Credits** 2

**Course ID**

005208

**Grading Basis**

Graded

**Course Component**

Special Topics

**Semester Offered**

Offered as needed

**SOCI 4393 : Special Topics in Sociology**

**Credits** 3

**Course ID**

005214

**Grading Basis**

Graded

**Course Component**

Special Topics

**SOCI 4491 : Internship in Sociology**

Practicum or on-the-job experience under the guidance of practicing specialists in the field. To be supervised individually by a department faculty member with the approval of the chair.

**Credits** 4

**Course ID**

001664

**Grading Basis**

Graded

**Course Component**

Internship

**SOCI 4492 : Directed Reading/Independent Study in Sociology**

Student research on a selected problem in the field under the guidance of an assigned member of the faculty.

Prerequisite: upper-division status.

**Credits** 4

**Course ID**

001670

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[SOCI 4492](#) Prerequisites: Junior Standing

**SOCI 4493 : Special Topics in Sociology**

**Credits** 4

**Course ID**

005216

**Grading Basis**

Graded

**Course Component**

Lecture

**SOCI 4591 : Internship in Sociology**

Practicum or on-the-job experience under the guidance of practicing specialists in the field. To be supervised individually by a department faculty member with the approval of the chair.

**Credits** 5

**Course ID**

001665

**Grading Basis**

Graded

**Course Component**

Internship

**SOCI 4704 : Internship In Public Administ.**

**Credits** 7

**Course ID**

005220

**Grading Basis**

Graded

**Course Component**

Lecture

**SOCI 4705 : Internship In Public Administ.**

**Credits** 7

**Course ID**

005221

**Grading Basis**

Graded

**Course Component**

Lecture

# Mathematics

Department Chair: Dr. Jack Follis, [follisj@stthom.edu](mailto:follisj@stthom.edu)

Mathematics is one of the most permanent and universal of the liberal arts and sciences. The courses offered by the department recognize mathematics as the universal tool for the life, natural, and social sciences. The program's core consists of topics chosen to ensure students understand and appreciate the nature of mathematical thought and the role abstraction and logic play in it.

Computer science is one of the most dynamic and integral of the modern sciences. The courses offered by the department recognize computer science as a universal tool for innovation in various fields, including life, natural, and social sciences. The program's core consists of topics chosen to ensure students understand and appreciate the nature of computational thought and the role algorithms and programming play in it.

The Distinguished Student of Mathematics Scholarship Endowment Fund and the Dr. William A. and Margaret Reddie Endowed Scholarship in Mathematics provide financial assistance to majors in mathematics.

## **MATH 1314 : College Algebra**

The study of functions, and their graphs, inequalities, and linear, quadratic, piece-wise defined, rational, polynomial, exponential, and logarithmic functions.

**Credits** 3

**Course ID**

009357

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

## **MATH 1324 : Math for Business & Social Sciences**

The application of common algebraic functions, including polynomial, exponential, logarithmic, and rational, to problems in business, economics, and the social sciences are addressed. The applications include mathematics of finance, including simple and compound interest and annuities; systems of linear equations; matrices; linear programming; and probability, including expected value.

**Credits** 3

**Course ID**

009358

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall, spring, summer semesters

**MATH 1325 : The Nature of Mathematics**

This course is an exploration of great ideas of mathematics. The course describes the nature of mathematics and provides insights into various strategies used by mathematicians in solving problems. The course emphasizes creative and effective thinking through an introductory examination of a wide variety of topics such as number theory, geometry, infinity, topology, chaos and fractals, and decision making. Prerequisite: Acceptance in the Mendenhall Summer Institute. Co-Requisite: [ENGL 1311](#).

**Credits** 3

**Course ID**

007208

**Grading Basis**

Graded

**Course Component**

Lecture

**MATH 1351 : Finite Mathematics**

Topics from contemporary mathematics, their development, applications and role in society. Some typical topics, to be chosen by the instructor, include graph theory, mathematical finance, critical path analysis, statistical inference, coding, game theory and symmetry. Applications are in the management, natural and social sciences.

**Credits** 3

**Course ID**

001401

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**MATH 1353 : Mathematics for Economics and Business**

Mathematics of finance, linear equations, inequalities and mathematical models with emphasis on applications.

**Credits** 3

**Course ID**

001402

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**MATH 1355 : Fundamentals of Statistics**

An introduction to statistical reasoning focused on data collection, descriptive statistics, exploratory data analysis and simple linear regression. Other topics will include basic probability, normal distributions and fundamentals of hypothesis testing. This course is open only to students in the AAS-GENB program.

**Credits** 3

**Course ID**

009175

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Prerequisite: GENB-AAS Program Only

**Semester Offered**

Offered as needed

**MATH 1425 : Success Through Enhancement of Mathematical Skills (STEMS)**

Topics covered will include numerical evaluation of logarithms and the use of methods for working with them, the interpretation and manipulation of numbers in scientific notation; trigonometric functions; the quantitative interpretation and generation of graphs; the evaluation of ratios of numbers with integer exponents; the simplification of rational expressions, and the use of percentages; estimation methods without the use of calculators; dimensional analysis; trigonometric functions. The course emphasizes creative and effective problem solving techniques in a real world context and an enhancement of mathematical skills leading to greater achievement in STEM (Science, Engineering, Technology and Mathematics) courses. Prerequisite: Acceptance in the Mendenhall Summer Institute. Co-requisite: [UNIV 1201](#).

**Credits** 4

**Course ID**

007240

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Summer semester

**MATH 1430 : Pre-Calculus Algebra & Trigonometry**

An integrated review course in pre-calculus algebra and trigonometry covering function concepts and symbols, rectangular coordinates, linear and quadratic functions, polynomial and rational functions, trigonometric functions, inequalities, systems of equations, complex numbers and analytic geometry.

**Credits** 4

**Course ID**

001396

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall, spring, summer semesters



**MATH 1431 : Calculus I**

Limits, continuity, differentiation, integration and applications of both differentiation and integration.

**Credits** 4

**Course ID**

001403

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MATH 1431](#) Prerequisite: Grade of 'C' or better in [MATH 1430](#) or department consent.

**Semester Offered**

Fall and spring semesters

**MATH 1432 : Calculus II**

Transcendental functions, techniques of integration, applications of integration, parametric equations, polar coordinates, infinite sequences and series.

**Credits** 4

**Course ID**

006195

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MATH 1432](#) Prerequisite: Grade of 'C' or Better in [MATH 1431](#)

**Semester Offered**

Fall and spring semesters

**MATH 2330 : Introduction to Statistics for Nursing Research**

Provides students with the methods and logic to perform elementary statistical analysis used in clinical research including: descriptive measures, probability, sampling, normal distribution, Student t and Chi squared distributions, estimation and hypothesis testing, analysis of variance, regression and correlation.

**Credits** 3

**Course ID**

007413

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**MATH 2343 : Differential Equations I**

Basic concepts, theory, methods, and applications of ordinary differential equations.

**Credits** 3

**Course ID**

006183

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[MATH 2343](#) Prerequisite: [MATH 1432](#) with a grade of "C" or better

**Semester Offered**

Fall and spring semesters

**MATH 2370 : Introductory Statistics for Nursing Research**

Provides students with the methods and logic to perform elementary statistical analysis used in clinical research including: Descriptive measures, probability, sampling, normal distribution, Student t and Chi squared distributions, estimation and hypothesis testing, analysis of variance, regression and correlation.

**Credits** 3

**Course ID**

008841

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

PREABSN Required: PABSN Subplan

**MATH 2431 : Calculus III**

Vectors and the geometry of space, vector functions, partial derivatives, multiple integrals, Green's Theorem, curl and divergence, Stokes' Theorem, The Divergence Theorem.

**Credits** 4

**Course ID**

004434

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MATH 2431](#) Prerequisite: [MATH 1432](#) with a grade of "C" or better

**Semester Offered**

Fall and spring semesters

**MATH 2435 : Introduction to Statistical and Quantitative Analysis**

An introduction to quantitative and statistical analyses focusing on applications of algebraic and statistical methods. Topics to be covered include functions and graphs, break-even analysis, descriptive statistics, probability distributions, estimation, simple linear regression and basic hypothesis testing will be covered. This course may not be used as part of the mathematics courses required of mathematics majors.

**Credits** 4

**Course ID**

007853

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Spring semester

**MATH 2437 : Contemporary Mathematics for Elementary Teachers**

A modern approach to the mathematics commonly taught to young children. Theoretic bases for computation and measurement are established. The geometric properties of shapes and solids are explored both visually and through computations. The basics of theoretical and empirical probability are developed using models and manipulatives. Additional topics such as problem solving algorithms, elementary logic and statistics are introduced. Prerequisites: successful completion of a University core mathematics course. Does not satisfy the University core requirements in mathematics.

**Credits** 4

**Course ID**

006900

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Spring semester

**MATH 3193 : Special Topics in Mathematics**

Junior division treatment of selected topics of mutual interest to the faculty member and students. Prerequisite: Department Consent.

**Credits** 1

**Course ID**

006369

**Grading Basis**

Graded

**Course Component**

Special Topics

**MATH 3293 : Special Topics in Mathematics**

Junior division treatment of selected topics of mutual interest to the faculty member and students.

Prerequisite: Department Consent.

**Credits** 2

**Course ID**

006370

**Grading Basis**

Graded

**Course Component**

Special Topics

**MATH 3315 : Engineering Statistics and Probability**

Fundamental concepts of probability and statistics with a focus on engineering applications. Topics include descriptive statistics, hypothesis testing, random variables, probability distributions and functions of random variables.

**Credits** 3

**Course ID**

009682

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MATH 3315](#) Prerequisite: [MATH 1432](#) with a grade of 'C' or higher.

**Semester Offered**

Spring semester

**MATH 3332 : Elementary Statistical Methods for Economics & Business**

Basic concepts of statistics with emphasis on statistical inference. Sampling and experimentation, descriptive statistics, confidence intervals, probability, two-sample hypothesis tests for means and proportions, Chi-squared tests, linear and multiple regressions, analysis of variance. Not open to students with credit in [MATH 2434](#) or 3430. This course may not be used as part of the upper-division mathematics courses required of mathematics majors.

**Credits** 3

**Course ID**

001407

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**MATH 3334 : Linear Algebra I**

Matrices, inverses, linear systems, determinants, eigenvalues, eigenvectors, vector spaces, linear transformations, inner product spaces, Fourier series and orthogonal bases.

**Credits** 3

**Course ID**

001409

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MATH 3334](#) Prerequisite: [MATH 1432](#)

**Semester Offered**

Spring semester

**MATH 3335 : A First Course in Probability**

An elementary introduction to the mathematical theory of probability for students of mathematics, engineering and the sciences (including the social sciences and management science). Topics include combinatorial analysis, axioms of probability, conditional probability and independence, and random variables.

Prerequisite: [MATH 1432](#).

**Credits** 3

**Course ID**

001410

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MATH 3335](#) Prerequisite: [MATH 1432](#)

**Semester Offered**

Fall semester

**MATH 3337 : Modern Geometry**

A study of the foundations of Euclidean geometry; non-Euclidean geometry.

**Credits** 3

**Course ID**

001412

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MATH 3337](#) Prerequisite: Successful completion of any lower-division MATH course.

**Semester Offered**

Fall semester

**MATH 3339 : Topics in Numerical Analysis**

Numerical algorithms as applied to differential and integral calculus; stability and convergence of methods with error estimates.

**Credits** 3

**Course ID**

001414

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MATH 3339](#) Prerequisites: [MATH 1431](#), [COMSC 1450](#)

**Semester Offered**

Fall semester

**MATH 3343 : Differential Equations II**

Continuation of Math 2343. Power series solutions of differential equations and Bessel functions, Fourier series and transforms, matrices, systems of differential equations, introduction to generalized functions. Recommended for students interested in applications of mathematics and engineering.

**Credits** 3

**Course ID**

006532

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MATH 3343](#) Prerequisite: [MATH 2343](#)

**Semester Offered**

Spring semester

**MATH 3346 : History of Mathematics**

Evolution of mathematics from earliest to modern times. Major trends in mathematical thought, the interplay of mathematical and technological innovations, and the contributions of great mathematicians. Appropriate for prospective and in-service teachers.

**Credits** 3

**Course ID**

006157

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MATH 3346](#) Prerequisite: Successful completion of any lower-division MATH course.

**Semester Offered**

Fall semester

**MATH 3360 : Discrete Mathematics**

Analysis topics chosen at the discretion of the instructor from logic, set theory, combinatorics, and graph theory. Methods of enumerative combinatorics: sum, product, and division rules, bijective and recursive techniques, inclusion and exclusion, generating functions, and the finite difference calculus. Advanced topics to be selected from the theory of partitions, Polya theory, designs, and codes, graphs and trees with applications including games of complete information. Combinatorial existence theorems, Ramsey's theorem.

**Credits** 3

**Course ID**

006347

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MATH 3360](#) Prerequisite: [MATH 1431](#)

**Semester Offered**

Spring semester

**MATH 3371 : Introduction to Data Analytics**

Data analytics is a process that turns data into usable information for answering questions. This course will introduce the process of acquiring, managing and analyzing data. Readily available real-world data sets will be analyzed using supervised and unsupervised learning methods.

**Credits** 3

**Course ID**

008334

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[COMSC 3372](#) Prerequisite [MATH 2435](#), or [MATH 3332](#), or [MATH 3450](#), or [PSYC 3433](#)

**MATH 3372 : Data Visualization**

Appropriate visualizations of data are a key to revealing patterns and communicating important findings in research. This course will build on statistical and analytical thinking by emphasizing the role and use of visualizations in the analysis of data. Theories, techniques and software for managing, exploring, analyzing, displaying and communicating information about various types of data will be introduced. Visualizations will be produced using readily available real-world data sets.

**Credits** 3

**Course ID**

008351

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[COMSC 3372](#) Prerequisite [MATH 2435](#), or [MATH 3332](#), or [MATH 3450](#), or [PSYC 3433](#)

**MATH 3393 : Special Topics in Mathematics**

Junior division treatment of selected topics of mutual interest to the faculty member and students.

Prerequisite: Department Consent.

**Credits** 3

**Course ID**

006371

**Grading Basis**

Graded

**Course Component**

Special Topics

**MATH 3450 : Biostatistics I**

Basic concepts leading to advanced applications in biostatistics. Topics include study design, data collection, descriptive statistics, probability and probability distributions, confidence intervals, hypothesis testing, power of statistical tests, and simple regression with an emphasis on applications in the biomedical sciences and biomedical research. Data will be analyzed using statistical software packages. Students may be required to register for MATH 1050 for this course.

**Credits** 4

**Course ID**

007483

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MATH 3450](#) Pre/Corequisites: Six hours of MATH, BIOL, CHEM, PHYS, ENGR or PSYC.

**Semester Offered**

Fall and spring semesters

**MATH 3493 : Special Topics in Mathematics**

Junior division treatment of selected topics of mutual interest to the faculty member and students.

Prerequisite: Department Consent.

**Credits** 4

**Course ID**

006372

**Grading Basis**

Graded

**Course Component**

Special Topics

**MATH 4191 : Internship in Mathematics**

**Credits** 1

**Course ID**

008919

**Grading Basis**

Graded

**Course Component**

Internship



**MATH 4192 : Directed Reading/Independent Study in Mathematics**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Prerequisite: consent of chair.

**Credits** 1

**Course ID**

001421

**Grading Basis**

Graded

**Course Component**

Independent Study

**MATH 4193 : Special Topics in Mathematics**

Upper-division treatment of selected topics of mutual interest to the faculty member and students.

Prerequisite: consent of chair.

**Credits** 1

**Course ID**

001425

**Grading Basis**

Graded

**Course Component**

Special Topics

**MATH 4292 : Directed Reading/Independent Study in Mathematics**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Prerequisite: consent of chair.

**Credits** 2

**Course ID**

001422

**Grading Basis**

Graded

**Course Component**

Independent Study

**MATH 4293 : Special Topics in Mathematics**

Upper-division treatment of selected topics of mutual interest to the faculty member and students.

Prerequisite: consent of chair.

**Credits** 2

**Course ID**

001426

**Grading Basis**

Graded

**Course Component**

Special Topics

**MATH 4331 : Real Analysis I**

Introduction to concepts and methods basic to real analysis. Topics such as the real number system, sequences, continuity, uniform continuity, differentiation, infinite series and integration.

**Credits** 3

**Course ID**

001429

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MATH 4331](#) Prerequisite [MATH 2431](#)

**Semester Offered**

Fall semester

**MATH 4332 : Real Analysis II**

Continuation of Math 4331 covering such topics as uniform convergence and functions of several variables. Strongly recommended for students planning to enter graduate school or secondary teaching and those interested in applied mathematics.

**Credits** 3

**Course ID**

001415

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MATH 4332](#) Prerequisite: [MATH 4331](#)

**Semester Offered**

Spring semester

**MATH 4335 : Topology**

The basics of point-set topology. Open and closed sets, limit points, topological spaces, countability, compactness, connectedness, metrics and metric topologies.

**Credits** 3

**Course ID**

001430

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MATH 4335](#) Prerequisite: [MATH 2431](#) and [MATH 3334](#)

**Semester Offered**

Spring semester

**MATH 4336 : Complex Analysis**

Calculus of a function of a complex variable. Prerequisite: [MATH 2431](#)

**Credits** 3

**Course ID**

001431

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MATH 4336](#) Prerequisite: [MATH 2431](#)

**Semester Offered**

Spring semester

**MATH 4338 : Abstract Algebra I**

Fundamental algebraic systems including groups, rings and fields. The structure of a system as a set with its operations and relationships between systems.

**Credits** 3

**Course ID**

006184

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MATH 4338](#) Prerequisite: [MATH 3360](#)

**Semester Offered**

Fall semester

**MATH 4339 : Abstract Algebra II**

Direct products, Sylow theory, ideals, extensions of rings, factorization of ring elements, modules, and Galois theory.

**Credits** 3

**Course ID**

006536

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MATH 4339](#) Prerequisite: [MATH 4338](#)

**Semester Offered**

Spring semester

**MATH 4341 : Linear Algebra II**

Continuation of Math 2341. Linear transformations and similarity, eigenvalues and diagonalization, complex vector spaces, unitary and self-adjoint matrices, Spectral Theorem, Jordan canonical form. Selected topics in linear programming, convexity, numerical methods, and functional analysis.

**Credits** 3

**Course ID**

006537

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MATH 4341](#) Prerequisites: [MATH 3334](#)

**Semester Offered**

Spring semester

**MATH 4343 : Introduction to Partial Differential Equations**

Mathematical formulation of physical laws. Existence and uniqueness for Cauchy and Dirichlet problems; classification of equations; potential-theoretic methods; other topics at the discretion of the instructor. Recommended for students interested in applications of mathematics and engineering.

**Credits** 3

**Course ID**

006538

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MATH 4343](#) Prerequisites: [MATH 2343](#)

**Semester Offered**

Spring semester

**MATH 4344 : Mathematical Modeling**

This course provides an introduction to developing mathematics models from real world situations through discussion of a series of examples, and hands-on exercises and projects that make use of a range of continuous and discrete mathematical tools.

**Credits** 3

**Course ID**

008543

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MATH 4344](#) Prerequisites: [MATH 2343](#) and [MATH 3334](#)

**Semester Offered**

Fall semester

**MATH 4350 : Biostatistics II**

Application and extension of Biostatistics I with a focus on advanced statistical concepts which recur in biomedical research literature; multiple regression, logistic regression and survival analysis. Other topics may include time series analysis and clinical trials. Practical experience with the widely used statistical research software package R. Emphasis on realistic data typically encountered in applications of biostatistics.

**Credits** 3

**Course ID**

007493

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MATH 4350](#) Prerequisites: [MATH 2435](#), [MATH 3332](#), [MATH 3450](#), [PSYC 3433](#).

**Semester Offered**

Spring semester

**MATH 4370 : Capstone Project**

The student will work with faculty supervision and undertake a research project. The project will culminate in a tangible product such as a paper, a presentation or a research poster.

**Credits** 3

**Course ID**

008544

**Grading Basis**

Graded

**Course Component**

Seminar

**Semester Offered**

Spring semester

**MATH 4381 : Advance Topics in Applied Statistics**

Advanced methods and/or applications of material learned in statistics courses. May be repeated for credit.

**Credits** 3

**Course ID**

007687

**Grading Basis**

Graded

**Course Component**

Lecture

**MATH 4391 : Internship in Mathematics**

**Credits** 1

-3

**Course ID**

008189

**Grading Basis**

Graded

**Course Component**

Internship

**MATH 4392 : Directed Reading/Independent Study in Mathematics**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Prerequisite: consent of chair.

**Credits** 3

**Course ID**

001423

**Grading Basis**

Graded

**Course Component**

Independent Study

**MATH 4393 : Special Topics in Mathematics**

Upper-division treatment of selected topics of mutual interest to the faculty member and students.

Prerequisite: consent of chair.

**Credits** 3

**Course ID**

001427

**Grading Basis**

Graded

**Course Component**

Special Topics

**MATH 4492 : Directed Reading/Independent Study in Mathematics**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Prerequisite: consent of chair.

**Credits** 4

**Course ID**

001424

**Grading Basis**

Graded

**Course Component**

Independent Study

**MATH 4493 : Special Topics in Mathematics**

Upper-division treatment of selected topics of mutual interest to the faculty member and students.

Prerequisite: consent of chair.

**Credits** 4

**Course ID**

001428

**Grading Basis**

Graded

**Course Component**

Special Topics

# Computer Science

## **COMSC 1450 : Introduction to Programming and Computer Science**

Students will learn to analyze computational problems and develop solutions to them as algorithms. The algorithms will be implemented in Python, a modern programming language. Students will learn the fundamental principles of computer science, basic hardware and software components of a computer system, computational thinking, basic algorithms, and programming. Students will get hands-on experience in problem solving by designing, writing, testing and debugging Python programs.

**Credits** 4

**Course ID**

007185

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

## **COMSC 1451 : Object Oriented Programming**

Software is everywhere, including enterprise systems, mobile devices, avionics, sensors, and big data. This course focuses on Object Oriented Programming (Java) and its key concepts: object, classes, encapsulation, abstraction, polymorphism, and inheritance. In addition, topics such as generics, interfaces, threads and events/listeners complement the software development process.

**Credits** 4

**Course ID**

007186

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[COMSC 1451](#) Prerequisite: [COMSC 1450](#)

**Semester Offered**

Spring semester

**COMSC 2351 : Data Structures**

Continuation of COMSC 1351: Introduction to abstract data types, records, linked lists, stacks, queues and trees and graphs; recursion; analysis of algorithms; additional sorting and searching techniques.

**Credits** 3

**Course ID**

007187

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[COMSC 2351](#) Prerequisite: [COMSC 1451](#)

**Semester Offered**

Fall semester

**COMSC 3055 : Computational Methods Research**

This course will introduce students into different methods, techniques, and approaches for conducting computational research applied to different disciplines such as Biology, Health Sciences, Textual Analysis, Humanities, and more.

**Credits** 0

**Course ID**

009154

**Grading Basis**

Pass/Fail Option

**Course Component**

Research

**Semester Offered**

Fall and spring semesters

**COMSC 3365 : Organization of Computer Programming Languages**

The organization of programming languages with emphasis on language semantics; language definition, data types, and control structures of various languages. Principles of object oriented and functional programming and the translation and execution of programs.

**Credits** 3

**Course ID**

007189

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[COMSC 3365](#) Prerequisites: [COMSC 1451](#)

**Semester Offered**

Spring semester



**COMSC 3371 : Introduction to Data Analytics**

Data analytics is a process that turns data into usable information for answering questions. This course will introduce the process of acquiring, managing and analyzing data. Readily available real-world data sets will be analyzed using supervised and unsupervised learning methods.

**Credits** 3

**Course ID**

008335

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[COMSC 3372](#) Prerequisite [MATH 2435](#), or [MATH 3332](#), or [MATH 3450](#), or [PSYC 3433](#)

**COMSC 3372 : Data Visualization**

Appropriate visualizations of data are a key to revealing patterns and communicating important findings in research. This course will build on statistical and analytical thinking by emphasizing the role and use of visualizations in the analysis of data. Theories, techniques and software for managing, exploring, analyzing, displaying and communicating information about various types of data will be introduced. Visualizations will be produced using readily available real-world data sets.

**Credits** 3

**Course ID**

008352

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[COMSC 3372](#) Prerequisite [MATH 2435](#), or [MATH 3332](#), or [MATH 3450](#), or [PSYC 3433](#)

**COMSC 3375 : Database Systems**

Organization concepts and terminology of data models and the underlying data structures needed to support them. Thorough presentation of the relational database management system including an introduction to SQL programming, normalization and database design. Introduction to the programming interface to databases.

**Credits** 3

**Course ID**

007190

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[COMSC 3375](#) Prerequisites: [COMSC 1451](#)

**Semester Offered**

Spring semester

**COMSC 3385 : Computer Architecture**

Introduction to digital logic, machine representation of data, assembly programming, processor design, memory organization, and interface communication.

**Credits** 3

**Course ID**

007191

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[COMSC 3385](#) Prerequisites: [COMSC 1451](#)

**Semester Offered**

Fall semester

**COMSC 4101 : Computer Science Seminar**

Presentations and discussions on current and emerging issues, topics and trends in computer science.

**Credits** 1

**Course ID**

009383

**Grading Basis**

Graded

**Course Component**

Seminar

**Semester Offered**

Offered as needed

**COMSC 4191 : Internship**

Practicum of on-the-job experience under the guidance of a practicing specialist in the field. This course is designed to provide opportunities for students to enhance their practical skills through application of classroom concepts and theories to real life situations. To be supervised individually by a department faculty member with the approval of the department chair.

**Credits** 1

**Course ID**

003300

**Grading Basis**

Graded

**Course Component**

Lecture

**COMSC 4193 : Special Topic in Computer Science**

Systematic analysis and discussion of selected topics of contemporary and current interest.

**Credits** 1

**Course ID**

008954

**Grading Basis**

Graded

**Course Component**

Special Topics

**COMSC 4291 : Internship****Credits** 2**Course ID**

003299

**Grading Basis**

Graded

**Course Component**

Lecture

**COMSC 4292 : Special Topics in Computer Science**Topics of special interest chosen by the instructor. Prerequisite: [COMSC 2351](#).**Credits** 2**Course ID**

008148

**Grading Basis**

Graded

**Course Component**

Lecture

**COMSC 4320 : Operating Systems**

A study of concurrency, process scheduling, memory management, security and device management. Topics in system support for parallelism, virtualization and reliability.

**Credits** 3**Course ID**

007648

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**[COMSC 4320](#) Prerequisites: [COMSC 3385](#)**Semester Offered**

Spring semester

**COMSC 4330 : Human and Social Factors**

Topics include human interaction with computers, user interface design, professional ethics, sustainability, security policy, computer crime and law, and history of computing.

**Credits** 3**Course ID**

007649

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall semester

**COMSC 4340 : Computer Networks**

An introduction to the design and analysis of computer communication networks. Topics included application layer protocols, Internet protocols, network interfaces, local and wide area networks, wireless networks, bridging and routing, and current topics. Prerequisites: COMSC 1351

**Credits** 3

**Course ID**

008349

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[COMSC 4340](#) Prerequisite: [COMSC 1451](#)

**COMSC 4345 : Foundations of Data Science**

Data science is an emerging discipline whose main goal is extracting information and knowledge from datasets and using it for decision-making, answering questions, or understanding phenomena. The fundamentals of Data Science will be studied from three perspectives; 1) as a collection of disciplines: exploring the interconnections between computing, mathematics, statistics, visualization, and other domains; 2) as a process: learning the life cycle in a data science project; and 3) understanding its computational foundation. This course also addresses the potential negative impact algorithms can have on people and society.

**Credits** 3

**Course ID**

008754

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[COMSC 4345](#) Prerequisites: [COMSC 3375](#)

**Semester Offered**

Fall semester

**COMSC 4350 : System Development Project**

This course is intended as a capstone. Topics include software project management, software design, reliability, verification and validation. The course includes the team development of a software system.

**Credits** 3

**Course ID**

003054

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Prerequisite: Senior Standing

**Semester Offered**

Spring semester

**COMSC 4391 : Internship**

Practicum of on-the-job experience under the guidance of a practicing specialist in the field. This course is designed to provide opportunities for students to enhance their practical skills through application of classroom concepts and theories to real life situations. To be supervised individually by a department faculty member with the approval of the department chair.

**Credits** 3

**Course ID**

003298

**Grading Basis**

Pass/Fail Option

**Course Component**

Internship

**COMSC 4392 : Special Topics in Computer Science**

Topics of special interest chosen by the instructor. Prerequisite: [COMSC 2351](#).

**Credits** 3

**Course ID**

007192

**Grading Basis**

Graded

**Course Component**

Special Topics

**COMSC 4393 : Special Projects with Department Chair Approval**

Upper-division treatment of selected topics of mutual interest to the faculty member and students.

Prerequisite: Consent of Department Chair.

**Credits** 3

**Course ID**

008067

**Grading Basis**

Graded

**Course Component**

Special Topics

# Mathematics

## **MATH 1331 : Pre-Cal Algebra & Trigonometry**

An integrated review course in pre-calculus algebra and trigonometry covering function concepts and symbols, rectangular coordinates, linear and quadratic functions, polynomial and rational functions, trigonometric functions, inequalities, systems of equations, complex numbers and analytic geometry.

**Credits** 3

**Course ID**

001396

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall semester

Spring semester

# Modern and Classical Languages

## **MACL 1301 : Critical Language**

Provide the directed student with specific vocabulary, structure, and cultural insight via individualized computer-based study. Using native-speaker tutors, the course emphasizes both interaction between the English-speaking and the target language-speaking communities, as well as access to target language sources. Intended as an introduction to the language and culture of a selected country especially for students participating in a study abroad program or an area studies program. Consult department chair for availability.

**Credits** 3

**Course ID**

006114

**Grading Basis**

Graded

**Course Component**

Lecture

## **MACL 1302 : Critical Languages (Vary)**

Provide the directed student with specific vocabulary, structure, and cultural insight via individualized computer-based study. Using native-speaker tutors, the course emphasizes both interaction between the English-speaking and the target language-speaking communities, as well as access to target language sources. Intended as an introduction to the language and culture of a selected country especially for students participating in a study abroad program or an area studies program. Consult department chair for availability.

**Credits** 3

**Course ID**

006115

**Grading Basis**

Graded

**Course Component**

Lecture

**MACL 1331 : Elementary Language I (Vary)**

Provide the student with vocabulary, grammar and cultural insight via an introduction to a less-commonly-taught target language and associated cultures.

**Credits** 3

**Course ID**

006674

**Grading Basis**

Graded

**Course Component**

Lecture

**MACL 1332 : Elementary Language II (Vary)**

Provide the student with vocabulary, grammar and cultural insight via an introduction to a less-commonly-taught target language and associated cultures.

**Credits** 3

**Course ID**

006675

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MACL 1332](#) Prerequisite: [MACL 1331](#)

**MACL 2331 : Intermediate Language I**

**Credits** 3

**Course ID**

006960

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MACL 2331](#) Preerequisite: [MACL 1332](#)

**MACL 2332 : Intermediate Language II**

Intermediate Language II

**Credits** 3

**Course ID**

006961

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MACL 2332](#) Prerequisite: [MACL 2331](#)

**MACL 4193 : Special Topics in Modern & Classical Languages**

Upper-division treatment of selected topics of mutual interest to the faculty member and students.

Prerequisite: permission of chair.

**Credits** 1

**Course ID**

006606

**Grading Basis**

Graded

**Course Component**

Lecture

**MACL 4372 : Culture in Translation**

This course intends to foster the development of students who have raised cultural consciousness, i.e., a familiarity with, an appreciation for, and an ability to interpret and evaluate/critique culture in general and to apply all of the aforementioned to a specific cultural milieu and perspective from its origins through the present.

**Credits** 3

**Course ID**

006778

**Grading Basis**

Graded

**Course Component**

Seminar

**MACL 4392 : Directed Reading/Independent Study**

Supervised work done under the direction of a faculty member of the department. Permission of the chair required. May be repeated under a different title.

**Credits** 3

**Course ID**

004427

**Grading Basis**

Graded

**Course Component**

Independent Study

**MACL 4393 : Special Topics: Perspectives of Literature in Translation**

Taught in English by specialists in foreign languages and literatures, this course offers unique insights into literature from perspectives within and across cultural boundaries as well as into the problematic of translation itself. Original language, content and theme vary. Prerequisite: Permission of the department chair.

**Credits** 3

**Course ID**

002935

**Grading Basis**

Graded

**Course Component**

Lecture



# Arabic

## **ARAB 1331 : Elementary Arabic I**

**Credits** 3

**Course ID**

006956

**Grading Basis**

Graded

**Course Component**

Lecture

## **ARAB 1332 : Elementary Arabic II**

**Credits** 3

**Course ID**

006957

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARAB 1332](#) Prerequisite: [ARAB 1331](#)

## **ARAB 2331 : Intermediate Arabic I**

**Credits** 3

**Course ID**

007040

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ARAB 2331](#) Prerequisite: [ARAB 1332](#)

## **ARAB 4393 : Special Topics**

**Credits** 3

**Course ID**

007046

**Grading Basis**

Graded

**Course Component**

Special Topics

# Chinese

## **CHIN 1331 : Elementary Mandarin Chinese I**

**Credits** 3

**Course ID**

002572

**Grading Basis**

Graded

**Course Component**

Lecture

## **CHIN 1332 : Elementary Mandarin Chinese II**

**Credits** 3

**Course ID**

006951

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[CHIN 1332](#) Prerequisite: [CHIN 1331](#)

## **CHIN 2331 : Intermediate Mandarin Chinese I**

**Credits** 3

**Course ID**

007039

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[CHIN 2331](#) Prerequisite: [CHIN 1332](#)

## **CHIN 2332 : Intermediate Mandarin Chinese II**

**Credits** 3

**Course ID**

006952

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[CHIN 2332](#) Prerequisite: [CHIN 2331](#)

**CHIN 4392 : Directed Reading/Independent Study in Chinese**

Independent study or directed reading study under a faculty member's direction.

**Credits** 3

**Course ID**

009621

**Grading Basis**

Graded

**Course Component**

Independent Study

**Semester Offered**

Fall and spring semesters

**CHIN 4393 : Special Topics in Chinese**

Upper-division treatment of a selected topic of mutual interest to the faculty member and students.

**Credits** 3

**Course ID**

006953

**Grading Basis**

Graded

**Course Component**

Special Topics

## Classics

Dealing directly with the classical texts, students return to the beginnings of a philosophical, political and literary tradition that spans three millennia. The goal is to provide a cultural and artistic understanding of classical civilizations and to equip students with the grammatical skills necessary to handle competently ancient Latin and Greek texts of a moderate complexity.

**CLASS 1302 : Intro to Biblical Greek II**

Continuation of Biblical Greek I: reading biblical texts; emphasis on continued vocabulary building and understanding of more complex grammatical points. Spring, odd years. Offered at the St. Mary's Seminary campus only.

**Credits** 3

**Course ID**

003985

**Grading Basis**

Graded

**Course Component**

Lecture

**CLASS 1303 : Intro Biblical Hebrew I**

For those with no background in the language. Emphasis on basic grammar, syntax and vocabulary building to enable the student to read biblical texts. Fall, odd years. Offered at the St. Mary's Seminary campus only.

**Credits** 3

**Course ID**

002535

**Grading Basis**

Graded

**Course Component**

Lecture

**CLASS 1331 : Introduction to Latin I**

**Credits** 3

**Course ID**

004288

**Grading Basis**

Graded

**Course Component**

Lecture

**CLASS 1332 : Introduction to Latin II**

**Credits** 3

**Course ID**

004289

**Grading Basis**

Graded

**Course Component**

Lecture

**CLASS 1333 : New Testament Greek I**

**Credits** 3

**Course ID**

004290

**Grading Basis**

Graded

**Course Component**

Lecture

**CLASS 1334 : New Testament Greek II**

**Credits** 3

**Course ID**

004291

**Grading Basis**

Graded

**Course Component**

Lecture

**CLASS 1341 : Introduction to Classical Greek I**

An introduction to the morphology and syntax of Classical Greek with selected readings from Classical Greek literature and the New Testament,

**Credits** 3

**Course ID**

001099

**Grading Basis**

Graded

**Course Component**

Lecture

**CLASS 1342 : Introduction to Classical Greek II**

A continuation of 1341 with selected readings from Classical Greek literature and the New Testament.

**Credits** 3

**Course ID**

001100

**Grading Basis**

Graded

**Course Component**

Lecture

**CLASS 2312 : Intermediate Greek II**

**Credits** 3

**Course ID**

004292

**Grading Basis**

Graded

**Course Component**

Lecture

**CLASS 2331 : Intermediate College Latin**

Readings of Classical Latin texts in prose and poetry.

**Credits** 3

**Course ID**

001092

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[CLASS 2331](#) Prerequisites: [CLASS 1331](#), 1332

**CLASS 2331 : Intermediate Greek**

**Credits** 3

**Course ID**

004293

**Grading Basis**

Graded

**Course Component**

Lecture

**CLASS 2332 : Intermediate College Latin**

A continuation of Latin 2331 with increasingly more difficult Latin prose and poetry selections.

**Credits** 3

**Course ID**

001093

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[CLASS 2332](#) Prerequisite: [CLASS 2331](#)

**CLASS 2332 : Intermediate Greek II**

**Credits** 3

**Course ID**

004294

**Grading Basis**

Graded

**Course Component**

Lecture

**CLASS 2336 : Classical Archaeology**

A chronological overview of selected sites in the ancient Greek and Roman world investigating the pertinent archaeological findings and their significance in the shaping of our understanding of classical culture. Provision is made for interested students to do summer archaeology in Italy and Greece.

**Credits** 3

**Course ID**

001110

**Grading Basis**

Graded

**Course Component**

Lecture

**CLASS 2341 : Readings in Classical Greek Prose**

A reading of Plato's Euthyphro.

**Credits** 3

**Course ID**

003986

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[CLASS 2341](#) Prerequisites: [CLASS 1341](#), 1342

**CLASS 2342 : Readings in Classical Greek Prose**

A reading of Plato's Apology.

**Credits** 3

**Course ID**

001101

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[CLASS 2342](#) Prerequisite: [CLASS 2341](#)

**CLASS 2351 : Accelerated Introductory Latin**

A course designed for those students, such as graduate students, who may need to quickly acquire a working knowledge of Latin for their primary field of study.

**Credits** 3

**Course ID**

001094

**Grading Basis**

Graded

**Course Component**

Lecture

**CLASS 3320 : Greek Mythology**

This course explores the impact of literature

**Credits** 3

**Course ID**

007529

**Grading Basis**

Graded

**Course Component**

Lecture

**CLASS 3321 : Greek Tragedy**

**Credits** 3

**Course ID**

007530

**Grading Basis**

Graded

**Course Component**

Lecture

**CLASS 3331 : Greek Drama and History**

**Credits** 3

**Course ID**

004295

**Grading Basis**

Graded

**Course Component**

Lecture

**CLASS 3332 : Greek Drama and History II**

**Credits** 3

**Course ID**

004296

**Grading Basis**

Graded

**Course Component**

Lecture

**CLASS 3341 : Readings in Classical Greek**

A reading of Euripides' Medea.

**Credits** 3

**Course ID**

001102

**Grading Basis**

Graded

**Course Component**

Lecture

**CLASS 3341 : Directed Readings in Greek Lit**

**Credits** 3

**Course ID**

004297

**Grading Basis**

Graded

**Course Component**

Lecture

**CLASS 3342 : Directed Readings in Greek Lit**

**Credits** 3

**Course ID**

004298

**Grading Basis**

Graded

**Course Component**

Lecture

**CLASS 3342 : Readings in Classical Greek**

A reading of Euripides' Hippolytus.

**Credits** 3

**Course ID**

001103

**Grading Basis**

Graded

**Course Component**

Lecture



**CLASS 4182 : Directed Reading/Independent Study in Latin**

Student research on a selected problem in the field, pursued under the guidance of an assigned member of the faculty. Prerequisite: permission of program chair.

**Credits** 1

**Course ID**

002012

**Grading Basis**

Graded

**Course Component**

Independent Study

**CLASS 4183 : Special Topics in Latin**

Upper-division treatment of selected topics of mutual interest to the faculty member and students.

Prerequisite: permission of program chair.

**Credits** 1

**Course ID**

002015

**Grading Basis**

Graded

**Course Component**

Special Topics

**CLASS 4192 : Directed Reading/Independent Study in Greek**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Prerequisite: permission of program chair.

**Credits** 1

**Course ID**

002021

**Grading Basis**

Graded

**Course Component**

Independent Study

**CLASS 4193 : Special Topics in Greek**

Upper-division treatment of selected topics of mutual interest to the faculty member and student.

Prerequisite: permission of program chair.

**Credits** 1

**Course ID**

002018

**Grading Basis**

Graded

**Course Component**

Special Topics

**CLASS 4282 : Directed Reading/Independent Study in Latin**

Student research on a selected problem in the field, pursued under the guidance of an assigned member of the faculty. Prerequisite: permission of program chair.

**Credits** 2

**Course ID**

002013

**Grading Basis**

Graded

**Course Component**

Independent Study

**CLASS 4283 : Special Topics in Latin**

Upper-division treatment of selected topics of mutual interest to the faculty member and students.

Prerequisite: permission of program chair.

**Credits** 2

**Course ID**

002016

**Grading Basis**

Graded

**Course Component**

Special Topics

**CLASS 4292 : Directed Reading/Independent Study in Greek**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Prerequisite: permission of program chair.

**Credits** 2

**Course ID**

003993

**Grading Basis**

Graded

**Course Component**

Independent Study

**CLASS 4293 : Directed Reading/Independent Study in Greek**

Upper division treatment of selected topics of mutual interest to the professor and students.

**Credits** 2

**Course ID**

002022

**Grading Basis**

Graded

**Course Component**

Independent Study

**CLASS 4307 : Ecclesiastical Latin I**

Preparation to read liturgical, patristic and conciliar texts. On demand. Offered at the St. Mary's Seminary campus only.

**Credits** 3

**Course ID**

002536

**Grading Basis**

Graded

**Course Component**

Lecture

**CLASS 4320 : Greek Mythology: Literature and the Evolution of Myth**

This course explores the impact of literature on the development and interpretation of Ancient Greek mythology. In addition to a study of the traditional stories and characters of Greek mythology, this course will examine how ancient poets and playwrights used myth to explore the relationship between human beings and the divine.

**Credits** 3

**Course ID**

007531

**Grading Basis**

Graded

**Course Component**

Lecture

**CLASS 4321 : Greek Tragedy**

This course examines the nature of Greek Tragedy, its impact on the ancient Greek world, and its ability to serve as a means to explore such essential questions as human mortality, the relationship between fate and free-will, and humanity's relationship with the divine.

**Credits** 3

**Course ID**

007593

**Grading Basis**

Graded

**Course Component**

Lecture

**CLASS 4331 : Readings in Greek Literature**

**Credits** 3

**Course ID**

004299

**Grading Basis**

Graded

**Course Component**

Lecture

**CLASS 4333 : Love from Ovid to Aquinas**

The goal of this course is to examine the transformation of the classical concept of love depicted in Ovid to the Christian concept as expressed by Augustine, Bernard of Clairvaux, and Thomas Aquinas. All readings will be in Latin.

**Credits** 3

**Course ID**

007874

**Grading Basis**

Graded

**Course Component**

Lecture

**CLASS 4334 : Heroes and Saints**

This course will examine the relationship between the classical hero and the Christian saint. By reading passages from Classical and Christian Latin, students will learn both the similarities and differences between these two celebrated groups.

**Credits** 3

**Course ID**

008077

**Grading Basis**

Graded

**Course Component**

Lecture

**CLASS 4335 : The Stoic and the Saint**

Does happiness consist in autonomy or is grace required? This course will examine two responses to this question by comparing the letters of the stoic Seneca and the writings of St. Augustine.

**Credits** 3

**Course ID**

008079

**Grading Basis**

Graded

**Course Component**

Lecture

**CLASS 4341 : Directed Readings in Greek Lit**

**Credits** 3

**Course ID**

004301

**Grading Basis**

Graded

**Course Component**

Lecture

**CLASS 4342 : Directed Readings in Greek Lit**

**Credits** 3

**Course ID**

004302

**Grading Basis**

Graded

**Course Component**

Lecture

**CLASS 4343 : Transcendence in the Gospel of St. John and the Myths of Plato**

The goal of this course is to examine similarities and differences in the idea of transcendence in St. John's Gospel and the myths of Plato. This course will focus on both reading the original Greek texts and investigating the major themes found within. All readings will be in Ancient Greek.

**Credits** 3

**Course ID**

007875

**Grading Basis**

Graded

**Course Component**

Lecture

**CLASS 4344 : Poets and Prophets**

This course will examine the topic of divine inspiration as exhibited in the classical poet and the Christian prophet.

**Credits** 3

**Course ID**

008078

**Grading Basis**

Graded

**Course Component**

Lecture

**CLASS 4345 : Eros and Agape**

This course will examine the complex nature of love in the classical world. Students will explore the similarities and key differences between classical eros and Christian agape.

**Credits** 3

**Course ID**

008080

**Grading Basis**

Graded

**Course Component**

Lecture

**CLASS 4372 : Directed Reading/Independent Study in Classics**

Directed studies that concern classical topics other than Greek or Latin

**Credits** 3

**Course ID**

008354

**Grading Basis**

Graded

**Course Component**

Lecture

**CLASS 4373 : Special Topics in Classic**

Special topics that concern classical topics other than Greek or Latin

**Credits** 3

**Course ID**

008355

**Grading Basis**

Graded

**Course Component**

Lecture

**CLASS 4382 : Directed Reading/Independent Study in Latin**

Student research on a selected problem in the field, pursued under the guidance of an assigned member of the faculty. Prerequisite: permission of program chair.

**Credits** 3

**Course ID**

002014

**Grading Basis**

Graded

**Course Component**

Independent Study

**CLASS 4383 : Special Topics in Latin**

Upper-division treatment of selected topics of mutual interest to the faculty member and students.

Prerequisite: permission of program chair.

**Credits** 3

**Course ID**

002017

**Grading Basis**

Graded

**Course Component**

Special Topics

**CLASS 4392 : Directed Reading/Independent Study in Greek**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Prerequisite: permission of program chair.

**Credits** 3

**Course ID**

002023

**Grading Basis**

Graded

**Course Component**

Independent Study

**CLASS 4393 : Special Topics in Greek**

Upper-division treatment of selected topics of mutual interest to the faculty member and student.

Prerequisite: permission of program chair.

**Credits** 3

**Course ID**

002020

**Grading Basis**

Graded

**Course Component**

Special Topics

**CLASS 4482 : Directed Reading/Independent Study in Latin**

Student research on a selected problem in the field, pursued under the guidance of an assigned member of the faculty. Prerequisite: permission of program chair.

**Credits** 4

**Course ID**

001095

**Grading Basis**

Graded

**Course Component**

Independent Study

**CLASS 4483 : Special Topics in Latin**

Upper-division treatment of selected topics of mutual interest to the faculty member and students.

Prerequisite: permission of program chair.

**Credits** 4

**Course ID**

001096

**Grading Basis**

Graded

**Course Component**

Lecture

**CLASS 4492 : Directed Reading/Independent Study in Greek**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Prerequisite: permission of program chair.

**Credits** 4

**Course ID**

001104

**Grading Basis**

Graded

**Course Component**

Independent Study

**CLASS 4493 : Special Topics in Greek**

Upper-division treatment of selected topics of mutual interest to the faculty member and student.

Prerequisite: permission of program chair.

**Credits** 4

**Course ID**

001105

**Grading Basis**

Graded

**Course Component**

Lecture

## Foreign Language

**LANG 1001 : Arabic Elective: Lower Division**

**Credits** 3

-6

**Course ID**

007540

**Grading Basis**

Graded

**Course Component**

Lecture

# French

## **FREN 1331 : Elementary French I**

The study of the structural patterns of French expression by concentrating on the development of speaking and understanding, with emphasis on correct pronunciation, ear training and oral practice. Laboratory work is mandatory and will form an integral part of the course.

**Credits** 3

**Course ID**

001245

**Grading Basis**

Graded

**Course Component**

Lecture

## **FREN 1332 : Elementary French II**

The study of the structural patterns of French expression by concentrating on the development of speaking and understanding, with emphasis on correct pronunciation, ear training and oral practice. Laboratory work is mandatory and will form an integral part of the course.

**Credits** 3

**Course ID**

001246

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[FREN 1332](#) Prerequisite: [FREN 1331](#)

## **FREN 2331 : Intermediate French I**

A continuation of the development of basic language skills. The course is a review of grammar as well as an introduction to culture, civilization and literature.

**Credits** 3

**Course ID**

001249

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[FREN 2331](#) Prerequisite: [FREN 1332](#)

## **FREN 2392 : Special Topics**

Lower-division treatment of a selected topic of mutual interest to the faculty member and students.

**Credits** 3

**Course ID**

008856

**Grading Basis**

Graded

**Course Component**

Special Topics



**FREN 3324 : Phonetics**

Study of the sounds of French. Theory and correction of diction. Fall, even years.

**Credits** 3

**Course ID**

006180

**Grading Basis**

Graded

**Course Component**

Lecture

**FREN 3339 : Business French**

Provides the directed student with the specific vocabulary, structure, and cultural insight to deal effectively with the growing French speaking component of U.S. or international commerce.

**Credits** 3

**Course ID**

006623

**Grading Basis**

Graded

**Course Component**

Lecture

**FREN 4192 : Directed Reading/Independent Study in French**

Supervised work done under the direction of a faculty member of the department. May be repeated under a different title. Prerequisite: permission of program chair.

**Credits** 1

**Course ID**

001260

**Grading Basis**

Graded

**Course Component**

Independent Study

**FREN 4292 : Directed Reading/Independent Study in French**

Supervised work done under the direction of a faculty member of the department. May be repeated under a different title. Prerequisite: permission of program chair.

**Credits** 2

**Course ID**

001261

**Grading Basis**

Graded

**Course Component**

Independent Study

**FREN 4331 : Survey of Francophone Literature**

An overview of Francophone Literature.

**Credits** 3

**Course ID**

001268

**Grading Basis**

Graded

**Course Component**

Lecture

**FREN 4372 : Francophone Culture**

Provides the directed student with the specific cultural insight in order to deal effectively with the growing Francophone-speaking component of the U.S. or international scene. While employing the necessary French-language grammar and vocabulary, the course emphasizes both interaction between the English-speaking and French-speaking communities and within the French-speaking community in terms of appropriate behaviors and understood knowledge among native speakers. Study of history, sociopolitical events, art, literature and customs of the French-speaking countries. Prerequisite: FREN 3335.

**Credits** 3

**Course ID**

006349

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[FREN 4372](#) Prerequisite: FREN 3335

**FREN 4392 : Directed Reading/Independent Study in French**

Supervised work done under the direction of a faculty member of the department. May be repeated under a different title. Prerequisite: permission of program chair.

**Credits** 3

**Course ID**

001262

**Grading Basis**

Graded

**Course Component**

Independent Study

**FREN 4393 : Special Topics in French**

Upper-division treatment of selected topics of mutual interest to the faculty member and students. Prerequisite: permission of Program Chair.

**Credits** 3

**Course ID**

001266

**Grading Basis**

Graded

**Course Component**

Special Topics

**FREN 4492 : Directed Reading/Independent Study in French**

Supervised work done under the direction of a faculty member of the department. May be repeated under a different title. Prerequisite: permission of program chair.

**Credits** 4

**Course ID**

001263

**Grading Basis**

Graded

**Course Component**

Independent Study

# German

## **GERM 1331 : Elementary German I**

A study of the fundamentals of the language, vocabulary, sentence structure, oral practice and reading comprehension; first contact with the German culture. Laboratory work is mandatory and will form an integral part of the course.

**Credits** 3

**Course ID**

001303

**Grading Basis**

Graded

**Course Component**

Lecture

## **GERM 1332 : Elementary German II**

A study of the fundamentals of the language, vocabulary, sentence structure, oral practice and reading comprehension; first contact with the German culture. Laboratory work is mandatory and will form an integral part of the course.

**Credits** 3

**Course ID**

001304

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[GERM 1332](#) Prerequisite: [GERM 1331](#)

## **GERM 2331 : Intermediate German I**

Review of grammar and sentence structure with emphasis on composition. Readings from modern German prose and poetry for content and insight into the German culture.

**Credits** 3

**Course ID**

001305

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[GERM 2331](#) Prerequisites: [GERM 1332](#)

## **GERM 2332 : Intermediate German II**

Continuation of 2331. Includes some readings in each student's major field as a special individual project.

**Credits** 3

**Course ID**

001306

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[GERM 2332](#) Prerequisite: [GERM 2331](#)

**GERM 4192 : Directed Reading/Independent Study in German**

Supervised work done under the direction of a professor of the department. May be repeated under a different title. Prerequisite: permission of MACL chair.

**Credits** 1

**Course ID**

001309

**Grading Basis**

Graded

**Course Component**

Independent Study

**GERM 4193 : Special Topics in German**

Upper-division treatment of selected topics of mutual interest to the professor and students. Prerequisite: permission of MACL chair.

**Credits** 1

**Course ID**

001313

**Grading Basis**

Graded

**Course Component**

Seminar

**GERM 4292 : Directed Reading/Independent Study in German**

Supervised work done under the direction of a professor of the department. May be repeated under a different title. Prerequisite: permission of MACL chair.

**Credits** 2

**Course ID**

001310

**Grading Basis**

Graded

**Course Component**

Independent Study

**GERM 4293 : Special Topics in German**

Upper-division treatment of selected topics of mutual interest to the professor and students. Prerequisite: permission of MACL chair.

**Credits** 2

**Course ID**

001314

**Grading Basis**

Graded

**Course Component**

Special Topics

**GERM 4392 : Directed Reading/Independent Study in German**

Supervised work done under the direction of a professor of the department. May be repeated under a different title. Prerequisite: permission of MACL chair.

**Credits** 3

**Course ID**

001311

**Grading Basis**

Graded

**Course Component**

Independent Study

**GERM 4393 : Special Topics in German**

Upper-division treatment of selected topics of mutual interest to the professor and students. Prerequisite: permission of MACL chair.

**Credits** 3

**Course ID**

001315

**Grading Basis**

Graded

**Course Component**

Special Topics

**GERM 4399 : Senior Thesis**

Research-based project open to students who have a concentration or minor in German. Project topic to be approved and supervised by the program faculty according to standards and guidelines available from the program chair. Prerequisite: Instructor Consent.

**Credits** 3

**Course ID**

001317

**Grading Basis**

Graded

**Course Component**

Thesis Research

**GERM 4492 : Directed Reading/Independent Study in German**

Supervised work done under the direction of a professor of the department. May be repeated under a different title. Prerequisite: permission of MACL chair.

**Credits** 4

**Course ID**

001312

**Grading Basis**

Graded

**Course Component**

Independent Study

**GERM 4493 : Special Topics in German**

Upper-division treatment of selected topics of mutual interest to the professor and students. Prerequisite: permission of MACL chair.

**Credits** 4

**Course ID**

001316

**Grading Basis**

Graded

**Course Component**

Special Topics

## Hebrew

**HEBR 2331 : Elementary Biblical Hebrew I**

An introduction to the morphology and syntax of Biblical Hebrew.

**Credits** 3

**Course ID**

002578

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall semester, odd years

**HEBR 2332 : Elementary Biblical Hebrew II**

A continuation of the study of the morphology and syntax of Biblical Hebrew.

**Credits** 3

**Course ID**

002579

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[HEBR 2332](#) Prerequisite: [HEBR 2331](#).

**Semester Offered**

Spring semester, even years

**HEBR 4332 : Advanced Hebrew II**

**Credits** 3

**Course ID**

002583

**Grading Basis**

Graded

**Course Component**

Lecture

# Hungarian

## **HUNG 1331 : Hungarian I**

**Credits** 3

**Course ID**

002919

**Grading Basis**

Graded

**Course Component**

Lecture

## **HUNG 1332 : Introduction Hungarian II**

**Credits** 3

**Course ID**

002920

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[HUNG 1332](#) Prerequisite: [HUNG 1331](#)

# Irish Studies

## **IRST 1331 : Elementary Irish I**

Elementary instruction in vocabulary, grammar and cultural insight into the Irish language and culture.

**Credits** 3

**Course ID**

006888

**Grading Basis**

Graded

**Course Component**

Lecture

## **IRST 1332 : Elementary Irish II**

Advanced elementary instruction in vocabulary, grammar and cultural insight into the Irish language and culture.

**Credits** 3

**Course ID**

006889

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[IRST 1332](#) Prerequisite: [IRST 1331](#)

**IRST 2331 : Intermediate Irish I**

This course provides instruction on Irish language and culture for students who have successfully completed Elementary Irish I and II. The Irish language is a member of the Celtic branch of the Indo-European language family (with some unique linguistic aspects). It is a vibrant minority language on the island of Ireland. The syllabus will be based on the Teastas Eorpach na Gaeilge/The European Certificate in Irish.

**Credits** 3

**Course ID**

008957

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[IRST 2331](#) Prerequisites: [IRST 1332](#)

**Semester Offered**

Offered as needed

**IRST 2332 : Intermediate Irish II**

This course provides instruction on Irish language and culture for students who have successfully completed Elementary Irish I and II, as well as Intermediate Irish I. The Irish language is a member of the Celtic branch of the Indo-European language family (with some unique linguistic aspects). It is a vibrant minority language on the island of Ireland. The syllabus will be based on the Teastas Eorpach na Gaeilge/The European Certificate in Irish.

**Credits** 3

**Course ID**

008958

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[IRST 2332](#) Prerequisites: [IRST 2331](#)

**Semester Offered**

Offered as needed



**IRST 3301 : Irish Literature & Postcolonial Studies**

This course presents key authors, texts, and concepts in postcolonial studies as it pertains to Ireland and Irish literature. The course begins with an introduction to the term postcolonialism, traces its development as a methodological approach to literature, and then explores the contested application of the term to Ireland. The course then explores relevant concepts such as anticolonialism, nationalism, binaries, stereotypes, and hybridity in literary texts. In parallel with the literary texts, students will read from scholarly work and interventions in the field. By the end of the course, students will be comfortable analyzing, interrogating, and critiquing narratives of Irishness, and will be equipped to engage in a postcolonial analysis of literary texts, national narratives, and historiographies.

**Credits** 3

**Course ID**

008959

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Spring semester, odd years

**IRST 3302 : Irish Mythology & Folklore**

This course examines Irish mythology and folklore as two distinct yet interrelated cultural artifacts. First written down in the early medieval period, much of Irish mythology stems from the pre-Christian Irish oral tradition. As such, it provides us with a rich illumination of early Irish culture and traditions. Through a reading and discussion of examples from the various mythological cycles, students will become familiar with the common symbolism and literary motifs in Irish mythology, as well as evaluating what the tales can tell us about early Irish society. Growing from this early oral literary tradition, Irish folklore was collected in large quantities by the Irish Folklore Commission, giving Ireland one of Europe's largest folklore collections. We will learn about folk traditions and the prominence of storytelling in rural Ireland as well as examining the influence of Ireland's mythology and folklore on other literary movements, and its contribution to contemporary cultural texts. Upon completion of the course, students will demonstrate an ability to interpret the roles of myth and folklore in society, particularly within an Irish cultural practice.

**Credits** 3

**Course ID**

008960

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Spring semester, even years

**IRST 3303 : Irish Culture and Traditions**

This course examines contemporary Irish culture and traditions, by tracing their origins and evolution through the varied circumstances of Irish historical and political events. The course considers the impact these events had on the molding of distinct cultural practices in the fields of language, literature, sport, music, and folk traditions. By the end of the course, students will be able to identify, explain, and distinguish between Irish cultural practices and traditions, as well as analyze the conditions that contributed to their formation.

**Credits** 3

**Course ID**

008961

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall semester, odd years

**IRST 3309 : Modern Irish Literature**

Study of Irish poetry, fiction, and drama from the Irish Revival/Modern period through the contemporary renaissance. Required for Irish Studies minor.

**Credits** 3

**Course ID**

007226

**Grading Basis**

Graded

**Course Component**

Seminar

**IRST 3365 : History of Ireland Since 1600**

Irish history from the end of the reign of Elizabeth I to the recent Time of the Troubles. Special emphasis on the influence of English history, the revolutions of the 18th century, the development of Irish nationalism, the emergence of an Irish nation under the leadership of Eamon de Valera and the unsettling issues in the time of The Troubles. Required for Irish Studies minor.

**Credits** 3

**Course ID**

006217

**Grading Basis**

Graded

**Course Component**

Lecture

**IRST 3366 : Historical and Political Perspectives on Irish Law and Culture**

This course explores the historical and political perspectives of Irish law and culture as a means of social expression. It investigates the political, economic, social, religious, legal, linguistic and cultural aspects of Ireland as it developed throughout history. The course reviews Irish and English laws affecting the Irish throughout key periods in history, such as the English and Scottish plantations in Ireland and land confiscations, the flight of the Irish from Ireland in response to English laws and other events and key insurrections and uprisings. Students will analyze the role of law and politics in shaping history and culture.

**Credits** 3

**Course ID**

006776

**Grading Basis**

Graded

**Course Component**

Seminar

**IRST 3367 : Irish Diaspora: Irish American Experience**

This course examines the causes of transatlantic migration of the Irish and Northern Irish people and the development of a subculture of Irish Americans in the United States in the context of key periods of departure. It addresses the political, social, legal, religious, cultural and economic aspects of life in Ireland and Northern Ireland that gave rise to emigration. This course investigates how the Irish and Northern Irish made a mark on American society, politics, law and culture. It uses the Irish American experience as a case study for other immigrant experiences today.

**Credits** 3

**Course ID**

007224

**Grading Basis**

Graded

**Course Component**

Seminar

**IRST 3368 : Northern Ireland: Conflict and Peace**

This course is divided into three parts: (i) Historical Context, (ii) the "Conflict," and (iii) the "Peace." The historical context explores some of the key events that led to the conflict and the current situation in Northern Ireland. The Conflict portion reviews the current dispute between the various political parties in Northern Ireland and the groups they represent: nationalists (who want to reunite Northern Ireland with Ireland) and unionists (who want to keep Northern Ireland separate from Ireland and united with Britain). The Conflict also reviews the use of physical force (violence) to achieve these goals versus constitutional, peaceful means (the ballot box and dialogue). The Peace portion discusses the various agreements and movements among Britain, Ireland and Northern Ireland from 1922 to today to stop the violence and to bring peace to Northern Ireland, Britain and Ireland. The course also covers current events in Northern Ireland, such as ongoing elections and other governmental, political, social and cultural issues.

**Credits** 3

**Course ID**

007072

**Grading Basis**

Graded

**Course Component**

Seminar

**IRST 4336 : American Catholic Heritage**

This course surveys, critically analyzes and increases appreciation for American Catholic Heritage as well as Irish and Irish American Heritage and Culture.

**Credits** 3

**Course ID**

007225

**Grading Basis**

Graded

**Course Component**

Seminar

**IRST 4339 : Celtic Spirituality**

Systematic study of the concepts and practices of the Christian spiritual life, with a special emphasis placed upon an understanding of Celtic Spirituality and the influences of Anglo-Saxon spirituality on it. This study will be undertaken by a reading and study of selected texts by the great spiritual masters and writers of the Church from the Celtic and Anglo-Saxon tradition. Pre-requisites THEO 1300/3300 and 2300/3310.

**Credits** 3

**Course ID**

007478

**Grading Basis**

Graded

**Course Component**

Lecture

**IRST 4392 : Directed Reading/Independent Study in Irish Studies**

Independent study or directed reading study under a faculty member's direction. Required for the Irish Studies minor.

**Credits** 3

**Course ID**

006454

**Grading Basis**

Graded

**Course Component**

Independent Study

**IRST 4393 : Special Topics Courses: Selected Topics in Irish Studies**

These courses are offered as needed and cross-listed with courses in other disciplines, as applicable and with the approval of the chairs of those departments.

**Credits** 3

**Course ID**

006143

**Grading Basis**

Graded

**Course Component**

Lecture

# Italian

## **ITAL 1331 : Introduction to Italian I**

**Credits** 3

**Course ID**

002592

**Grading Basis**

Graded

**Course Component**

Lecture

## **ITAL 1332 : Introduction to Italian II**

**Credits** 3

**Course ID**

002593

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ITAL 1332](#) Prerequisite: [ITAL 1331](#)

## **ITAL 2331 : Intermediate Italian I**

**Credits** 3

**Course ID**

002599

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ITAL 2331](#) Prerequisite: [ITAL 1332](#)

## **ITAL 2332 : Intermediate Italian II**

**Credits** 3

**Course ID**

007223

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ITAL 2332](#) Prerequisite: [ITAL 2331](#)

## **ITAL 4393 : Special Topics**

**Credits** 3

**Course ID**

007047

**Grading Basis**

Graded

**Course Component**

Special Topics

# Japanese

## **JPNS 1331 : Elementary Japanese I**

**Credits** 3

**Course ID**

006959

**Grading Basis**

Graded

**Course Component**

Lecture

## **JPNS 1332 : Elementary Japanese II**

Elementary Japanese II

**Credits** 3

**Course ID**

007129

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[JPNS 1332](#) Prerequisite: [JPNS 1331](#)

## **JPNS 2331 : Intermediate Japanese I**

**Credits** 3

**Course ID**

007043

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[JPNS 2331](#) Prerequisite: [JPNS 1332](#)

## **JPNS 2332 : Intermediate Japanese II**

Intermediate Japanese II

**Credits** 3

**Course ID**

007130

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[JPNS 2332](#) Prerequisite: [JPNS 2331](#)

**JPNS 4393 : Special Topics****Credits** 2

-3

**Course ID**

007048

**Grading Basis**

Graded

**Course Component**

Special Topics

## Korean

**KORE 1331 : Elementary Korean I****Credits** 3**Course ID**

006955

**Grading Basis**

Graded

**Course Component**

Lecture

**KORE 1332 : Elementary Korean II**

Elementary Korean II

**Credits** 3**Course ID**

007131

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**[KORE 1332](#) Prerequisite: [KORE 1331](#)**KORE 4393 : Special Topics****Credits** 3**Course ID**

007049

**Grading Basis**

Graded

**Course Component**

Special Topics

# Latin

## **LATN 1341 : Intensive Introduction to Latin**

**Credits** 3

**Course ID**

002608

**Grading Basis**

Graded

**Course Component**

Lecture

## **LATN 2312 : Intermediate Latin II**

**Credits** 3

**Course ID**

002609

**Grading Basis**

Graded

**Course Component**

Lecture

## **LATN 2351 : Intensive Latin**

**Credits** 3

**Course ID**

002612

**Grading Basis**

Graded

**Course Component**

Lecture

## **LATN 3331 : Latin Poetry I**

**Credits** 3

**Course ID**

002613

**Grading Basis**

Graded

**Course Component**

Lecture

## **LATN 3332 : Latin Poetry II**

**Credits** 3

**Course ID**

002614

**Grading Basis**

Graded

**Course Component**

Lecture



**LATN 3333 : Ecclesiastical Latin I**

**Credits** 3

**Course ID**

002615

**Grading Basis**

Graded

**Course Component**

Lecture

**LATN 3334 : Ecclesiastical Latin II**

**Credits** 3

**Course ID**

002616

**Grading Basis**

Graded

**Course Component**

Lecture

## Portuguese

**PORT 1301 : First Year Portuguese**

**Credits** 3

**Course ID**

005005

**Grading Basis**

Graded

**Course Component**

Lecture

**PORT 1302 : First Year Portuguese**

**Credits** 3

**Course ID**

005006

**Grading Basis**

Graded

**Course Component**

Lecture

## Russian

**RUSN 1302 : First Year Russian**

**Credits** 3

**Course ID**

002555

**Grading Basis**

Graded

**Course Component**

Lecture

**RUSN 1331 : Elementary Russian I****Credits** 3**Course ID**

007037

**Grading Basis**

Graded

**Course Component**

Lecture

**RUSN 1332 : Elementary Russian II**

Elementary Russian II

**Credits** 3**Course ID**

007134

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**[RUSN 1332](#) Prerequisite: [RUSN 1331](#)**RUSN 2302 : Second Year Russian****Credits** 3**Course ID**

002556

**Grading Basis**

Graded

**Course Component**

Lecture

**RUSN 2331 : Intermediate Russian I****Credits** 3**Course ID**

007045

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**[RUSN 2331](#) Prerequisites: [RUSN 1332](#)**RUSN 2332 : Intermediate Russian II**

Intermediate Russian II

**Credits** 3**Course ID**

007135

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**[RUSN 2332](#) Prerequisite: [RUSN 2331](#)

**RUSN 4393 : Special Topics****Credits** 3**Course ID**

007050

**Grading Basis**

Graded

**Course Component**

Special Topics

## Spanish

**SPAN 1331 : Elementary Spanish I**

Fundamentals of comprehension, speaking, reading and writing in Spanish with emphasis on pronunciation and oral expression. Designed for the non-heritage student, MILAB is an integral part of [SPAN 1331](#) and 1332, requiring additional time each week outside class. Students who have heritage or native-speaking knowledge of Spanish will not be allowed to register for these courses.

**Credits** 3**Course ID**

001671

**Grading Basis**

Graded

**Course Component**

Lecture

**SPAN 1332 : Elementary Spanish II**

Fundamentals of comprehension, speaking, reading and writing in Spanish with emphasis on pronunciation and oral expression. Designed for the non-heritage student, MILAB is an integral part of [SPAN 1331](#) and 1332, requiring additional time each week outside class. Students who have heritage or native-speaking knowledge of Spanish will not be allowed to register for these courses.

**Credits** 3**Course ID**

001672

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**[SPAN 1332](#) Prerequisite: [SPAN 1331](#)**SPAN 1335 : Review of Basic Spanish Skills**

One-semester refresher course in all the basic skills for students who have at least two years of formal Spanish instruction but, due to performance or timing, are not true beginners or sufficiently prepared for an intermediate class. After successfully completing this class, students can enter [SPAN 2331](#). This course is not open to students with credit in [SPAN 1331](#) or 1332.

**Credits** 3**Course ID**

005712

**Grading Basis**

Graded

**Course Component**

Lecture

**SPAN 2331 : Intermediate Spanish I**

Further development of comprehension, speaking, reading and writing skills. Integration of grammar and cultural content. Designed for the non-heritage student.

**Credits** 3

**Course ID**

001673

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[SPAN 2331](#) Prerequisite: [SPAN 1332](#)

**SPAN 2332 : Intermediate Spanish II**

Further development of comprehension, speaking, reading and writing skills. Integration of grammar and cultural content. Designed for the non-heritage student.

**Credits** 3

**Course ID**

001674

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[SPAN 2332](#) Prerequisite: [SPAN 2331](#)

**SPAN 2334 : Intermediate Spanish II for the Heritage Speakers**

Review of the basic elements of language; builds vocabulary and comprehension, and develops both oral and written expression, all in cultural context. Designed for heritage speakers.

**Credits** 3

**Course ID**

001680

**Grading Basis**

Graded

**Course Component**

Lecture

**SPAN 2350 : Intermediate Oral Communication**

A conversational approach to language. Further development of basic Spanish grammar, vocabulary and phrases, particularly applicable to everyday situations. Designed for the non-native student. Offered in Study Abroad only.

**Credits** 3

**Course ID**

001676

**Grading Basis**

Graded

**Course Component**

Lecture

**SPAN 3331 : International Business I**

Provides the student with the specific vocabulary, structure and cultural insight in order to effectively deal with the growing Spanish-speaking component of U.S. or international Business.

**Credits** 3

**Course ID**

001681

**Grading Basis**

Graded

**Course Component**

Lecture

**SPAN 3335 : Advanced Oral Communication**

(BIED 3335) Designed to develop fluency in speaking Spanish in the non-native speaker. Lively discussion of current news published in Hispanic newspapers and magazines and comparison of themes in modern society. 3350 is offered in the Study Abroad Program only.

**Credits** 3

**Course ID**

001682

**Grading Basis**

Graded

**Course Component**

Lecture

**SPAN 3336 : Advanced Oral Communication**

(BIED 3336) Designed to develop fluency in speaking Spanish in the non-native speaker. Lively discussion of current news published in Hispanic newspapers and magazines and comparison of themes in modern society. 3350 is offered in the Study Abroad Program only.

**Credits** 3

**Course ID**

001684

**Grading Basis**

Graded

**Course Component**

Lecture

**SPAN 3337 : Advanced Composition**

Emphasis on composition practice, including grammar usage and style. Structural analysis of Spanish grammar. A comparative study of English and Spanish; points of departure and similarities. Appropriate for students of all aspects of language, including translation, bilingual education and target-language teaching.

**Credits** 3

**Course ID**

001686

**Grading Basis**

Graded

**Course Component**

Lecture

**SPAN 3340 : Translation I**

Provides the student with the specific vocabulary, structure and cultural insight to effectively interpret the message intended in translating Spanish/English or English/Spanish. The course emphasizes the translation of the underlying message and its implications based upon cultural context.

**Credits** 3

**Course ID**

001688

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[SPAN 3340](#) Prerequisite: [SPAN 3337](#)

**SPAN 3341 : Medical Professions I**

Provides the student with the specific vocabulary, structure and cultural insight to effectively deal with the growing Spanish-speaking component of the U.S. or international medical scene. The course emphasizes interaction between the health professional and the Spanish-speaking patient/client as well as access to Spanish-language medical sources.

**Credits** 3

**Course ID**

001689

**Grading Basis**

Graded

**Course Component**

Lecture

**SPAN 3343 : Print Media**

Provides the directed student with the specific vocabulary, structure and cultural insight to effectively deal with the growing Spanish-speaking component of the U.S. or international print media scene. While incorporating the necessary grammar and vocabulary, the course emphasizes cultural interaction and journalistic practices in the Spanish-language media as well as access to Spanish-language media professionals and sources.

**Credits** 3

**Course ID**

006057

**Grading Basis**

Graded

**Course Component**

Lecture

**SPAN 3350 : Advanced Oral Communication**

(BIED 3350) Designed to develop fluency in speaking Spanish in the non-native speaker. Lively discussion of current news published in Hispanic newspapers and magazines and comparison of themes in modern society. 3350 is offered in the Study Abroad Program only.

**Credits** 3

**Course ID**

001685

**Grading Basis**

Graded

**Course Component**

Lecture

**SPAN 3361 : Modern Hispanic Literature**

An introduction to the great modern writers of Spain and Latin America; a study of theater, poetry, short stories, novels and essays from Jacinto Benavente to Gabriel Garcia Marquez.

**Credits** 3

**Course ID**

001692

**Grading Basis**

Graded

**Course Component**

Lecture

**SPAN 3363 : Masterworks of Mexican Literature**

An overview of major Mexican writers from Sor Juana Inés de la Cruz to Carlos Fuentes; a comparison of styles, viewpoints and themes.

**Credits** 3

**Course ID**

001694

**Grading Basis**

Graded

**Course Component**

Lecture

**SPAN 4191 : Internship in Spanish**

A one-semester volunteer work experience with an organization that works with Spanish-speakers in some context.

**Credits** 1

**Course ID**

001706

**Grading Basis**

Graded

**Course Component**

Internship

**SPAN 4192 : Directed Reading/Independent Study in Spanish**

Supervised work done under the direction of a faculty member of the department. May be repeated under a different title. Prerequisite: permission of program chair.

**Credits** 1

**Course ID**

001709

**Grading Basis**

Graded

**Course Component**

Independent Study

**SPAN 4193 : Special Topics in Spanish**

Upper-division treatment of selected topics of mutual interest to the faculty member and students.

Prerequisite: permission of program chair.

**Credits** 1

**Course ID**

001712

**Grading Basis**

Graded

**Course Component**

Special Topics

**SPAN 4291 : Internship in Spanish**

A one-semester volunteer work experience with an organization that works with Spanish-speakers in some context.

**Credits** 2

**Course ID**

001707

**Grading Basis**

Graded

**Course Component**

Internship

**SPAN 4292 : Directed Reading/Independent Study in Spanish**

Supervised work done under the direction of a faculty member of the department. May be repeated under a different title. Prerequisite: permission of program chair.

**Credits** 2

**Course ID**

005263

**Grading Basis**

Graded

**Course Component**

Independent Study

**SPAN 4293 : Special Topics in Spanish**

Upper-division treatment of selected topics of mutual interest to the faculty member and students.

Prerequisite: permission of program chair.

**Credits** 2

**Course ID**

001713

**Grading Basis**

Graded

**Course Component**

Special Topics

**SPAN 4331 : Survey of Spanish-American Literature**

An overview of Spanish-American literature from the Spanish conquest to the 20th century.

**Credits** 3

**Course ID**

001695

**Grading Basis**

Graded

**Course Component**

Lecture



**SPAN 4333 : Survey of Spanish Literature I**

The main works of Spanish literature from Mio Cid to the end of the 17th century.

**Credits** 3

**Course ID**

001697

**Grading Basis**

Graded

**Course Component**

Lecture

**SPAN 4336 : Hispanic Women**

Encourages the development in students of enhanced gender and ethnic consciousness of the Hispanic world. The student will develop a familiarity with, an appreciation for, and an ability to interpret and evaluate Hispanic literature and studio art by women, keeping gender and ethnic consciousness in mind.

**Credits** 3

**Course ID**

006116

**Grading Basis**

Graded

**Course Component**

Lecture

**SPAN 4338 : Origins and Evolution of the Spanish Language**

Study of the origins of the Spanish language and its evolution into modern Spanish. Samples of literary texts in Old Spanish.

**Credits** 3

**Course ID**

001701

**Grading Basis**

Graded

**Course Component**

Lecture

**SPAN 4339 : Creative Writing**

Designed for students who wish to practice writing fiction. Students will explore what makes a short story, a play, a poem work, paying close attention to narrative structure, plot, beginnings/endings, character development, theme, etc. Short stories, one-act plays, poems and images provide a point of departure for discussion. Emphasis on discussion of students' writing. Limited enrollment. Permission of faculty member required.

**Credits** 3

**Course ID**

006310

**Grading Basis**

Graded

**Course Component**

Lecture

**SPAN 4363 : Hispanic Cinema**

Study of major Spanish and Latin American films in their socio-political, historical and aesthetic contexts.

Prerequisite: [SPAN 3335](#), 3336, 3337, or permission of the faculty member.

**Credits** 3

**Course ID**

006318

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[SPAN 4363](#) Prerequisites: [SPAN 3335](#), 3336, or 3337

**SPAN 4371 : Spanish Culture**

Study of history, sociopolitical events, art, literature and customs of Spain. Provides the students with the specific cultural insight to deal effectively with the growing Spanish-speaking component of the U.S. or international scene.

**Credits** 3

**Course ID**

001704

**Grading Basis**

Graded

**Course Component**

Lecture

**SPAN 4372 : Hispanic American Culture**

Study of history, sociopolitical events, art, literature and customs of the Spanish American countries and the growing Latino population in the U.S. or international scene.

**Credits** 3

**Course ID**

001705

**Grading Basis**

Graded

**Course Component**

Lecture

**SPAN 4391 : Internship in Spanish**

A one-semester volunteer work experience with an organization that works with Spanish-speakers in some context.

**Credits** 3

**Course ID**

001708

**Grading Basis**

Graded

**Course Component**

Internship

**SPAN 4392 : Directed Reading/Independent Study in Spanish**

Supervised work done under the direction of a faculty member of the department. May be repeated under a different title. Prerequisite: permission of program chair.

**Credits** 3

**Course ID**

001711

**Grading Basis**

Graded

**Course Component**

Independent Study

**SPAN 4393 : Special Topics in Spanish**

Upper-division treatment of selected topics of mutual interest to the faculty member and students.

Prerequisite: permission of program chair.

**Credits** 3

**Course ID**

001714

**Grading Basis**

Graded

**Course Component**

Special Topics

**SPAN 4493 : Special Topics in Spanish**

Upper-division treatment of selected topics of mutual interest to the faculty member and students.

Prerequisite: Department Consent.

**Credits** 4

**Course ID**

005269

**Grading Basis**

Graded

**Course Component**

Special Topics

## Swahili

**SWAH 1301 : First Year Swahili**

**Credits** 3

**Course ID**

002568

**Grading Basis**

Graded

**Course Component**

Lecture

**SWAH 1302 : First Year Swahili****Credits** 3**Course ID**

002569

**Grading Basis**

Graded

**Course Component**

Lecture

**SWAH 2301 : Second Year Swahili****Credits** 3**Course ID**

002570

**Grading Basis**

Graded

**Course Component**

Lecture

**SWAH 2302 : Second Year Swahili****Credits** 3**Course ID**

002571

**Grading Basis**

Graded

**Course Component**

Lecture

## Music

Department Chair: Dr. Michael Richardson, [richarm@stthom.edu](mailto:richarm@stthom.edu)

A major in music performance or music education provides a comprehensive background in music theory, music history and performance. The vast majority of the department's offerings emphasize Western music with performance concentrations in vocal and instrumental music.

Students who major in these programs will achieve a thorough grasp of academic knowledge about music; will be able to demonstrate their research, writing and performing ability through a variety of tests, concerts and recitals; and will be prepared for further education and for employment in the field of music. Those students who complete the music education program will be able to pass the Texas Education Agency mandated examinations for teachers.

A minor in music provides a structured program for students following other major programs. The program also serves as one of the bases of the University's interdisciplinary fine and performing arts offerings.

The department also offers academic and applied studies for non-majors. It maintains an active recital series for the University and community.

**MUSC 0115 : Supplemental Study**

Special work in areas of need. Conducted under the supervision of a faculty member. Fall, Spring.

**Credits** 1

**Course ID**

004844

**Grading Basis**

Graded

**Course Component**

Applied Studies

**MUSC 0116 : Supplemental Study**

Special work in areas of need. Conducted under the supervision of a faculty member. Fall, Spring.

**Credits** 1

**Course ID**

004845

**Grading Basis**

Graded

**Course Component**

Applied Studies

**MUSC 1033 : Concert Attendance**

The Music Department offers a wide variety of musical programs and lectures by faculty, students and guests. Attendance at 10 of these offerings, or at similar Houston-area events, is required of all Music majors each fall and spring semesters. P/F

**Credits** 0

**Course ID**

004848

**Grading Basis**

Pass/Fail Option

**Course Component**

Applied Studies

**MUSC 1105 : Jazz Ensemble**

Repertoire emphasizes current and historical trends in jazz music. Open to all members of the University community with permission of faculty member.

**Credits** 1

**Course ID**

001437

**Grading Basis**

Graded

**Course Component**

Lecture

**MUSC 1106 : University Singers**

A group of singers who perform music of many styles and periods. Open to all members of the University community with permission of faculty member.

**Credits** 1

**Course ID**

001438

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

MUSC Lower Div Restriction: Juniors and Seniors must take the 3000-level section of this class.

**MUSC 1107 : Chamber Music Ensemble**

Performance of instrumental duos, trios, quartets, etc., from the classic period to the present. Open to all members of the University community with permission of faculty member.

**Credits** 1

**Course ID**

001439

**Grading Basis**

Graded

**Course Component**

Lecture

**MUSC 1108 : Wind Ensemble**

An ensemble of wind, brass and percussion instruments that performs music from the 18th century to the present. Open to all members of the University community with permission of faculty member.

**Credits** 1

**Course ID**

001440

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

MUSC Lower Div Restriction: Juniors and Seniors must take the 3000-level section of this class.

**MUSC 1109 : Opera & Musical Theater Workshop**

This workshop is designed for students to explore and perform a varied repertoire from opera and musical theater in fully-staged productions. Open to all members of the University community with permission of the music director.

**Credits** 1

**Course ID**

007454

**Grading Basis**

Graded

**Course Component**

Workshops

**Requisites**

MUSC Lower Div Restriction: Juniors and Seniors must take the 3000-level section of this class.

**MUSC 1110 : Class Piano, Voice, or Guitar**

Beginning group instruction in physical and intellectual mastery of a music instrument/voice. 3-4 students per class.

**Credits** 1

**Course ID**

001441

**Grading Basis**

Graded

**Course Component**

Lecture

**MUSC 1111 : Percussion Ensemble**

An ensemble of percussion instruments that performs music of various styles. Open to all members of the University community with permission of music director.

**Credits** 1

**Course ID**

008857

**Grading Basis**

Graded

**Course Component**

Lecture

**MUSC 1112 : Keyboard Accompaniment**

Techniques of collaborative playing, including vocal and instrumental repertoire. Open to all undergraduate piano majors or minors.

**Credits** 1

**Course ID**

007644

**Grading Basis**

Graded

**Course Component**

Practicum

**MUSC 1113 : Class Composition or Improvisation**

Melodic, harmonic and rhythmic approach toward form leading to composition or improvisation. Prerequisite:

[MUSC 2363](#).

**Credits** 1

**Course ID**

001444

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MUSC 1113](#) Prerequisite: [MUSC 2363](#)

**MUSC 1114 : Applied Music Lessons**

Private study in piano, voice or other instrument.

**Credits** 1

**Course ID**

001446

**Grading Basis**

Graded

**Course Component**

Applied Studies

**Requisites**

MUSC Lower Div Restriction: Juniors and Seniors must take the 3000-level section of this class.

**MUSC 1120 : Orchestra**

An ensemble of strings, winds and percussion that performs music from the Baroque period to the present.

Open to all members of the University community with permission of the music director.

**Credits** 1

**Course ID**

007523

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

MUSC Lower Div Restriction: Juniors and Seniors must take the 3000-level section of this class.

**MUSC 1224 : Applied Music Lessons**

Private study in piano, voice or other instrument.

**Credits** 2

**Course ID**

001447

**Grading Basis**

Graded

**Course Component**

Applied Studies

**Requisites**

MUSC Lower Div Restriction: Juniors and Seniors must take the 3000-level section of this class.

**MUSC 1331 : Introduction to Music**

An appreciation and understanding of music through study of its basic elements, aesthetics and role in society.

Listening assignments and concert attendance required. Open to all students.

**Credits** 3

**Course ID**

007356

**Grading Basis**

Graded

**Course Component**

Lecture



**MUSC 2162 : Music Theory I Laboratory for Music Majors**

Sight singing, ear training, keyboard practice and aural memorization of classical works correlated to material presented in [MUSC 2362](#).

**Credits** 1

**Course ID**

007647

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall semester

**MUSC 2164 : Music Theory Laboratory II**

Sight singing, ear training and keyboard practice correlated to material presented in [MUSC 2363](#). Prerequisite: [MUSC 2362](#) or 2363.

**Credits** 1

**Course ID**

001455

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[MUSC 2164](#) Prerequisites: [MUSC 2362](#) or [MUSC 2363](#); Corequisite: [MUSC 2364](#)

**Semester Offered**

Spring semester

**MUSC 2340 : The Story of Theatre I**

A basic introduction to the major developments in the theater from antiquity to the restoration. This course will explore the people, the places and the performances in which the human story has come to life on the stage. Play attendance and practical projects are among requirements of this course. (Odd fall) No prerequisite

**Credits** 3

**Course ID**

007742

**Grading Basis**

Graded

**Course Component**

Lecture

**MUSC 2362 : Music Theory I for Music Majors**

An accelerated introductory course covering the elements of music, melody, harmony, texture, terms, ear training and sight singing.

**Credits** 3

**Course ID**

007227

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall semester

**MUSC 2363 : Fundamentals of Music**

An introductory course covering the elements of music, melody, harmony, texture, terms, ear training and sight singing.

**Credits** 3

**Course ID**

001453

**Grading Basis**

Graded

**Course Component**

Lecture

**MUSC 2364 : Music Theory II**

Continued study of melody harmony, style, basic forms and seventh chords. Prerequisite: [MUSC 2362](#) or 2363.

**Credits** 3

**Course ID**

001454

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MUSC 2364](#) Corequisite: [MUSC 2164](#); Prerequisite: [MUSC 2363](#) or 2362

**Semester Offered**

Spring semester

**MUSC 2463 : Music Theory I**

An accelerated introductory course covering the elements of music, melody, harmony, terms, rules and aural memorization.

**Credits** 4

**Course ID**

007476

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall semester

**MUSC 3105 : Jazz Ensemble**

Repertoire emphasizes current and historical trends in jazz music. Open to all members of the University community with permission of the music director.

**Credits** 1

**Course ID**

007962

**Grading Basis**

Graded

**Course Component**

Lecture

**MUSC 3106 : University Singers**

A group of singers who perform music of many styles and periods. Open to all members of the University community with permission of the music director.

**Credits** 1

**Course ID**

007961

**Grading Basis**

Graded

**Course Component**

Practicum

**Requisites**

MUSC Upper Div Restriction: Students must be at least Junior level to enroll.

**MUSC 3107 : Chamber Music Ensemble**

Performance of instrumental duos, trios, quartets, etc., from the classic period to the present. Open to all members of the University community with permission of the faculty member.

**Credits** 1

**Course ID**

008145

**Grading Basis**

Graded

**Course Component**

Laboratory

**MUSC 3108 : Wind Ensemble**

An ensemble of wind, brass and percussion instruments that performs music from the 18th century to the present. Open to all members of the University community with permission of the music director.

**Credits** 1

**Course ID**

007959

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

MUSC Upper Div Restriction: Students must be at least Junior level to enroll.

**MUSC 3109 : Opera & Musical Theater Workshop**

The workshop is designed for students to explore and perform a varied repertoire from opera and musical theater in fully-staged productions. Open to all members of the University community with permission of the music director.

**Credits** 1

**Course ID**

007960

**Grading Basis**

Graded

**Course Component**

Workshops

**Requisites**

MUSC Upper Div Restriction: Students must be at least Junior level to enroll.

**MUSC 3112 : Keyboard Accompaniment**

Techniques of collaborative playing, including vocal and instrumental repertoire. Open to all undergraduate piano majors or minors.

**Credits** 1

**Course ID**

007645

**Grading Basis**

Graded

**Course Component**

Practicum

**MUSC 3113 : Class Composition or Improvisation**

Melodic, harmonic and rhythmic approach toward form leading to composition or improvisation. Prerequisite: [MUSC 2363](#).

**Credits** 1

**Course ID**

001445

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MUSC 3113](#) Prerequisite: [MUSC 2363](#)

**MUSC 3114 : Applied Music Lessons**

Private study in piano, voice or other instrument. Prerequisite: Department Consent.

**Credits** 1

**Course ID**

001448

**Grading Basis**

Graded

**Course Component**

Applied Studies

**Requisites**

MUSC Upper Div Restriction: Students must be at least Junior level to enroll.

**MUSC 3120 : Orchestra**

An ensemble of strings, winds and percussion that performs music from the Baroque period to the present. Open to all members of the University community with permission of the music director.

**Credits** 1

**Course ID**

007958

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

MUSC Upper Div Restriction: Students must be at least Junior level to enroll.

**MUSC 3141 : Classical Music**

A survey of Western music from 1750 to 1800: Music of the Enlightenment including opera, the development of the sonata, symphony and concerto, music of Haydn and Mozart. Prerequisite: [MUSC 3342](#)

**Credits** 1

**Course ID**

008139

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MUSC 3141/42](#) & [3244/42](#) Prereq

**MUSC 3142 : The Life and Music of Beethoven**

A study of the life and works of the composer with emphasis on the historical and cultural background of the time. Prerequisite: [MUSC 3342](#)

**Credits** 1

**Course ID**

008140

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MUSC 3141/42](#) & [3244/42](#) Prereq

**MUSC 3163 : Music Theory Laboratory III**

More advanced practice in sight singing, ear training and keyboard harmony, correlated with [MUSC 3363](#). Prerequisite: [MUSC 2364](#).3364– Basic Musicianship IV Chromaticism, extended musical forms, analysis and composition; extension of traditional harmony. Prerequisite: [MUSC 2164](#).

**Credits** 1

**Course ID**

001459

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[MUSC 3163](#) Corequisite: [MUSC 3363](#); Prerequisite: [MUSC 2364](#)

**Semester Offered**

Fall semester

**MUSC 3164 : Music Theory Laboratory IV**

Continuation of [MUSC 3163](#). Prerequisite: [MUSC 3163](#).

**Credits** 1

**Course ID**

001461

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[MUSC 3164](#) Corequisite: [MUSC 3364](#); Prerequisite: [MUSC 3163](#)

**Semester Offered**

Spring semester

**MUSC 3220 : Diction**

This course will emphasize pronunciation in singing in Italian, German, French and English.

**Credits** 2

**Course ID**

008050

**Grading Basis**

Graded

**Course Component**

Lecture

**MUSC 3221 : Piano Literature**

Study of keyboard literature from the Baroque period to the present as well as the history of piano performance.

**Credits** 2

**Course ID**

007646

**Grading Basis**

Graded

**Course Component**

Lecture

**MUSC 3224 : Applied Music Lessons**

Private study in piano, voice or other instrument. Prerequisite: permission of the music faculty.

**Credits** 2

**Course ID**

001449

**Grading Basis**

Graded

**Course Component**

Applied Studies

**Requisites**

MUSC Upper Div Restriction: Students must be at least Junior level to enroll.

**MUSC 3230 : Techniques: Wind/Brass/Percussion Methods**

Applied methods for learning to play and teach wind, brass, and percussion instruments.

**Credits** 2

**Course ID**

008709

**Grading Basis**

Graded

**Course Component**

Applied Studies

**Semester Offered**

Fall semester

**MUSC 3231 : Materials and Curriculum: Wind/Brass/Percussion**

Methodologies, philosophies, materials, technologies, and curriculum development for stringed music. For practicum experience, the student will be assigned to work under a mentor teacher to learn about the day-to-day responsibilities and requirements of the music teacher.

**Credits** 2

**Course ID**

008710

**Grading Basis**

Graded

**Course Component**

Applied Studies

**Semester Offered**

Spring semester

**MUSC 3232 : Techniques: String Methods**

Applied methods for learning to play and teach stringed instruments.

**Credits** 2

**Course ID**

008711

**Grading Basis**

Graded

**Course Component**

Applied Studies

**Semester Offered**

Fall semester

**MUSC 3233 : Materials and Curriculum: Stringed Instruments**

Methodologies, philosophies, materials, technologies, and curriculum development for stringed music. For practicum experience, the student will be assigned to work under a mentor teacher to learn about the day-to-day responsibilities and requirements of the music teacher.

**Credits** 2

**Course ID**

008712

**Grading Basis**

Graded

**Course Component**

Applied Studies

**Semester Offered**

Spring semester

**MUSC 3236 : Piano Pedagogy**

The teaching of piano in private and school settings. Emphasis on music resources for piano teachers. Prerequisite: permission of faculty member.

**Credits** 2

**Course ID**

007228

**Grading Basis**

Graded

**Course Component**

Practicum

**Semester Offered**

Offered as needed

**MUSC 3237 : Techniques: Vocal Pedagogy**

The teaching of voice in private and school settings. Emphasis on music resources for voice teachers. Prerequisite: permission of faculty member.

**Credits** 2

**Course ID**

007229

**Grading Basis**

Graded

**Course Component**

Applied Studies

**Semester Offered**

Spring semester



**MUSC 3238 : Materials and Curriculum: Vocal/Choral**

Materials and Curriculum: Methodologies, philosophies, materials, technologies, and curriculum development for vocal and choral music. For practicum experience, the student will be assigned to work under a mentor teacher to learn about the day-to-day responsibilities and requirements of the music teacher.

**Credits** 2

**Course ID**

008713

**Grading Basis**

Graded

**Course Component**

Applied Studies

**Semester Offered**

Spring semester

**MUSC 3241 : Medieval Music**

A survey of early Western music through the 14th Century: Pre-Christian roots, Roman liturgy and chant, early polyphony and secular music. Prerequisite: [MUSC 3341](#)

**Credits** 2

**Course ID**

008141

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MUSC 3241](#)/3242/3243 Prereq

**MUSC 3242 : Renaissance Music**

A survey of Western music of the 15th and 16th Centuries: English and Continental composers, the Reformation, madrigal and rise of instrumental music. Prereq: [MUSC 3341](#)

**Credits** 2

**Course ID**

008142

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MUSC 3241](#)/3242/3243 Prereq

**MUSC 3243 : Baroque Music**

A survey of Western music from 1600-1750: the development of opera, sacred music and instrumental genres up to the death of J.S. Bach. Prereq: [MUSC 3341](#)

**Credits** 2

**Course ID**

008143

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MUSC 3241](#)/3242/3243 Prereq

**MUSC 3244 : Music from WWII to the Present**

A survey of Western music from the end of WWII to the Present: Postwar diverging traditions, including popular, non-Western and technological influences. Prereq: [MUSC 3342](#)

**Credits** 2

**Course ID**

008144

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MUSC 3141](#)/42 & 3244/42 Prereq

**MUSC 3333 : Form and Analysis**

The structure of music from its smallest motival elements through larger complete movement forms; simple and compound song forms, rondo, sonata, dance forms, techniques of variation, fugue and canon.

Prerequisites: [MUSC 3164](#), 3364.

**Credits** 3

**Course ID**

001456

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MUSC 3333](#) Prerequisites: [MUSC 3164](#), 3364

**Semester Offered**

Fall semester

**MUSC 3334 : Basic Conducting**

Basic Conducting is an introductory course that emphasizes on basic patterns of conducting, baton technique, left hand technique, non-verbal communication, terminology, transpositions, score reading and leadership.

Prerequisites: [MUSC 3364](#) and [MUSC 3164](#)

**Credits** 3

**Course ID**

007869

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MUSC 3334](#) Prerequisites: [MUSC 3364](#) and [MUSC 3164](#)

**MUSC 3335 : Orchestral Conducting**

This course is an introduction to basic conducting skills with an emphasis on baton technique, left hand technique, non-verbal communication, leadership, conducting terminology, transpositions and score reading.

Co-requisites: [MUSC 3364](#), 3164. Permission of faculty member.

**Credits** 3

**Course ID**

007230

**Grading Basis**

Graded

**Course Component**

Practicum

**Requisites**

[MUSC 3335](#) Prerequisites: [MUSC 3364](#), 3164

**Semester Offered**

Fall semester

**MUSC 3336 : Choral Conducting**

Study of the director's role relative to choral music, including rehearsal techniques, auditions, tone, balance, diction, phrasing and interpretation. Practical experience in rehearsing choral, ensemble. Selection of appropriate literature. Prerequisites: [MUSC 3364](#), 3164. Permission of faculty member.

**Credits** 3

**Course ID**

001464

**Grading Basis**

Graded

**Course Component**

Practicum

**Requisites**

[MUSC 3336](#) Prerequisites: [MUSC 3164](#), 3364

**Semester Offered**

Spring semester

**MUSC 3337 : Counterpoint**

A study of two-, three- and four-part contrapuntal compositions in the style of 18th century composers. Writing of exercises of two and three and four parts, culminating in composing three-part inventions.

Prerequisites: [MUSC 3164](#), 3364.

**Credits** 3

**Course ID**

001457

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MUSC 3337](#) Prerequisites: [MUSC 3164](#), 3364

**Semester Offered**

Spring semester

**MUSC 3341 : Music History I**

Western Music to 1750: Medieval through Baroque Music.

**Credits** 3

**Course ID**

001451

**Grading Basis**

Graded

**Course Component**

Lecture

**MUSC 3342 : Music History II**

Western music from 1750: Classical through Contemporary.

**Credits** 3

**Course ID**

001452

**Grading Basis**

Graded

**Course Component**

Lecture

**MUSC 3344 : Music from 1827 through WWII**

A survey of Western music from the death of Beethoven through the mid-20th Century: Music influenced by romanticism, nationalism, impressionism and modernism. Prereq: [MUSC 3342](#)

**Credits** 3

**Course ID**

004894

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MUSC 3141](#)/42 & 3244/42 Prereq

**MUSC 3351 : Art Song**

A historical survey of the art song, Leider, chanson and vocal chamber music repertoire from the Baroque period to the present.

**Credits** 3

**Course ID**

007451

**Grading Basis**

Graded

**Course Component**

Lecture

**MUSC 3363 : Music Theory III**

Introduction of contrapuntal procedures, further study of dissonances and larger forms. Prerequisite: [MUSC 2364](#).

**Credits** 3

**Course ID**

001458

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MUSC 3363](#) Corequisite: [MUSC 3163](#); Prerequisite: [MUSC 2364](#)

**Semester Offered**

Fall semester

**MUSC 3364 : Music Theory IV**

Chromaticism, extended musical forms, analysis and composition; extension of traditional harmony.

Prerequisite: [MUSC 3363](#).

**Credits** 3

**Course ID**

001460

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MUSC 3364](#) Corequisite: [MUSC 3164](#); Prerequisites: [MUSC 3363](#)

**Semester Offered**

Spring semester

**MUSC 3375 : Orchestration**

This course will cover the fundamentals of writing and/or arranging for different types of performing groups, including vocal and instrumental ensembles.

**Credits** 3

**Course ID**

007877

**Grading Basis**

Graded

**Course Component**

Lecture

**MUSC 4132 : Workshops**

Short-term (one or two weeks, usually in summer) intensive study (morning, afternoon, evening) of limited scope. Master classes, lecture demonstrations, etc. Fees vary with the event.

**Credits** 1

**Course ID**

001467

**Grading Basis**

Graded

**Course Component**

Workshops

**MUSC 4191 : Internship in Music**

Practicum or on-the-job experience under the guidance of practicing specialists in the music field. To be supervised individually by a department faculty member with the approval of the program chair.

**Credits** 1

**Course ID**

006544

**Grading Basis**

Graded

**Course Component**

Internship

**MUSC 4192 : Directed Reading/Independent Study in Music**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Prerequisites: [MUSC 2364](#), 2164.

**Credits** 1

**Course ID**

001469

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[MUSC 4192](#) Prerequisites: [MUSC 2164](#), 2364

**MUSC 4193 : Special Topics in Music**

Upper-division treatment of selected topics of mutual interest to the faculty member and students.

**Credits** 1

**Course ID**

001473

**Grading Basis**

Graded

**Course Component**

Special Topics

**MUSC 4232 : Workshops**

Short-term (one or two weeks, usually in summer) intensive study (morning, afternoon, evening) of limited scope. Master classes, lecture demonstrations, etc. Fees vary with the event.

**Credits** 2

**Course ID**

001468

**Grading Basis**

Graded

**Course Component**

Workshops

**MUSC 4291 : Internship in Music**

Practicum or on-the-job experience under the guidance of practicing specialists in the music field. To be supervised individually by a department faculty member with the approval of the program chair.

**Credits** 2

**Course ID**

006545

**Grading Basis**

Graded

**Course Component**

Internship

**MUSC 4292 : Directed Reading/Independent Study in Music**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Prerequisites: [MUSC 2364](#), 2164.

**Credits** 2

**Course ID**

001470

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[MUSC 4292](#) Prerequisites: [MUSC 2164](#), 2364

**MUSC 4293 : Special Topics in Music**

Upper-division treatment of selected topics of mutual interest to the faculty member and students.

**Credits** 2

**Course ID**

001474

**Grading Basis**

Graded

**Course Component**

Special Topics

**MUSC 4391 : Internship in Music**

Practicum or on-the-job experience under the guidance of practicing specialists in the music field. To be supervised individually by a department faculty member with the approval of the program chair.

**Credits** 3

**Course ID**

006546

**Grading Basis**

Graded

**Course Component**

Internship

**MUSC 4392 : Directed Reading/Independent Study in Music**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Prerequisites: [MUSC 2364](#), 2164.

**Credits** 3

**Course ID**

001471

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[MUSC 4392](#) Prerequisites: [MUSC 2164](#), 2364

**MUSC 4393 : Special Topics in Music**

Upper-division treatment of selected topics of mutual interest to the faculty member and students.

**Credits** 3

**Course ID**

001475

**Grading Basis**

Graded

**Course Component**

Special Topics



**MUSC 4492 : Directed Reading/Independent Study in Music**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Prerequisites: [MUSC 2364](#), 2164.

**Credits** 4

**Course ID**

001472

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[MUSC 4492](#) Prerequisites: [MUSC 2164](#), 2364

## Philosophy

Philosophy is the science which by the natural light of reason studies the first causes or highest principles of all things. It is in other words, the science of things in their first causes in so far as these belong to the natural order. Philosophy on the level of natural reason, like theology on the level of supernatural faith, pursues answers to the deepest questions concerning reality and the meaning of life. As St. Thomas Aquinas argued, faith and reason cannot ultimately be in conflict; and any apparent conflict is the result of faulty understanding on one side or the other. While all major philosophers are studied at the University of St. Thomas, the philosophy of St. Thomas provides the unifying viewpoint. Pope John Paul II explained that "Thomas Aquinas possessed supremely the courage of the truth, a freedom of spirit in confronting new problems, the intellectual honesty of those who allow Christianity to be contaminated neither by secular philosophy nor by a prejudiced rejection of it. He passed therefore into the history of Christian thought as a pioneer of the new path of philosophy and universal culture." *Fides et Ratio* #43

**PHIL 1311 : The Philosophy of the Human Person**

A study of the many aspects of human nature: sensation, emotion, thought, will, habits, soul and body.

**Credits** 3

**Course ID**

001477

**Grading Basis**

Graded

**Course Component**

Lecture

**PHIL 1315 : Ancient Philosophy**

A study of being, nature, knowledge, man and the state, as developed by the pre-Socratics, Plato, Aristotle, the Epicureans, the Stoics and Plotinus.

**Credits** 3

**Course ID**

001480

**Grading Basis**

Graded

**Course Component**

Lecture

**PHIL 1393 : Special Topics**

Freshman-level special topics course.

**Credits** 3

**Course ID**

008842

**Grading Basis**

Graded

**Course Component**

Special Topics

**PHIL 2314 : Ethics**

A study of the components of the moral life and moral decision-making: freedom, obligation, conscience, objective goods and values. Application of moral principles to particular circumstances. Prerequisite: [PHIL 1311](#) or three courses in the historical sequence.

**Credits** 3

**Course ID**

001478

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PHIL 2314](#) Prerequisite: [PHIL 1311](#) or 3317

**PHIL 2316 : Medieval Philosophy**

A continuation of the study of classical philosophical problems from the Christian perspectives of St. Augustine, St. Thomas Aquinas, St. Anselm, St. Bonaventure and others, while also noting Islamic and Jewish influences. Prerequisite: [PHIL 1315/3315](#) or three courses in the systematic sequence.

**Credits** 3

**Course ID**

001481

**Grading Basis**

Graded

**Course Component**

Lecture

**PHIL 2333 : Logic (Traditional Logic)**

A practical study of the rules of correct reasoning, both inductive and deductive, together with analysis of the concept, the proposition and fallacies. Prerequisite: [PHIL 1311](#) or 1315/3315.

**Credits** 3

**Course ID**

001484

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PHIL 2333](#) Prerequisite: [PHIL 1311](#) or 1315/3315

**PHIL 3313 : Metaphysics**

A study of the fundamental aspects of physical things insofar as they are things, and existent, to see whether they lead to a realm that is “beyond the physical” (“metaphysical”). Prerequisites: [PHIL 1311](#) and 2314 or three courses in the historical sequence.

**Credits** 3

**Course ID**

001479

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PHIL 3313](#) Prerequisite: [PHIL 1311](#) AND 2314 OR [PHIL 1315/3315](#), 2316/3316, 3317

**PHIL 3314 : Business Ethics**

A second course in ethics with emphasis on the moral issues that arise in modern business life. Among issues to be considered are the role of profits, property rights, workers’ rights, fairness in hiring, truth-telling and whistle-blowing. Prerequisite: Completion of either [PHIL 2314](#) or [PHIL 2316/3316](#).

**Credits** 3

**Course ID**

001485

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PHIL 3314](#) Prerequisite: [PHIL 2314](#) or [PHIL 2316](#)

**PHIL 3315 : Ancient Philosophy**

A study of being, nature, knowledge, man and the state, as developed by the pre-Socratics, Plato, Aristotle, the Epicureans, the Stoics and Plotinus. Same subject matter as [PHIL 1315](#), satisfying all its requirements in the historical sequence but taught at an upper-division level.

**Credits** 3

**Course ID**

001482

**Grading Basis**

Graded

**Course Component**

Lecture

**PHIL 3316 : Medieval Philosophy**

Same subject matter as [PHIL 2316](#), satisfying all its requirements in the historical sequence but taught at an upper-division level.

**Credits** 3

**Course ID**

004917

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PHIL 3316](#) Prerequisite: [PHIL 1315/3315](#) or 3313

**PHIL 3317 : Modern Philosophy**

A study of the rise of secular views of knowledge, ethics and politics as discussed by such philosophers as Machiavelli, Hobbes, Descartes, Locke, Rousseau and Hume. Prerequisites: [PHIL 1315/3315](#) and [PHIL 2316](#) or three courses in the systematic sequence.

**Credits** 3

**Course ID**

001483

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PHIL 3317](#) Prerequisite: [PHIL 2316](#) or 3313

**Semester Offered**

Fall and spring semesters

**PHIL 3318 : Bioethics**

A second course in ethics with emphasis on the moral issues that arise in modern health care. Issues to be discussed include patient autonomy, life issues, the right to refuse treatment and the right to health care.

**Credits** 3

**Course ID**

001486

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PHIL 3318](#) Prerequisites: [PHIL 2314](#)

**PHIL 3319 : Philosophy of Mind**

A study of major approaches to dealing with the nature of mind, mental causation, mental content and consciousness. Prerequisites" [PHIL 2314](#) or [PHIL 2316/3316](#).

**Credits** 3

**Course ID**

007854

**Grading Basis**

Graded

**Course Component**

Lecture

**PHIL 3320 : Philosophy of Nature**

This course will examine the fundamental question: What is nature? The course treats fundamental principles like substance, form, matter, causality, motion, and the soul. Consideration will be given to the comparison of ancient and modern perspectives of nature and science.

**Credits** 3

**Course ID**

008031

**Grading Basis**

Graded

**Course Component**

Lecture

**PHIL 3333 : Logic (Traditional Logic)**

A practical study of the rules of correct reasoning, both inductive and deductive, together with analysis of the concept, the proposition and fallacies. Prerequisite: [PHIL 1311](#) or 1315/3315.

**Credits** 3

**Course ID**

007867

**Grading Basis**

Graded

**Course Component**

Lecture

**PHIL 3336 : Political Philosophy**

An evaluation of the historically significant political theories in the Western tradition: classical, medieval and modern. Prerequisites: [PHIL 2314](#) or [PHIL 2316/3316](#).

**Credits** 3

**Course ID**

001487

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PHIL 3336](#) Prerequisite: [PHIL 2314](#) or 2316/3316

**PHIL 3338 : God in Philosophy**

A study of the teachings of some of the major philosophers, including St. Thomas Aquinas, concerning the existence and attributes of God and the consequences of theism and atheism in philosophy. Prerequisite: Completion of either the systematic or the historical sequence.

**Credits** 3

**Course ID**

001488

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PHIL 3338](#) Prerequisite: [PHIL 3313](#) or 3317

**PHIL 3340 : Philosophy Politics, and Economics**

This course will be a required gateway course for the minor in Catholic Social Thought. It explores the Catholic philosophical pillars of the political and economic life in the Western tradition. The main topics are human nature, natural law, virtue, providence and salvation, common sense, and free-market. Authors discussed: Aristotle, Aquinas, Maritain, Novak, Weber. Students will be asked to apply this knowledge to contemporary public life.

**Credits** 3

**Course ID**

009363

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Spring semester

**PHIL 3350 : Contemporary Logic**

This course aims to introduce students to the significant philosophical advances made in the past 150 years in the field of logic. Some of this material can be grouped under the rubric of symbolic logic, but this course will go beyond the field of mathematical logic by discussing theories of modal and tense logic, and, more generally, by discussing why 20th-century philosophers see such formal logic as the most suitable tool for the discovery and development of logical truth. Prerequisites: [PHIL 2314](#) or [PHIL 2316/3316](#).

**Credits** 3

**Course ID**

004921

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PHIL 3350](#) Prerequisite: [PHIL 2314](#) or 2316/3316

**PHIL 3352 : Philosophy of Aristotle**

A special study of the philosophical thought of Aristotle based on selected texts from his works. Prerequisite: [PHIL 2314](#) or 2316/3316

**Credits** 3

**Course ID**

001489

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PHIL 3352](#) Prerequisite: [PHIL 2314](#) or 2316/3316

**PHIL 3353 : Aquinas Seminar**

A study of the philosophy of St. Thomas Aquinas based on selected texts from his works. This course functions as a Junior Seminar for philosophy majors and is required of philosophy majors and minors. Prerequisites: Either 1) [PHIL 1311](#), 2314, and 3313 or 2) [PHIL 1315](#)/3315, 2316/3316 and 3317.

**Credits** 3

**Course ID**

007729

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PHIL 3353](#) Prerequisites: [PHIL 1311](#), 2314, and 3313 OR 1315, 2316, and 3317. Must be a Philosophy major or minor.

**PHIL 4192 : Directed Reading/Independent Study in Philosophy**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Prerequisite: Completion of either the systematic or the historical sequence.

**Credits** 1

**Course ID**

001490

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[PHIL 4192](#) Prerequisite: [PHIL 2314](#) or 2316/3316

**PHIL 4292 : Directed Reading/Independent Study in Philosophy**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Prerequisite: Completion of either the systematic or the historical sequence.

**Credits** 2

**Course ID**

001491

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[PHIL 4292](#) Prerequisites: [PHIL 2314](#) or 2316/3316

**PHIL 4293 : Special Topics in Philosophy**

Upper-division treatment of selected topics of mutual interest to the faculty member and students.

Prerequisite: [PHIL 2314](#) or 2316/3316

**Credits** 2

**Course ID**

001495

**Grading Basis**

Graded

**Course Component**

Special Topics

**Requisites**

[PHIL 4293](#) Prerequisites: [PHIL 2314](#) or 2316/3316

**PHIL 4312 : Philosophy of Knowledge (Epistemology)**

A study of how we know, covering the kinds of knowledge, the role of the senses and the intellect, abstraction, intentionality and the challenge of various forms of skepticism. Prerequisite: [PHIL 2314](#) or 2316/3316

**Credits** 3

**Course ID**

001498

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PHIL 4312](#) Prerequisite: [PHIL 2314](#) or 2316/3316

**PHIL 4318 : Contemporary Philosophy**

A study of recent philosophical developments from Kant and Hegel to the existentialists and pragmatists.

Prerequisite: [PHIL 2314](#) or [PHIL 2316/3316](#).

**Credits** 3

**Course ID**

001499

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PHIL 4318](#) Prerequisite: [PHIL 2314](#) or 2316/3316

**PHIL 4324 : Faith and Reason**

A study of the relationship between faith and reason. Examines possible conflicts between what reason (or science) discovers and what faith believes. Considers classical, modern, and contemporary authors.

Prerequisite: [PHIL 2314](#) or 2316/3316

**Credits** 3

**Course ID**

007424

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PHIL 4324](#) Prerequisite: [PHIL 2314](#) or 2316/3316



**PHIL 4327 : Philosophy of Wojtyla (John Paul II)**

This course will study the thought of Karol Wojtyla, (Blessed John Paul II). The course will consider his poetic, dramatic, philosophical and theological works as they pertain to these themes: the dignity of the person, love and marriage, work and society, politics and human rights, the existence of God and humanism. Prerequisites: two/three course philosophy sequence.

**Credits** 3

**Course ID**

007398

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PHIL 4327](#) Prerequisite: [PHIL 2314](#) or 2316/3316

**PHIL 4329 : Pascal**

This course will study the thought of the 17th century genius Blaise Pascal. In the course the Pensees will be examined closely; the student shall understand how Pascal addresses the question of the relationship of the human being to God in light of fundamental features of human existence. Prerequisite: two/three course philosophy sequence.

**Credits** 3

**Course ID**

007400

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PHIL 4329](#) Prerequisite: [PHIL 2314](#) or 2316/3316

**PHIL 4331 : Philosophy of Art and Beauty**

The metaphysics of beauty and its role in the metaphysics of art; artistic creation and the work of art (form, medium, style); the experience of art and aesthetic appreciation. Selected writings and works of art. Prerequisite: [PHIL 2314](#) or [PHIL 2316/3316](#).

**Credits** 3

**Course ID**

001500

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PHIL 4331](#) Prerequisites: [PHIL 2314](#) or 2316/3316

**PHIL 4335 : Analytical Philosophy**

A study of the origins, development and doctrine of the Analytical Schools. Selected readings. Prerequisite: [PHIL 2314](#) or [PHIL 2316/3316](#).

**Credits** 3

**Course ID**

001501

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PHIL 4335](#) Prerequisites: [PHIL 2314](#) or 2316/3316

**PHIL 4337 : Philosophy of History and Culture**

The nature of culture and civilization, the relationship of religion and culture, and the communication media and culture; the possibility of a philosophy of history, types of the philosophy of history. Prerequisite: [PHIL 2314](#) or [PHIL 2316/3316](#).

**Credits** 3

**Course ID**

001503

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PHIL 4337](#) Prerequisites: [PHIL 2314](#) or 2316/3316

**PHIL 4350 : Philosophy of Law: Tradition of Natural Law**

A critical study of the various versions of natural justice theory in historical perspective from the classical philosophers and jurists through the Christian conceptions of St. Augustine, St. Thomas Aquinas, Scotus and the Spanish scholastics up to the modern secular schools of natural right. Prerequisite: [PHIL 2314](#) or [PHIL 2316/3316](#).

**Credits** 3

**Course ID**

001506

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PHIL 4350](#) Prerequisites: [PHIL 2314](#) or 2316/3316

**PHIL 4352 : Philosophy of Science**

A study of the methods of science and the extent of scientific knowledge from classical cosmology through the Newtonian and Darwinian revolutions, with an assessment of more recent scientific achievements.

Prerequisite: [PHIL 2314](#) or [PHIL 2316/3316](#).

**Credits** 3

**Course ID**

001507

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PHIL 4352](#) Prerequisites: [PHIL 2314](#) or 2316/3316

**PHIL 4354 : Philosophy of Saint Augustine**

An introduction to the philosophical thought of St. Augustine based on selected texts from his work.

Prerequisite: [PHIL 2314](#) or [PHIL 2316/3316](#).

**Credits** 3

**Course ID**

001508

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PHIL 4354](#) Prerequisite: [PHIL 2314](#) or 2316/3316

**PHIL 4357 : The Thought of Karol Wojtyla (Saint John Paul II)**

The course will present a holistic understanding of the thought of Karol Wojtyla (Saint John Paul II). Although the emphasis is placed upon the philosophical aspect of his work, the course will allow the student to explore the literary, mystical, and theological contributions to his philosophical thinking and writing, as well to consider the social and political applications of his thought as well. The special philosophical achievement of Karol Wojtyla pertains to his blending of the philosophy Aristotle and St. Thomas Aquinas with the phenomenological approach of Max Scheler and the personalism of Kant. His philosophical synthesis brings great insight and argument for the dignity of the person, the special character of love and marriage, work and society, politics and human rights, the existence of God and humanism. Readings will include selections from his drama and poetry, his writings on John of the Cross, essays on Scheler, Kant, and Thomism, and portions of his great works the Acting Person, and Love and Responsibility.

**Credits** 3

**Course ID**

008027

**Grading Basis**

Graded

**Course Component**

Lecture

**PHIL 4360 : Philosophy of War and Peace**

An examination of issues arising within the Just War Theory with special emphasis on the history and development of philosophies of war and peace; attention will be given to wars of intervention, humanitarian intervention, nuclear war, and the war on terrorism. This course is designed to: -Explore some of the enduring questions that have shaped questions about war and warriors: Is it justifiable to use deadly force? What is courage? Are there moral limits to use of force? -Introduce students to the concepts and principles of the just war theory and to consider applications to historical case studies. -Frame contemporary issues concerning war such as torture, humanitarian intervention, and technology with clarity and rigor.

**Credits** 3

**Course ID**

007396

**Grading Basis**

Graded

**Course Component**

Lecture

**PHIL 4361 : John Henry Newman, 1801-1890**

A study of the thought and influence of John Henry Newman through a selection of his writings, including *The Idea of a University*. Prerequisites: [PHIL 2314](#) or [PHIL 2316](#) or [PHIL 3316](#)

**Credits** 3

**Course ID**

007868

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PHIL 4361](#) Prerequisites: [PHIL 2314](#) OR 2316/3316

**PHIL 4362 : Philosophy of Woman**

This course is an examination of the relationship between philosophical and theological theories about the nature of woman and how these theories envision her "citizenship" in political and religious communities. Readings of primary sources within a historical framework extending from Plato to Benedict XVI will attempt to answer the question of woman's place within the "City of God" and the "City of Man." Prerequisite: [PHIL 2314](#) or 2316/3316

**Credits** 3

**Course ID**

007397

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PHIL 4362](#) Prerequisites: [PHIL 2314](#) or 2316/3316

**PHIL 4364 : Philosophical Themes in Literature**

Philosophical reflection on themes of good and evil, sin and grace; suffering and fortitude; personal identity and authenticity; the human and the divine; time and eternity; love and death; fidelity and betrayal; the tragic and the comic. Exploration of these themes is carried out with the aid of enduring works of the imagination: novels, short stories and poetry. Close reading and discussion of texts such as *The Brothers Karamazov* (Dostoevsky); *Til We Have Faces* (C.S. Lewis); *Four Quartets* (T.S. Eliot); *The End of the Affair* (Graham Greene); *Wise Blood* and selected short stories (Flannery O'Connor); *Brideshead Revisited* (Evelyn Waugh); *The Moviegoer* (Walker Percy); *Go Down, Moses* (William Faulkner) *One Day in the Life of Ivan Denisovich* (Solzhenitsyn). Prerequisite: [PHIL 2314](#) or 2316/3316

**Credits** 3

**Course ID**

007399

**Grading Basis**

Graded

**Course Component**

Seminar

**Requisites**

[PHIL 4364](#) Prerequisites: [PHIL 2314](#) or 2316/3316

**PHIL 4366 : Philosophy of Education**

A consideration of the following questions: What is the proper end of education? What modes of education are there (e.g., liberal, professional, instrumental /Progressive , etc.)? Can these be rank ordered? What are the proper roles, respectively, of teacher and student? What are the specific challenges endemic to democratic education? Is theology a discipline proper to education? How should the various disciplines be related to one another? What sorts of educational technologies are valuable and appropriate? What are the principle modes of learning and how should these be evaluated? Students pursue these questions through close reading and discussion of classical and contemporary texts. Prerequisite: [PHIL 2314](#) or 2316/3316

**Credits** 3

**Course ID**

007432

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PHIL 4366](#) Prerequisite: [PHIL 2314](#) or 2316/3316

**PHIL 4390 : Senior Seminar**

Research, with oral and written presentations, as a culmination of the philosophy major. Required of philosophy majors and open to them exclusively. Prerequisite: Completion of either the systematic or the historical sequence.

**Credits** 3

**Course ID**

001509

**Grading Basis**

Graded

**Course Component**

Seminar

**Requisites**

[PHIL 4390](#) Prerequisites: Philosophy Majors Only; [PHIL 2314](#) or 2316/3316

**PHIL 4392 : Directed Reading/Independent Study in Philosophy**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Prerequisite: Completion of either the systematic or the historical sequence.

**Credits** 3

**Course ID**

001492

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[PHIL 4392](#) Prerequisites: [PHIL 2314](#) or 2316/3316

**PHIL 4393 : Special Topics in Philosophy**

Upper-division treatment of selected topics of mutual interest to the faculty member and students.

Prerequisite: [PHIL 2314](#) or 2316/3316

**Credits** 3

**Course ID**

001496

**Grading Basis**

Graded

**Course Component**

Special Topics

**Requisites**

[PHIL 4393](#) Prerequisite: [PHIL 2314](#) or 2316/3316

**PHIL 4492 : Directed Reading/Independent Study in Philosophy**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Prerequisite: Completion of either the systematic or the historical sequence.

**Credits** 4

**Course ID**

001493

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[PHIL 4492](#) Prerequisites: [PHIL 2314](#) or 2316/3316

**PHIL 4493 : Special Topics in Philosophy**

Upper-division treatment of selected topics of mutual interest to the faculty member and students.

Prerequisite: [PHIL 2314](#) or 2316/3316

**Credits** 4

**Course ID**

001497

**Grading Basis**

Graded

**Course Component**

Special Topics

**Requisites**

[PHIL 4493](#) Prerequisite: [PHIL 2314](#) or 2316/3316

# Physical Education

## **PE 1112 : Surfing**

Students will learn the fundamental physical activities of surfing Gulf Coast waters (catching waves, popping-up, riding waves) and the basic culture of riding long boards and short boards, including safety, vocabulary, local coastal geography, etiquette, weather reading, and accessing surfing related information.

**Credits** 1

### **Course ID**

007306

### **Grading Basis**

Pass/Fail Option

### **Course Component**

Lecture

## **PE 1120 : Golf**

An exploration of the fundamentals of the rules of golf to include stances, grips, strokes, putts, chipping, pitching, club selection and course etiquette.

**Credits** 1

### **Course ID**

001510

### **Grading Basis**

Pass/Fail Option

### **Course Component**

Lecture

## **PE 1130 : Racquet Sports**

Individuals will learn rules, terms and etiquette of the following racquet sports: racquetball, badminton, and pickleball. Basic skills and game strategy will be taught for each sport.

**Credits** 1

### **Course ID**

001511

### **Grading Basis**

Pass/Fail Option

### **Course Component**

Applied Studies

## **PE 1140 : Tennis I**

The course is designed to teach the basic skills of the game to include history, rules, terminology, scoring and etiquette.

**Credits** 1

### **Course ID**

001512

### **Grading Basis**

Pass/Fail Option

### **Course Component**

Lecture

**PE 1150 : Weight Training**

Instruction will provide the student with an understanding of the theory of weight training principles through demonstration and examination. Practical on-site training through participation will include terminology, muscle groups and proper lifting techniques.

**Credits** 1

**Course ID**

001513

**Grading Basis**

Pass/Fail Option

**Course Component**

Lecture

**PE 1160 : Fitness for Life**

Instruction and practice in the concepts and techniques in a self-paced physical activity program, emphasizing health and fitness concepts. Approved activities include jogging, cycling, swimming, stair climbing and walking.

**Credits** 1

**Course ID**

001514

**Grading Basis**

Pass/Fail Option

**Course Component**

Lecture

**PE 1170 : Team Sports I**

Through discussion, practice and examination two lifetime team sports will be offered. In addition to developing individual skills, students will experience group dynamics such as cooperation (teamwork); collaboration (leagues); and competition (matches). Team sports to be offered include bowling and volleyball.

**Credits** 1

**Course ID**

001515

**Grading Basis**

Pass/Fail Option

**Course Component**

Lecture

## Engineering

**ENGR 1100 : Intro to Engineering Lab**

This course, in combination with the Introduction to Engineering course [ENGR 1300](#), is a first year course dedicated to the preparation of students for the future engineering curriculum. The lab component focuses on application of the mathematical principles via computer software (MATLAB and Excel).

**Credits** 1

**Course ID**

008938

**Grading Basis**

Graded

**Course Component**

Laboratory

**Semester Offered**

Spring semester



**ENGR 1102 : Physics and Engineering Scholars Seminar**

The Physics and Engineering Scholars seminar will enhance relevant concepts, techniques and problem-solving strategies needed in introductory Physics 1331 and Physics 2333 courses. The focus is on application of those concepts, techniques, and strategies to covered lecture topics in both Physics 1331 and 2333, such as motion in several dimensions, forces, energy, momentum, rotational motion, vibrations, and waves. This course is recommended for students who need to improve their quantitative reasoning and problem-solving skills to succeed in their introductory physics classes. Departmental Approval is needed to sign up for this course. This is a Pass/Fail course.

**Credits** 1**Course ID**

008964

**Grading Basis**

Pass/Fail Option

**Course Component**

Seminar

**Requisites**PHYS/ENGI 1102 Co/Prerequisite: [PHYS 2333](#)**Semester Offered**

Fall and spring semesters

**ENGR 1114 : Fundamentals of Computer-Aided Design**

This course provides the fundamentals of engineering graphics. It is a prerequisite for any upper level engineering design classes. It introduces students to solid modeling and engineering drawing basics using SolidWorks and will cover topics such as orthographic projections, pictorial drawings, dimensioning, sectioning, and tolerancing. An introduction to assembly drawings, threads and fasteners will also be part of this course.

**Credits** 1**Course ID**

009677

**Grading Basis**

Graded

**Course Component**

Laboratory

**Semester Offered**

Fall semester

**ENGR 1300 : Introduction to Engineering**

This introductory course will expose students to the field of engineering and the mathematics required for engineering courses. The focus will be on the application of mathematics to solving real-world engineering problems without heavy emphasis on the derivation. Topics covered will include solving engineering problems through applications of basic algebraic manipulations, trigonometry, vectors, sinusoids and harmonic signals, matrices and systems of equations, basics of differentiation, basics of integration, and differential equations.

**Credits** 3

**Course ID**

008939

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall semester

**ENGR 1314 : Fundamentals of Computer-Aided Design**

This course provides the fundamentals of engineering graphics. It is a prerequisite for any upper level engineering design classes. It introduces students to AutoCAD basics and will cover topics such as orthographic projections, pictorial drawings, dimensioning, sectioning, and tolerancing. An introduction to assembly drawings, threads and fasteners will also be part of this course.

**Credits** 3

**Course ID**

008498

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall semester

**ENGR 2100 : Introduction to Engineering Design**

An introduction to the engineering design process. Students complete a semester long design project from the problem recognition and definition stage through the implementation and testing phase. The project will require individual and group work, and is designed to provide students with the fundamentals of completing each step of the engineering design process.

**Credits** 1

**Course ID**

008940

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[ENGR 2100](#) Prerequisites: [ENGR 1300](#), 1100

**Semester Offered**

Spring semester

**ENGR 2105 : Machining Technology**

Introduction to common tools used in the machining and manufacturing of mechanical components. This course will focus on teaching the proper use, capabilities, and limitations of available tools and involve a hands-on project to create a machine component from raw materials.

**Credits** 1

**Course ID**

008950

**Grading Basis**

Pass/Fail Option

**Course Component**

Applied Studies

**Requisites**

[ENGR 2105](#) Prerequisite: [ENGR 1114](#)

**Semester Offered**

Spring semester

**ENGR 2302 : Material and Energy Balances**

This course covers the principles of mass and energy conservation and their application in process analysis and design. It includes topics such as stoichiometry, conservation of mass and energy, reaction stoichiometry, thermodynamic properties, and the use of process simulators to model and analyze chemical processes. Through problem-solving exercises, case studies, and design projects, students will learn how to apply their knowledge to analyze and design chemical processes in various industries.

**Credits** 3

**Course ID**

009471

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGR 2302](#) Prerequisite: [ENGR 1300](#)

**Semester Offered**

Fall semester

**ENGR 2410 : Digital Design**

Analysis and design of practical digital systems including combinational logic circuitry and finite state machine circuitry. Topics covered include logic gates, number systems, Boolean algebra, and synchronous sequential circuits, flip flops, memory devices and programmable logic.

**Credits** 4

**Course ID**

009018

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGR 2410](#) Prerequisite: [PHYS 2334/2112](#)

**Semester Offered**

Fall semester

**ENGR 3030 : Junior/Senior Seminar in Physics and Engineering**

Discussion of current topics in physics. Students will be required to research, read, present and discuss current articles in the physics literature.

**Credits** 0

**Course ID**

008994

**Grading Basis**

Non-Graded Component

**Course Component**

Seminar

**ENGR 3130 : Junior/Senior Seminar in Physics and Engineering**

Discussion of current topics in physics. Students will be required to research, read, present and discuss current articles in the physics literature.

**Credits** 1

**Course ID**

008948

**Grading Basis**

Pass/Fail Option

**Course Component**

Seminar

**Requisites**

[ENGR 3130](#) Prerequisites: [PHYS 2334](#), 2112; Junior or Senior Standing.

**ENGR 3131 : Advanced Electronics Laboratory**

Taken with the Corequisite ([ENGR 3331](#)) Electronics 2, this course uses simulations and experiments to examine the operation and applications of electronic solid-state devices including diodes, operational amplifiers (Op Amps), and transistors (MOSFETs and BJTs) used in electronic devices.

**Credits** 1

**Course ID**

009020

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[ENGR 3131](#) Corequisite: [ENGR 3331](#). Prerequisite: [ENGR 3330](#).

**Semester Offered**

Fall semester

**ENGR 3133 : Electrical Circuits Lab**

Ohm's and Kirchhoff's laws, temperature sensors and Op Amps, strain gauges, passive and active filters, and programming PLCs. Application of computers and electric and electronic principles to mechanical systems.

**Credits** 1

**Course ID**

008945

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

ENGR/[PHYS 3133](#) Prerequisites: [PHYS 2334](#), 2112. Corequisite: ENGR/[PHYS 3333](#).

**Semester Offered**

Fall semester

**ENGR 3138 : Advanced Mechanical Lab I**

Students study and perform a range of contemporary experiments using research equipment and techniques. Course covers a range of experimental methods including data collection, computational analysis, and presentation and communication of results. Experiments in this course focus on topics related to Solid Mechanics, Failure Dynamics, and Control Systems.

**Credits** 1

**Course ID**

008946

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[ENGR 3138](#) Co/Prerequisites: [PHYS 3337](#), 3137

**Semester Offered**

Fall semester

**ENGR 3139 : Units Operations Laboratory I**

Unit operations encompasses several hands-on laboratory experiments to support the concepts covered in chemical engineering. Included operations can be related to material covered in thermodynamics, fluids, transport processes, and process control. This course allows students to gain valuable knowledge using small scale versions of industrial operations equipment for various tasks such as separation, filtration, heat exchange, distillation, and absorption among others. The course emphasizes how the equipment and techniques could then be scaled from a laboratory setting to true industrial applications.

**Credits** 1**Course ID**

009010

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**[ENGR 3139](#) Co/Prerequisites: ENGR/[PHYS 3335](#).**Semester Offered**

Fall semester

**ENGR 3140 : Unit Operations Laboratory 2**

Students will learn advanced techniques in experimental design, data analysis, and process optimization, as applied to various unit operations, such as distillation, absorption, extraction, and reactor design. Topics covered include process control, instrumentation, and safety considerations in the laboratory setting. The course aims to equip students with the knowledge and skills necessary to design and execute experiments, analyze data, and optimize chemical processes in a laboratory setting.

**Credits** 1**Course ID**

009472

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**[ENGR 3140](#) Prerequisite: [ENGR 3139](#); Co/Prerequisite: [ENGR 3305](#)**Semester Offered**

Spring semester

**ENGR 3141 : Advanced Mechanical Lab II**

Students study and perform a range of contemporary experiments using research equipment and techniques. Course covers a range of experimental methods including data collection, computational analysis, and presentation and communication of results. Experiments in this track focus on topics related to Thermodynamics, Heat Transfer, and Fluids.

**Credits** 1

**Course ID**

009676

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[ENGR 3141](#) Prerequisite: [ENGR 3138](#)

**Semester Offered**

Spring semester

**ENGR 3145 : Electrochemical Energy Systems Laboratory**

This course, in combination with the Electrochemical Energy Systems lecture course covers the basic fundamentals of electrochemical devices and material. The lab components will include some experiments applying the principles covered in the lecture course like building a fuel cell, working with super-capacitors, and solar cells.

**Credits** 1

**Course ID**

009422

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[ENGR 3145](#) Prerequisite: [PHYS 2334](#); Corequisite: [ENGR 3345](#)

**Semester Offered**

Fall and spring semesters

**ENGR 3148 : Fluid Mechanics Laboratory**

Fluid Mechanics experiments will be conducted in conservation principles, viscosity, open channel flow, viscous flow, and gas dynamics. The emphasis of the course is to understand fundamentals through laboratory experiments.

**Credits** 1

**Course ID**

008384

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[ENGR 3148](#) Corequisite: [ENGR 3348](#).

**Semester Offered**

Fall semester, odd years

**ENGR 3305 : Heat Transfer**

Study of heat transfer by conduction, convection, and radiation. Topics include steady and transient conduction, forced and free convection, black body radiation, phase changes, and heat exchange systems.

**Credits** 3

**Course ID**

008941

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGR 3305](#) Prerequisites: [PHYS 3335](#), [ENGR 3348](#)

**Semester Offered**

Spring semester

**ENGR 3306 : Applications in Heat Transfer**

As a follow up course to heat transfer, students are introduced to various applications related to the topic. Applications include design and selection of heat exchangers, refrigeration, heating and cooling of buildings, and cooling of electronic components among others.

**Credits** 3

**Course ID**

009379

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGR 3306](#) Prerequisite: [ENGR 3305](#).

**Semester Offered**

Spring semester

**ENGR 3310 : Mechanical Elements**

Application of mechanics principles to machine elements and their design and manufacturing. Topics include selection of mechanical components, material selection, stress and strain analysis, load and power transmission, and failure mechanisms.

**Credits** 3

**Course ID**

008942

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGR 3310](#) Prerequisites: [ENGR 3347](#)

**Semester Offered**

Fall semester, odd years



**ENGR 3330 : Electronics I**

This course examines the operation and applications of electronic solid-state devices including diodes, operational amplifiers (Op Amps), and transistors (MOSFETs and BJTs) used in electronic devices.

**Credits** 3

**Course ID**

009012

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGR 3336](#) Prerequisites: [ENGR 3333](#), 3133.

**Semester Offered**

Spring semester

**ENGR 3331 : Electronics II**

As a continuation of [ENGR 3330](#) (Electronics 1), this course examines the operation and applications of electronic solid-state devices including diodes, operational amplifiers (Op Amps), and transistors (MOSFETs and BJTs) used in electronic devices. Simulations and experiments will be incorporated.

**Credits** 3

**Course ID**

009019

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGR 3331](#) Corequisites: [ENGR 3131](#). Prerequisites: [ENGR 3330](#).

**Semester Offered**

Fall semester

**ENGR 3333 : Electrical Circuits I**

Electrical circuits laws and theorems focused on DC circuit analysis. Analysis of resistive, inductive, capacitive, and Operational Amplifier circuits using Kirchhoff Laws, Thevenin equivalent circuits, and other analytical techniques.

**Credits** 3

**Course ID**

008944

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGR/PHYS 3333](#) Prerequisites: [PHYS 2334](#) or Instructor Permission

**Semester Offered**

Fall semester

**ENGR 3334 : Microprocessors**

This course examines the operation and applications of microprocessors used in digital computing. Topics cover computer hardware and software, programming, computation, interfacing, I/O processing, communication, and data analysis.

**Credits** 3

**Course ID**

009021

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGR 3334](#) Prerequisites: [ENGR 2410](#), [ENGR 3330](#)

**Semester Offered**

Fall semester, odd years

**ENGR 3335 : Thermodynamics**

This course focuses on the concepts and applications of thermodynamics. The central objective of this course is to demonstrate the crucial role of thermodynamics in a modern industrialized society. The course concentrates on the following: conservation equations for mass, energy, and entropy in closed and open systems; applications of the first and second laws of thermodynamics to steady-state and transient problems; properties of fluids and equations of state; power generation and refrigeration cycles; chemical and phase equilibrium.

**Credits** 3

**Course ID**

001531

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

PHYS/[ENGR 3335](#) Prerequisites: [CHEM 1342](#); [MATH 1432](#); [PHYS 2334](#)

**Semester Offered**

Spring semester

**ENGR 3336 : Robotics**

This course provides an introduction to the interface between electronic and mechanical systems. Topics will cover the fundamentals of mechatronic control systems that allow for automation of tasks such as navigation and manipulation.

**Credits** 3

**Course ID**

009013

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGR 3336](#) Prerequisites: [ENGR 3333](#), 3133.

**Semester Offered**

Fall semester, even years

**ENGR 3337 : Multicomponent Thermodynamics**

This course introduces students to the principles of multicomponent thermodynamics and their application in chemical engineering. Students will learn how to analyze and design chemical processes involving multiple components using thermodynamic models and principles. The course covers topics such as phase behavior, equilibrium calculations, thermodynamic properties, and the application of thermodynamics in the design of separation processes. Throughout the course, students will be expected to apply their knowledge to real-world problems through case studies and design projects

**Credits** 3

**Course ID**

009473

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGR 3337](#) Prerequisite: [ENGR 3335](#)

**Semester Offered**

Spring semester

**ENGR 3340 : Signals and Systems**

This course examines continuous-time signals and systems. It covers the basic continuous signals operations and different systems classifications. Topics include linear time-invariant systems, impulse response, convolution, Fourier analysis, and Filtering.

**Credits** 3

**Course ID**

009022

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGR 3340](#) Prerequisites: [ENGR 3330](#), 3133

**Semester Offered**

Fall semester

**ENGR 3341 : Statics**

The concepts of force, moments, balance and friction are used in the application of vector algebra and calculus to the modeling and analysis of force systems, free-body diagrams, and the equilibrium states of rigid bodies.

**Credits** 3

**Course ID**

001532

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGR 3341](#) Prerequisites [PHYS 2333](#), [MATH 1432](#)

**Semester Offered**

Spring semester

**ENGR 3342 : Dynamics**

The concepts of force, acceleration, work, energy, impulse, momentum and vibration are used in the application of vector and differential equations for the modeling and analysis of particle kinetics, planar and three-dimensional particle kinematics, and the behavior of rigid bodies.

**Credits** 3

**Course ID**

001533

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGR 3342](#) Prerequisites [ENGR 3341](#)

**Semester Offered**

Fall semester

**ENGR 3343 : Mathematical Methods for Physics and Engineering**

A survey of mathematical methods used in advanced physics and engineering courses, including linear algebra and linear systems, vector analysis, complex variables, ordinary and partial differential equations, Fourier series, integral transforms, and special functions. Emphasis is on physical applications, using both analytical and computational solutions to problems.

**Credits** 3

**Course ID**

008947

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGR 3343](#) Prerequisites: [PHYS 2334](#), [MATH 1432](#)

**ENGR 3343 : Mathematical Methods for Physics and Engineering**

A survey of mathematical methods used in advanced physics and engineering courses, including linear algebra and linear systems, vector analysis, complex variables, ordinary and partial differential equations, Fourier series, integral transforms, and special functions. Emphasis is on physical applications, using both analytical and computational solutions to problems.

**Credits** 3

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGR 3343](#) Prerequisites: [PHYS 2334](#), [MATH 1432](#)

**ENGR 3344 : Digital Signal Processing**

Digital Systems Processing course examines Discrete-time signals and systems. It provides an introduction to time-domain and frequency-domain analysis for linear discrete systems. Topics include sampling, quantization, impulse response, convolution, Z-transform, Discrete Fourier Analysis, and introduction to digital Filters.

**Credits** 3

**Course ID**

009424

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGR 3344](#) Prerequisites: [ENGR 3340](#)

**Semester Offered**

Spring semester, even years

**ENGR 3345 : Electrochemical Energy Systems**

This course studies the fundamentals of electrochemical energy storage and materials. It covers basic principles and mathematical models of electrochemistry, thermodynamics, kinetics, photoelectrochemistry devices, and energy storage. The main focus of this course is to give the students a solid understanding of the application of these principles in the emerging technologies like lithium-ion batteries, fuel-cells, super-capacitors and solar cells.

**Credits** 3**Course ID**

009425

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**[ENGR 3345](#) Prerequisites: [PHYS 2333](#), 2334**Semester Offered**

Offered as needed

**ENGR 3346 : Electrical Circuits II**

Second semester of Electrical circuits course sequence focused on AC circuit analysis. Course includes a treatment of AC circuits analysis, AC power analysis, transfer functions and filters, three-phase circuits, and Laplace transform and Fourier analysis techniques for complex waveforms.

**Credits** 3**Course ID**

009423

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**[ENGR/PHYS 3346](#) Prerequisites: [PHYS/ENGR 3333](#) or instructor permission.**Semester Offered**

Spring semester

**ENGR 3347 : Strength of Materials**

This course is the study of stresses and insuring for a given geometry and loading case that stresses are maintained below an acceptable level. Stresses discussed include bending stress, shear stress, axial stress, and combined stressed to include Mohr's circle. Design of both beams and columns will be discussed. There is some mention of composite materials and stress concentrations.

**Credits** 3

**Course ID**

008382

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGR 3347](#) Prerequisites: [ENGR 3341](#), [MATH 1432](#).

**Semester Offered**

Fall semester, odd years

**ENGR 3348 : Fluids**

This course provides a basis in conservation principles applied to fluid systems, fluid statistics, dimensional analysis, viscous flow, open channel flow, and an understanding of turbomachinery. One aspect of the course is the use of Excel to solve several nonlinear problems that arise in the study of fluids.

**Credits** 3

**Course ID**

008386

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGR 3348](#) Prerequisites: [ENGR 3343](#) [PHYS 3343](#)

**Semester Offered**

Fall semester

**ENGR 3350 : Fundamentals of Biomolecular Engineering**

Fundamentals of biochemical processes and molecular biology. DNA replication, transcription, translation, recombination technologies, and genetic engineering; design of bioreactors, transport processes and separation of biological materials, and application of enzymes.

**Credits** 3

**Course ID**

009011

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGR 3350](#) Prerequisites: [CHEM 2343](#), [PHYS 3336](#)

**Semester Offered**

Offered as needed

**ENGR 3352 : Transport Phenomena**

Fundamental principles of heat, mass, and momentum transport relating to chemical engineering. The focus is on topics in conduction, convection, radiation, fluid flow through pipes, mixing flows, and diffusion.

**Credits** 3

**Course ID**

009014

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGR 3352](#) Prerequisites: [PHYS 3335](#), [PHYS 3335](#)

**Semester Offered**

Spring semester

**ENGR 4120 : Mechanical Engineering Design Capstone Laboratory**

This course, in combination with the Engineering Design Capstone course PHYS 4320, is an upper-level capstone treatment of an engineering design project and is executed by a team of students. The project involves application of analytical, experimental and computational techniques to the chosen topic. Topics are chosen from various engineering disciplines according to student and faculty interest. This course is dedicated to the realization of the project.

**Credits** 1

**Course ID**

008497

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[ENGR 4120](#): Prerequisites: [ENGR 4320](#); Senior Standing.

**Semester Offered**

Spring semester

**ENGR 4140 : Electrical Machines**

This course introduces concepts related to the interplay of electrical and mechanical systems. Topics will include, construction, design and analysis of major types of rotating and linear electric machines such as transformers, induction motors, synchronous motors, alternators and DC motors and generators.

**Credits** 1

**Course ID**

009426

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[ENGR 4140](#) Prerequisites: [PHYS 2333](#), 2334, and [ENGR 3333](#)

**Semester Offered**

Spring semester



**ENGR 4144 : Electrical Engineering Capstone Laboratory**

This course – in combination with the Electrical Engineering Capstone course [ENGR 4344](#) -is an upper level capstone treatment of an engineering design project from idea over design to realization. The project involves application of analytical, experimental, and computational techniques to the chosen topic from the electrical engineering field according to student and faculty interest and is executed by a team of students. This course is dedicated to the realization of the project designed in the [ENGR 4344](#) course.

**Credits** 1

**Course ID**

009023

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[ENGR 4144](#) Prerequisites: [ENGR 4344](#), Senior Standing

**Semester Offered**

Spring semester

**ENGR 4150 : Laboratory Research Methods in Physics and Engineering**

Students participate in faculty and departmental research programs. The initial project may be continued or a new project undertaken for additional credit.

**Credits** 1

**Course ID**

007862

**Grading Basis**

Pass/Fail Option

**Course Component**

Laboratory

**Requisites**

Lab Research Methods Prerequisites: ([PHYS 2334](#), 2112) OR ([PHYS 1332](#), 1112).

**Semester Offered**

Fall semester

**ENGR 4156 : Chemical Engineering Capstone Laboratory**

Capstone design of chemical processes. Included design factors are: health and safety, reliability, sustainability, cost, profitability, efficiency, environmental issues, and optimization. This course is dedicated to the realization of the project designed in the [ENGR 4356](#) course.

**Credits** 1

**Course ID**

009015

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[ENGR 4156](#) Prerequisites: [ENGR 4356](#), Senior Standing

**Semester Offered**

Spring semester

**ENGR 4192 : Directed Reading/Independent Study in Physics and Engineering**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty.

**Credits** 1

**Course ID**

001534

**Grading Basis**

Graded

**Course Component**

Independent Study

**ENGR 4193 : Special Topics in Physics and Engineering**

Upper-division treatment of selected topics of mutual interest to the faculty member and students. Permission of faculty member required. May be repeated for credit. Prerequisite: Department Consent.

**Credits** 1

**Course ID**

001538

**Grading Basis**

Graded

**Course Component**

Special Topics

**ENGR 4250 : Laboratory Research Methods in Physics and Engineering**

Students participate in faculty and departmental research programs. The initial project may be continued or a new project undertaken for additional credit.

**Credits** 2

**Course ID**

007864

**Grading Basis**

Pass/Fail Option

**Course Component**

Laboratory

**Requisites**

Lab Research Methods Prerequisites: ([PHYS 2334](#), 2112) OR ([PHYS 1332](#), 1112).

**ENGR 4292 : Directed Reading/Independent Study in Physics and Engineering**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty.

**Credits** 2

**Course ID**

001535

**Grading Basis**

Graded

**Course Component**

Independent Study

**ENGR 4293 : Special Topics in Physics and Engineering**

Upper-division treatment of selected topics of mutual interest to the faculty member and students. Permission of faculty member required. May be repeated for credit. Prerequisite: Department Consent.

**Credits** 2

**Course ID**

001539

**Grading Basis**

Graded

**Course Component**

Special Topics

**ENGR 4300 : Chemical Reactors**

This course provides an in-depth study of chemical reactors, which are key components in chemical processes that involve chemical reactions. Students will learn the principles of chemical reaction engineering, including reaction kinetics, thermodynamics, and reactor design. The course covers different types of reactors, such as batch, continuous stirred-tank, plug-flow, and packed-bed reactors, and their applications in various chemical processes. Students will also learn how to analyze and design chemical reactors based on reaction kinetics, mass and energy balances, and thermodynamic considerations. The course covers additional topics such as catalysts, reactor performance, and safety considerations in chemical reactors.

**Credits** 3

**Course ID**

009474

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGR 4300](#) Prerequisites: [CHEM 2343](#), [ENGR 3335](#)

**Semester Offered**

Fall semester

**ENGR 4302 : Chemical Reactors and Separation Processes**

Chemical Reactors and Separation Processes aims to equip students with the practical tools needed to apply reaction kinetics and thermodynamics in an industrial setting. Topics covered include: chemical reaction kinetics; homogeneous and catalytic reactions; batch, continuously-stirred, plug-flow, and fixed-bed reactors; thermodynamics and mass transfer of separation processes; distillation; absorption and adsorption; membranes.

**Credits** 3

**Course ID**

009047

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGR 4302](#) Prerequisites: [ENGR 3335](#); [PHYS 3335](#) [CHEM 2343](#); [PHYS 2334](#)

**Semester Offered**

Fall semester

**ENGR 4303 : Analysis and Design of Chemical Processes**

Chemical Analysis and Design of Chemical Processes aims to equip students with the practical tools needed to analyze and design a chemical process for the production of commodity chemicals. Topics covered include: process flow diagrams; tracing chemicals through the process flow diagram; process conditions; engineering economic analysis of chemical processes; process control and optimization; process performance; process simulation.

**Credits** 3

**Course ID**

009048

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGR 4303](#) Prerequisites: [ENGR 3335](#); PHYS 2335; [CHEM 2343](#); [PHYS 2334](#)

**Semester Offered**

Spring semester

**ENGR 4304 : Plant Design**

This course provides an introduction to the design of chemical plants, including the selection of processes, equipment, and materials, and the integration of these components into a coherent and efficient process. Students will learn the principles and techniques of process design, including process flow diagrams, equipment sizing, and cost estimation. The course covers topics such as safety, environmental considerations, and regulatory compliance in plant design, as well as the economic aspects of plant design, including capital and operating costs, profitability analysis, and risk management.

**Credits** 3

**Course ID**

009476

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGR 4304](#) Prerequisites: [ENGR 2100](#), 3335

**Semester Offered**

Spring semester

**ENGR 4305 : Dynamic Systems and Controls**

Mathematical modeling, analysis, measurement, and control of dynamic systems. Topics include physical systems models, introduction to feedback control, time and frequency domain analysis of control systems, stability of linear control systems, PID control, and root-locus analysis. Incorporation of computational software for computer-based controls and modeling is included.

**Credits** 3

**Course ID**

008993

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGR 4305](#) Prerequisites: [ENGR 3342](#), [ENGR 3343](#)

**ENGR 4310 : Computational Fluid Dynamics**

Computational modeling and analysis of fluid flows using finitedifference and finite-volume methods for solving fluid flow model partial differential equations. Additionally covers concepts of stability, consistency, convergence, and solution of large-scale systems of linear equations.

**Credits** 3

**Course ID**

008951

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGR 4310](#) Prerequisite: [ENGR 3348](#)

**Semester Offered**

Offered as needed

**ENGR 4312 : Engineering Communications**

Practical experience and practice with various modes of engineering and technical communication. Focus will be on written technical documents. A case study in engineering ethics and techniques for oral technical presentations for various audiences will be included as well.

**Credits** 3

**Course ID**

009297

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGR 4312](#) Prerequisites: PHYS 3334, Junior or Senior Standing

**Semester Offered**

Spring semester

**ENGR 4315 : Computational Modeling of Materials**

Computational modeling is used to analyze materials and systems at multiple scales. Multi-scale modeling begins with first principle calculations at the quantum mechanics level, proceeds to the atomic level, and concludes with the continuum level. Modeling techniques discussed at each level include: density functional theory, molecular dynamics, and finite element analysis.

**Credits** 3

**Course ID**

008952

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGR 4315](#) Prerequisite: [ENGR 3347](#)

**Semester Offered**

Fall semester, even years

**ENGR 4318 : Chemical Engineering Design**

The course uses fundamental knowledge and skills acquired from previous courses including thermodynamics, fluid mechanics, heat, and transport courses to design major equipment, tools and instrumentations used in chemical plants including pumps, heat exchangers, condensers, boilers, separation towers, pipelines and pipeline valves and fittings. Commercial process simulation software, ASPEN, will be used for the design and simulation of process equipment in processing plants. In addition to the equipment design, students will learn how to consider economic and safety factors in their equipment and process design. Major features of the process simulator are used for safety and economic considerations.

**Credits** 3

**Course ID**

009675

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGR 4318](#) Prerequisites: [ENGR 3335](#), 4354, 3348.

**Semester Offered**

Spring semester, odd years

**ENGR 4320 : Mechanical Engineering Design Capstone**

This course – in combination with the Engineering Design Laboratory course PHYS 4120 - is an upper level capstone treatment of an engineering design project (from idea over design to realization) and is executed by a team of students. The project involves application of analytical, experimental and computational techniques to the chosen topic. Topics are chosen from various engineering disciplines according to student and faculty interest. This course is dedicated to the idea and design part, the realization of the project will take place in PHYS 4120, the Engineering Design Laboratory.

**Credits** 3

**Course ID**

008485

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGR 4320](#) Prerequisites: ENGR 1141; [ENGR 2100](#), 3342; Senior Standing.

**Semester Offered**

Fall semester

**ENGR 4325 : Compressible Flow**

Study of compressible flows and related phenomena. Topics include control volume solutions in one and two dimensions, normal and oblique shockwaves, isentropic flow, boundary layers and frictional flow, and nonadiabatic flow.

**Credits** 3

**Course ID**

008953

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGR 4325](#) Prerequisite: [ENGR 3348](#)

**Semester Offered**

Spring semester, odd years

**ENGR 4333 : Electromagnetism**

Theory and application of electric and magnetic fields and their interactions with matter. Topics include electro- and magnetostatics, dynamics, and Maxwell's Equations with applications to transmission, radiation, and wave propagation. This course incorporates vector analysis and boundary-value problems.

**Credits** 3

**Course ID**

008452

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

ENGR/[PHYS 4333](#) Prerequisites: [PHYS 3333](#) or Instructor Permission.

**Semester Offered**

Spring semester

**ENGR 4340 : Wireless Communications**

Wireless Communications covers the basic fundamentals of wireless cellular networks. The course provides an overview of wireless channel models including large-scale and small scale fading effects, multiplexing, signal encoding techniques, error detection and correction, OFDM, spread spectrum, and multiple-input-multiple-output transmission.

**Credits** 3

**Course ID**

009427

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGR 4340](#) Prerequisites: [ENGR 3340](#)

**Semester Offered**

Spring semester



**ENGR 4341 : Electrical Power Systems**

Electrical Power Systems introduces electrical power generation and transmission, and the sub-systems involved in this process. Electric power systems have become increasingly utilized to transmit and transform energy for industrial, military and transportation uses. Electric power systems also enable the inclusion of alternative energy sources, such as wind, solar electric, solar thermal, geothermal and small scale hydroelectric generation into large grids.

**Credits** 3

**Course ID**

009421

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGR 4341](#) Prerequisites: [PHYS 2334](#); [ENGR 4140](#)

**Semester Offered**

Fall semester

**ENGR 4342 : Electromagnetic Fields and Waves**

This course reviews electrostatics and the steady magnetic field, Maxwell's equations. Applications to wave propagation, transmission lines, and radiation theory are emphasized.

**Credits** 3

**Course ID**

009025

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGR 4342](#) Prerequisites: [ENGR 3333/3133](#), [ENGR 3343](#)

**Semester Offered**

Spring semester, odd years

**ENGR 4343 : Computational Methods for Engineering**

An introduction to using computers to study and model physical systems, particularly those problems which are difficult or impossible to solve analytically. The focus is on concrete problems arising in the Engineering industry and Physics fields, using programming languages (e.g. Python, Matlab, C++). Students are expected to design, implement, and verify their own code, as well as incorporate standard code libraries. Topics may include numerical integration, differential equations, linear systems, molecular dynamics, finite-element methods, working with large datasets, graphics and 3d visualization.

**Credits** 3

**Course ID**

009380

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

PHYS/[ENGR 4343](#) Prerequisites: ENGR/[PHYS 3343](#), or instructor permission.

**Semester Offered**

Fall semester

**ENGR 4344 : Electrical Engineering Capstone**

This course – in combination with the Electrical Engineering Capstone Laboratory course [ENGR 4144](#) -is an upper level capstone treatment of an engineering design project (from idea over design to realization) and is executed by a team of students. The project involves application of analytical, experimental, and computational techniques to the chosen topic. Topics are chosen from the electrical engineering field according to student and faculty interest. This course is dedicated to the idea and design part, the realization of the project will take place in [ENGR 4144](#), the Electrical Engineering Capstone Laboratory.

**Credits** 3

**Course ID**

009024

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGR 4344](#) Prerequisites: [ENGR 3331](#), [ENGR 3131](#), Senior Standing

**Semester Offered**

Fall semester

**ENGR 4346 : Control Systems and Automation**

This course introduces concepts in control theory for the analysis and design of autonomous dynamic systems. It includes the development of advanced control system design concepts such as Nyquist analysis; lead-lag compensation; state feedback; parameter sensitivity; controllability; observability; introduction to non-linear and modern control.

**Credits** 3

**Course ID**

009026

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGR 4346](#) Prerequisites: [ENGR 3340](#)

**Semester Offered**

Spring semester, odd years

**ENGR 4350 : Laboratory Research Methods in Physics and Engineering**

Students participate in faculty and departmental research programs. The initial project may be continued or a new project undertaken for additional credit.

**Credits** 3

**Course ID**

007865

**Grading Basis**

Pass/Fail Option

**Course Component**

Laboratory

**Requisites**

Lab Research Methods Prerequisites: ([PHYS 2334](#), 2112) OR ([PHYS 1332](#), 1112).

**ENGR 4354 : Transport Processes**

Continuation of [ENGR 3352](#) -Transport Phenomena. Design and analysis of heat exchangers, fluid-flow systems, separation processes. Transport in single and multiphase systems.

**Credits** 3

**Course ID**

009017

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGR 4354](#) Prerequisites: [ENGR 3352](#)

**Semester Offered**

Fall semester

**ENGR 4356 : Chemical Engineering Capstone**

Capstone design of chemical processes. Included design factors are: health and safety, reliability, sustainability, cost, profitability, efficiency, environmental issues, and optimization. This course is dedicated to the idea and design part, the realization of the project will take place in [ENGR 4156](#), the Chemical Engineering Capstone Laboratory.

**Credits** 3

**Course ID**

009016

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGR 4356](#) Corequisites: [ENGR 4354](#). Prerequisites: [ENGR 2100](#), Senior Standing.

**Semester Offered**

Fall semester

**ENGR 4360 : Properties of Materials**

While many courses focus on the importance of stress and strain in engineering analysis, material selection is just as critical for design. This course focuses on processing of materials to achieve variations in material properties, types of engineering materials, and basic testing of materials to determine the material properties.

**Credits** 3

**Course ID**

009381

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGR 4360](#) Prerequisite: [ENGR 3347](#).

**Semester Offered**

Spring semester, even years

**ENGR 4364 : Fundamentals of Nanotechnology**

This course will cover fundamental concepts of nanotechnology. After introducing underlying theoretical concepts the relationship between structure, properties (mechanical, electrical, optical, chemical, magnetic), and performance of nanomaterials is investigated. Characterization and fabrication methods, as well as interdisciplinary applications such as nanoelectronics, alternative energy production, drug delivery and therapy are discussed.

**Credits** 3

**Course ID**

008949

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGR 4364](#) Prerequisites: ENGR/[PHYS 3337](#); Junior-level standing.

**Semester Offered**

Fall semester, even years

**ENGR 4391 : Internship in Engineering**

Internship in Engineering offers students the opportunity to explore and develop their careers through professional practice. This course takes place in form of an 8-10 week, full time external internship for individual students in various branches of industry and government agencies. In order to register for the course the Student must show proof to the department that they have successfully obtained an internship and register for the course for the semester in which the internship will be evaluated by UST faculty. Students have to be rising juniors or seniors to qualify for this course. In order to get course credit students have to submit detailed (week by week) documentation regarding their internship goals and achievements and fulfill further course requirements as determined by supervising faculty from the Department of Physics and Engineering.

**Credits** 3

**Course ID**

009219

**Grading Basis**

Pass/Fail Option

**Course Component**

Internship

**Requisites**

Prerequisite: Junior or Senior-Level Standing

**Semester Offered**

Fall semester

**ENGR 4392 : Directed Reading/Independent Study in Physics and Engineering**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty.

**Credits** 3

**Course ID**

001536

**Grading Basis**

Graded

**Course Component**

Independent Study

**ENGR 4393 : Special Topics in Physics and Engineering**

Upper-division treatment of selected topics of mutual interest to the faculty member and students. Permission of faculty member required. May be repeated for credit. Prerequisite: Department Consent.

**Credits** 3

**Course ID**

001540

**Grading Basis**

Graded

**Course Component**

Special Topics

**ENGR 4446 : Control Systems and Automation**

This course introduces concepts in control theory for the analysis and design of autonomous dynamic systems. It includes the development of advanced control system design concepts such as Nyquist analysis; lead-lag compensation; state feedback; parameter sensitivity; controllability; observability; introduction to non-linear and modern control.

**Credits** 4

**Course ID**

009026

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ENGR 4446](#) Prerequisites: [ENGR 3336](#)

**Semester Offered**

Fall semester, even years

**ENGR 4450 : Laboratory Research Methods in Physics and Engineering**

Students participate in faculty and departmental research programs. The initial project may be continued or a new project undertaken for additional credit.

**Credits** 4

**Course ID**

007866

**Grading Basis**

Pass/Fail Option

**Course Component**

Laboratory

**Requisites**

Lab Research Methods Prerequisites: ([PHYS 2334](#), 2112) OR ([PHYS 1332](#), 1112).

**ENGR 4492 : Directed Reading/Independent Study in Physics and Engineering**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty.

**Credits** 4

**Course ID**

001537

**Grading Basis**

Graded

**Course Component**

Independent Study

**ENGR 4493 : Special Topics in Physics and Engineering**

Upper-division treatment of selected topics of mutual interest to the faculty member and students. Permission of faculty member required. May be repeated for credit. Prerequisite: Department Consent.

**Credits** 4

**Course ID**

001541

**Grading Basis**

Graded

**Course Component**

Special Topics

## Physics

**PHYS 1102 : Physics and Engineering Scholars Seminar**

The Physics and Engineering Scholars seminar will enhance relevant concepts, techniques and problem-solving strategies needed in introductory Physics 1331 and Physics 2333 courses. The focus is on application of those concepts, techniques, and strategies to covered lecture topics in both Physics 1331 and 2333, such as motion in several dimensions, forces, energy, momentum, rotational motion, vibrations, and waves. This course is recommended for students who need to improve their quantitative reasoning and problem-solving skills to succeed in their introductory physics classes. Departmental Approval is needed to sign up for this course. This is a Pass/Fail course.

**Credits** 1

**Course ID**

008963

**Grading Basis**

Pass/Fail Option

**Course Component**

Seminar

**Requisites**

PHYS/ENGI 1102 Co/Prerequisite: [PHYS 2333](#)

**Semester Offered**

Fall and spring semesters

**PHYS 1111 : General Physics I Laboratory**

To accompany General Physics I. An introduction to research techniques, including set-up and calibration of equipment; collection of data; analysis of data, including propagation of uncertainties; reporting of results and the writing of scientific papers.

**Credits** 1

**Course ID**

001523

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[PHYS 1111](#) Corequisite: [PHYS 1331](#)

**Semester Offered**

Fall and spring semesters

**PHYS 1112 : General Physics II Laboratory**

To accompany General Physics II. An introduction to research techniques, including set-up and calibration of equipment; collection of data; analysis of data, including propagation of uncertainties; reporting of results and the writing of scientific papers.

**Credits** 1

**Course ID**

001524

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[PHYS 1112](#) Corequisite: [PHYS 1332](#)

**Semester Offered**

SP/SU

**PHYS 1113 : Introduction to Physical Science Laboratory**

This course is intended for non-science majors who want to learn about the physical laws governing the universe. It accompanies the lecture course [PHYS 1313](#). Students learn how to design and carry out experiments pertaining to topics from the lecture course. This involves developing measurement-taking skills, recording and analyzing data, and drawing conclusions from observations. Emphasis is on group collaboration and inquiry-based learning.

**Credits** 1

**Course ID**

008298

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[PHYS 1113](#) Corequisite: [PHYS 1313](#)

**Semester Offered**

Fall semester



**PHYS 1141 : Astronomy Laboratory**

This course is an introduction to astronomy, primarily aimed at non-science majors. Students study the night sky, our solar system, stars, galaxies, black holes, the Big Bang and cosmology. The course also covers the development of astronomy as a science, from Earth's earliest civilizations through scientists such as Galileo, Newton, and Einstein. The emphasis throughout is on conceptual understanding of how we came to know what we know about the Universe. The accompanying laboratory will provide practical activities to reinforce the concepts introduced in class. In addition, the lab will provide an opportunity for enlightened star-gazing as students learn how to use telescopes to locate and identify various objects in the night sky.

**Credits** 1**Course ID**

001520

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**[PHYS 1141](#) Corequisite: [PHYS 1341](#)**Semester Offered**

Fall, spring, summer semesters

**PHYS 1313 : Introduction to Physical Science**

This course is intended for non-science majors who want to learn about the physical laws governing the universe. Course topics include mechanics (how and why objects move), understanding the role of static and moving charges in electricity and magnetism, studying the properties of light, and taking a closer look at periodic properties of matter and structure of elements from the periodic table. Demonstrations and practical applications are emphasized.

**Credits** 3**Course ID**

008299

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**[PHYS 1313](#) Co-requisite: [PHYS 1113](#)**PHYS 1331 : General Physics I**

Non-calculus introduction to kinematics, mechanics, thermodynamics, optics, electromagnetism and atomic physics.

**Credits** 3**Course ID**

001521

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**[PHYS 1331](#) Prerequisite: [MATH 1430](#).**Semester Offered**

Fall and spring semesters

**PHYS 1332 : General Physics II**

Non-calculus introduction to kinematics, mechanics, thermodynamics, optics, electromagnetism and atomic physics.

**Credits** 3

**Course ID**

001522

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PHYS 1332](#) Prerequisite: [MATH 1430](#)

**Semester Offered**

SP/SU

**PHYS 1341 : Introduction to Astronomy**

This course is an introduction to astronomy, primarily aimed at non-science majors. Students study the night sky, our solar system, stars, galaxies, black holes, the Big Bang and cosmology. The course also covers the development of astronomy as a science, from Earth's earliest civilizations through scientists such as Galileo, Newton, and Einstein. The emphasis throughout is on conceptual understanding of how we came to know what we know about the Universe. The accompanying laboratory will provide practical activities to reinforce the concepts introduced in class. In addition, the lab will provide an opportunity for enlightened star-gazing as students learn how to use telescopes to locate and identify various objects in the night sky.

**Credits** 3

**Course ID**

001519

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PHYS 1341](#) Corequisite: [PHYS 1141](#)

**Semester Offered**

Fall, spring, summer semesters

**PHYS 2111 : University Physics I Laboratory**

Calculus-based university physics laboratory to accompany university Physics I. Measurement statistics, uncertainties, and least square methods for experiments, reporting of results and the writing of scientific papers in mechanics.

**Credits** 1

**Course ID**

001525

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[PHYS 2111](#) Corequisite: [PHYS 2333](#)

**Semester Offered**

Fall and spring semesters

**PHYS 2112 : University Physics II Lab**

Calculus-based university physics laboratory to accompany university Physics I. Measurement statistics, uncertainties, and least square methods for experiments, reporting of results and the writing of scientific papers in sound, heat, electricity and optics.

**Credits** 1

**Course ID**

001526

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[PHYS 2112](#) Corequisite: [PHYS 2334](#)

**Semester Offered**

Fall and spring semesters

**PHYS 2333 : University Physics I**

Calculus-based course in physics. Particle kinematics and dynamics, conservation of energy and momentum, rotational motion, waves, fluid mechanics, and thermal physics.

**Credits** 3

**Course ID**

001527

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PHYS 2333](#) Corequisites: [MATH 1431](#)

**Semester Offered**

Fall and spring semesters

**PHYS 2334 : University Physics II**

Calculus-based course in physics. Electricity, magnetism, Maxwell's equations, electromagnetic waves, optics, and introduction to modern physics.

**Credits** 3

**Course ID**

001528

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PHYS 2334](#) Prerequisite: [PHYS 2333](#); Pre/Corequisite: [MATH 1432](#).

**Semester Offered**

Fall and spring semesters

**PHYS 3130 : Junior/Senior Seminar in Physics and Engineering**

Discussion of current topics in physics. Students will be required to research, read, present and discuss current articles in the physics literature.

**Credits** 1

**Course ID**

007592

**Grading Basis**

Pass/Fail Option

**Course Component**

Seminar

**Requisites**

[PHYS 3130](#) Prerequisites: [PHYS 2334](#), 2112; Junior or Senior Standing

**Semester Offered**

Fall semester

**PHYS 3133 : Electrical Circuits Lab**

Ohm's and Kirchhoff's laws, temperature sensors and Op Amps, strain gauges, passive and active filters, and programming PLCs. Application of computers and electric and electronic principles to mechanical systems.

**Credits** 1

**Course ID**

004992

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

ENGR/[PHYS 3133](#) Prerequisites: [PHYS 2334](#), 2112. Corequisite: ENGR/[PHYS 3333](#).

**Semester Offered**

Fall semester

**PHYS 3137 : Modern Physics Laboratory**

To accompany Modern Physics lecture ([PHYS 3337](#)). An introduction into both experimental and computational laboratories concerning topics in the field of Modern Physics (i.e. particles and waves, quantum mechanics, relativity theory, molecules and solids). Students will be required to read and understand complex instructions, set up and calibrate equipment, collect and analyze data, discuss results and write laboratory reports.

**Credits** 1

**Course ID**

007760

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[PHYS 3137](#) Prerequisites: [PHYS 2334](#)/2112; Corequisite: [PHYS 3337](#)

**Semester Offered**

Spring semester

**PHYS 3138 : Advanced Laboratory**

Students study and perform a range of contemporary experiments using research equipment and techniques. Course covers a range of experimental methods including data collection, computational analysis, and presentation and communication of results.

**Credits** 1

**Course ID**

008738

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[PHYS 3138](#) Prerequisites: Co/Pre-Req: [PHYS 3337](#)/3137

**Semester Offered**

Spring semester

**PHYS 3139 : Optics Laboratory**

Examination of principles in Optics including ray optics, wave optics, passive optical components, polarization, optical modulators, interferometers, and lasers with elementary engineering and physics applications. Students will model, design, and analyze optical systems.

**Credits** 1

**Course ID**

009377

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[PHYS 3139](#) Prerequisites: [PHYS 3337](#)/3137.

**Semester Offered**

Fall semester, even years

**PHYS 3148 : Fluid Mechanics Laboratory**

Fluid Mechanics experiments will be conducted in conservation principles, viscosity, open channel flow, viscous flow, and gas dynamics. The emphasis of the course is to understand fundamentals through laboratory experiments.

**Credits** 1

**Course ID**

008384

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[PHYS 3148](#) Prerequisites: PHYS 3348, [MATH 2431](#).

**Semester Offered**

Fall semester, odd years

**PHYS 3333 : Electrical Circuits I**

Electrical circuits laws and theorems focused on DC circuit analysis. Analysis of resistive, inductive, capacitive, and Operational Amplifier circuits using Kirchhoff Laws, Thevenin equivalent circuits, and other analytical techniques.

**Credits** 3

**Course ID**

001529

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

ENGR/[PHYS 3333](#) Prerequisites: [PHYS 2334](#); PHYS2112 or Instructor Permission

**Semester Offered**

Fall semester

**PHYS 3335 : Thermodynamics**

This course focuses on the concepts and applications of thermodynamics. The central objective of this course is to demonstrate the crucial role of thermodynamics in a modern industrialized society. The course concentrates on the following: conservation equations for mass, energy, and entropy in closed and open systems; applications of the first and second laws of thermodynamics to steady-state and transient problems; properties of fluids and equations of state; power generation and refrigeration cycles; chemical and phase equilibrium.

**Credits** 3**Course ID**

001531

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**PHYS/[ENGR 3335](#) Prerequisites: [CHEM 1342](#); [MATH 1432](#); [PHYS 2334](#)**Semester Offered**

Fall semester

**PHYS 3336 : Thermodynamics**

This course focuses on the concepts and applications of thermodynamics. The central objective of this course is to demonstrate the crucial role of thermodynamics in a modern industrialized society. The course concentrates on the following: conservation equations for mass, energy, and entropy in closed and open systems; applications of the first and second laws of thermodynamics to steady-state and transient problems; properties of fluids and equations of state; power generation and refrigeration cycles; chemical and phase equilibrium.

**Credits** 3**Course ID**

001531

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**[PHYS 3336](#) Prerequisites: [CHEM 1342](#); [MATH 1432](#); [PHYS 2334](#)**Semester Offered**

Spring semester

**PHYS 3337 : Modern Physics**

A quantitative survey of the 20th century revolution of special relativity and quantum mechanics. Applications will be included from the fields of atomic and molecular structure, statistical mechanics, solid state, material science, biophysics, and bioengineering, nuclear physics, elementary particles, astrophysics and cosmology.

**Credits** 3

**Course ID**

007591

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PHYS 3337](#) Prerequisites: [PHYS 2334/2112](#); Corequisites: [PHYS 3137](#).

**Semester Offered**

Spring semester

**PHYS 3338 : Classical Mechanics**

A theoretical study of classical motion beginning with Newtonian mechanics, and progressing to the Lagrangian and Hamiltonian formulations of dynamics. Conservation laws, systems of particles, oscillations, gravitation, central forces, non-inertial frames, rigid bodies, non-linear systems and chaos.

**Credits** 3

**Course ID**

008453

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PHYS 3338](#) Prerequisites: [PHYS 2334/2112](#), ENGR/[PHYS 3343](#)

**PHYS 3339 : Optics**

Examination of principles in optics including ray optics, wave optics, passive optical components, polarization, optical modulators, interferometers, and lasers with elementary engineering and physics applications.

**Credits** 3

**Course ID**

009378

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PHYS 3339](#) Prerequisites: [PHYS 3337/3137](#).

**Semester Offered**

Fall semester, even years



**PHYS 3340 : Astrophysics**

An introduction to Astrophysics and Cosmology. The lecture work will be supplemented by several observational labs. Students study the principles and mathematical/computational models of contemporary Astrophysics and Cosmology, as informed by not only classical physics, but also General Relativity and Quantum Mechanics. Topics include basic understanding of observational astronomy including operation of a telescope, structure and evolution of stars and galaxies, nucleosynthesis, and cosmology.

**Credits** 3

**Course ID**

009382

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PHYS 3340](#) Prerequisites: [PHYS 3337](#), [MATH 1432](#), or instructor permission.

**Semester Offered**

Spring semester, even years

**PHYS 3343 : Mathematical Methods for Physics and Engineering**

A survey of mathematical methods used in advanced physics and engineering courses, including linear algebra and linear systems, vector analysis, complex variables, ordinary and partial differential equations, Fourier series, integral transforms, and special functions. Emphasis is on physical applications, using both analytical and computational solutions to problems.

**Credits** 3

**Course ID**

008501

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PHYS 3343](#) Prerequisites: [PHYS 2334](#), [MATH 1432](#)

**PHYS 3346 : Electrical Circuits II**

Second semester of Electrical circuits course sequence focused on AC circuit analysis. Course includes a treatment of AC circuits analysis, AC power analysis, transfer functions and filters, three-phase circuits, and Laplace transform and Fourier analysis techniques for complex waveforms.

**Credits** 3

**Course ID**

009423

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

ENGR/[PHYS 3346](#) Prerequisites: PHYS/[ENGR 3333](#) or instructor permission.

**Semester Offered**

Spring semester

**PHYS 4150 : Laboratory Research Methods in Physics and Engineering**

Students participate in faculty and departmental research programs. The initial project may be continued or a new project undertaken for additional credit.

**Credits** 1

**Course ID**

007862

**Grading Basis**

Pass/Fail Option

**Course Component**

Laboratory

**Requisites**

Lab Research Methods Prerequisites: ([PHYS 2334](#), 2112) OR ([PHYS 1332](#), 1112).

**Semester Offered**

Fall semester

**PHYS 4192 : Directed Reading/Independent Study in Physics and Engineering**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty.

**Credits** 1

**Course ID**

001534

**Grading Basis**

Graded

**Course Component**

Independent Study

**PHYS 4250 : Laboratory Research Methods in Physics and Engineering**

Students participate in faculty and departmental research programs. The initial project may be continued or a new project undertaken for additional credit.

**Credits** 2

**Course ID**

007864

**Grading Basis**

Pass/Fail Option

**Course Component**

Laboratory

**Requisites**

Lab Research Methods Prerequisites: ([PHYS 2334](#), 2112) OR ([PHYS 1332](#), 1112).

**PHYS 4292 : Directed Reading/Independent Study in Physics and Engineering**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty.

**Credits** 2

**Course ID**

001535

**Grading Basis**

Graded

**Course Component**

Independent Study

**PHYS 4293 : Special Topics in Physics and Engineering**

Upper-division treatment of selected topics of mutual interest to the faculty member and students. Permission of faculty member required. May be repeated for credit. Prerequisite: Department Consent.

**Credits** 2

**Course ID**

001539

**Grading Basis**

Graded

**Course Component**

Special Topics

**Semester Offered**

Fall and spring semesters

**PHYS 4333 : Electromagnetism**

Theory and application of electric and magnetic fields and their interactions with matter. Topics include electro- and magnetostatics, dynamics, and Maxwell's Equations with applications to transmission, radiation, and wave propagation. This course incorporates vector analysis and boundary-value problems.

**Credits** 3

**Course ID**

008452

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

ENGR/[PHYS 4333](#) Prerequisites: [PHYS 3333](#) or Instructor Permission.

**Semester Offered**

Spring semester

**PHYS 4334 : Quantum Mechanics**

An advanced contemporary undergraduate treatment of the foundation and fundamental principles of Quantum Theory. Topics include the uncertainty principle, the wave nature of matter, Schroedinger's wave equation in one and three dimensions, the quantum nature of energy and angular momentum, harmonic oscillator, applications to atoms and molecules, and perturbation theory. Mathematical concepts are treated that arise in quantum mechanics, including operators, eigenvectors and eigenvalues, Hilbert space, Dirac notation and boundary value problems.

**Credits** 3

**Course ID**

008451

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PHYS 4334](#) Prerequisites: [PHYS 3337/3137](#), [PHYS 3343](#)

**Semester Offered**

Fall semester, odd years

**PHYS 4343 : Computational Methods for Engineering**

An introduction to using computers to study and model physical systems, particularly those problems which are difficult or impossible to solve analytically. The focus is on concrete problems arising in the Engineering industry and Physics fields, using programming languages (e.g. Python, Matlab, C++). Students are expected to design, implement, and verify their own code, as well as incorporate standard code libraries. Topics may include numerical integration, differential equations, linear systems, molecular dynamics, finite-element methods, working with large datasets, graphics and 3d visualization.

**Credits** 3

**Course ID**

009380

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

PHYS/[ENGR 4343](#) Prerequisites: ENGR/[PHYS 3343](#), or instructor permission.

**Semester Offered**

Offered as needed

**PHYS 4350 : Laboratory Research Methods in Physics and Engineering**

Students participate in faculty and departmental research programs. The initial project may be continued or a new project undertaken for additional credit.

**Credits** 3

**Course ID**

007865

**Grading Basis**

Pass/Fail Option

**Course Component**

Laboratory

**Requisites**

Lab Research Methods Prerequisites: ([PHYS 2334](#), 2112) OR ([PHYS 1332](#), 1112).

**PHYS 4364 : Fundamentals of Nanotechnology**

This course will cover fundamental concepts of nanotechnology. After introducing underlying theoretical concepts the relationship between structure, properties (mechanical, electrical, optical, chemical, magnetic), and performance of nanomaterials is investigated. Characterization and fabrication methods, as well as interdisciplinary applications such as nanoelectronics, alternative energy production, drug delivery and therapy are discussed.

**Credits** 3

**Course ID**

008514

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PHYS 4364](#) Prerequisites: [PHYS 3337](#); Junior-level standing.

**Semester Offered**

Fall semester, even years

**PHYS 4392 : Directed Reading/Independent Study in Physics and Engineering**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty.

**Credits** 3

**Course ID**

001536

**Grading Basis**

Graded

**Course Component**

Independent Study

**PHYS 4393 : Special Topics in Physics and Engineering**

Upper-division treatment of selected topics of mutual interest to the faculty member and students. Permission of faculty member required. May be repeated for credit. Prerequisite: Department Consent.

**Credits** 3

**Course ID**

001540

**Grading Basis**

Graded

**Course Component**

Special Topics

**Semester Offered**

Fall and spring semesters

**PHYS 4450 : Laboratory Research Methods in Physics and Engineering**

Students participate in faculty and departmental research programs. The initial project may be continued or a new project undertaken for additional credit.

**Credits** 4

**Course ID**

007866

**Grading Basis**

Pass/Fail Option

**Course Component**

Laboratory

**Requisites**

Lab Research Methods Prerequisites: ([PHYS 2334](#), 2112) OR ([PHYS 1332](#), 1112).

**PHYS 4492 : Directed Reading/Independent Study in Physics and Engineering**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty.

**Credits** 4

**Course ID**

001537

**Grading Basis**

Graded

**Course Component**

Independent Study

**PHYS 4493 : Special Topics in Physics and Engineering**

Upper-division treatment of selected topics of mutual interest to the faculty member and students. Permission of faculty member required. May be repeated for credit. Prerequisite: Department Consent.

**Credits** 4

**Course ID**

001541

**Grading Basis**

Graded

**Course Component**

Special Topics

**Semester Offered**

Fall and spring semesters

## Psychology

Department Chair: Dr. Crystal D. Tran, [trandn1@stthom.edu](mailto:trandn1@stthom.edu)

Psychologists use the scientific method to study behavior and mental processes. The Psychology Department offers courses that develop students' understanding of human nature and functioning, train students in the methods of scientific psychology, and prepare them to solve important human problems. The department provides:

- A curriculum that integrates scientific, ethical and social justice perspectives on the nature of humans.
- A program of undergraduate study in psychology that emphasizes empirical research methods, focuses on social justice issues, and prepares students for employment and graduate or professional training.

**PSYC 1332 : General Psychology**

An introduction to the basic processes and principles of human behavior. Methods and findings which characterize scientific psychology, including historical and recent developments in the following areas, will be covered: motivation; perceptual, cognitive and physiological processes; and social, personality and abnormal processes. NOTE: General Psychology is a minimum prerequisite for all other psychology courses. Students may enroll simultaneously in General Psychology and [PSYC 3433](#).

**Credits** 3

**Course ID**

001615

**Grading Basis**

Graded

**Course Component**

Lecture

**PSYC 2301 : General Psychology**

An introduction to the basic processes and principles of human behavior. Methods and findings which characterize scientific psychology, including historical and recent developments in the following areas, will be covered: motivation; perceptual, cognitive and physiological processes; and social, personality and abnormal processes.

**Credits** 3

**Course ID**

009361

**Grading Basis**

Graded

**Course Component**

Lecture

**PSYC 2332 : Child Psychology**

A study of the physical, psychological and social development of the child up to approximately age 13. Motor, perceptual, cognitive, emotional and social functioning are reviewed with emphasis on biological, environmental, and cultural factors. Prerequisite: [PSYC 1332](#).

**Credits** 3

**Course ID**

001617

**Grading Basis**

Graded

**Course Component**

Lecture

**PSYC 3138 : Experimental Psychology Laboratory**

Focuses on applied research methodology, data collection and report writing. Corequisite: [PSYC 3338](#).; Prerequisite: [PSYC 1332](#).

**Credits** 1

**Course ID**

001619

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[PSYC 3138](#) Prerequisite: [PSYC 3433](#)

**PSYC 3333 : Statistical Mthds Behvrl Sci**

**Credits** 3

**Course ID**

007975

**Grading Basis**

Graded

**Course Component**

Lecture

**PSYC 3337 : Abnormal Psychology**

A study of past and present conceptions of abnormality, the dynamics underlying normal and abnormal behavior and an examination of the key classification systems utilized in understanding abnormal behavior. Issues related to etiology, the nature of development and symptoms of abnormal behavior are reviewed.

Prerequisite: [PSYC 1332](#).

**Credits** 3

**Course ID**

001622

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PSYC 3337](#) Prerequisite: [PSYC 1332](#)

**PSYC 3338 : Experimental Psychology**

An introductory course in research methodology and its application to psychological domains. Research design, measurement, data collection, analysis and write-up will be covered. Corequisite: [PSYC 3138](#); Prerequisites:

[PSYC 1332](#), 3433, 3434.

**Credits** 3

**Course ID**

001623

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PSYC 3338](#) Prerequisites: [PSYC 3433](#)

**PSYC 3339 : Human Growth and Development**

([SPED 3339](#)) Explores general processes of development: physical, cultural, interpersonal, emotional and the interrelationships among these processes across the lifespan. Prerequisite: [PSYC 1332](#).

**Credits** 3

**Course ID**

001624

**Grading Basis**

Graded

**Course Component**

Lecture



**PSYC 3341 : Theories of Personality**

Consists of the study and evaluation of theories of personality. Psychoanalytic, behavioral, existential and humanistic theories will be studied. Emphasis is placed on the structure and dynamics of human behavior and empirical findings related to theories. Prerequisite: [PSYC 1332](#).

**Credits** 3

**Course ID**

001625

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PSYC 3341](#) Prerequisite: [PSYC 1332](#)

**PSYC 3345 : Sport Psychology**

The field of sport psychology examines psychological variables that impact athletic participation, performance, and enjoyment in sport. This course explores theories and research across diverse areas of psychology, including personality, cognitive, social, and clinical, with an emphasis on using theories and research to educate athletes, coaches, parents, athletic trainers, and fitness professionals about the psychological aspects of sport.

**Credits** 3

**Course ID**

008873

**Grading Basis**

Graded

**Course Component**

Lecture

**PSYC 3351 : Industrial/Organizational Psychology**

Explores the psychology of organizations, with applications in business and industry, and is rooted in research methodology and theories of scientific psychology. Topics include the nature, design and development of organizations; personnel psychology, with an emphasis on psychological testing; motivation; decision-making; leadership; and conflict within the organization. Prerequisite: [PSYC 1332](#).

**Credits** 3

**Course ID**

001626

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PSYC 3351](#) Prerequisite: [PSYC 1332](#)

**PSYC 3352 : Health Psychology**

The course is designed to introduce the students to the growing field of health psychology. Students will learn how to apply psychological theories and techniques to research on how factors influence health and how psychosocial interventions can improve physical health and/or increase the quality of life. Prerequisites: [PSYC 1332](#), 3433, 3434, 3338.

**Credits** 3

**Course ID**

006134

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PSYC 3352](#) Prerequisites: [PSYC 1332](#)

**PSYC 3433 : Foundations of Statistical Analysis**

An introduction to the use of descriptive statistics, exploratory analyses, probabilities, prediction, and model-fitting, this course will provide opportunities for the use of SPSS for statistical analysis, the interpretation of published empirical studies and the interpretation and reporting of statistical results. Prerequisite: [PSYC 1332](#).

**Credits** 4

**Course ID**

005700

**Grading Basis**

Graded

**Course Component**

Lecture

**PSYC 3434 : Inferential Statistics**

An introduction to the use of inferential statistics including univariate and multivariate data analyses. This course will provide opportunities for the use of SPSS for statistical analysis, the interpretation of published empirical studies and the interpretation and reporting of statistical results. Prerequisites: [PSYC 1332](#), 3433.

**Credits** 4

**Course ID**

005766

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PSYC 3434](#) Prerequisites: C- or better in [PSYC 3433](#)

**PSYC 4191 : Internship in Psychology**

A one-semester internship related to the student's special interest and preparation in undergraduate psychology with academic and field supervision. Seniors in good academic standing may apply. Prerequisites: senior status and screening by psychology faculty committee.

**Credits** 1

**Course ID**

001627

**Grading Basis**

Graded

**Course Component**

Internship

**Requisites**

[PSYC 4191](#) Prerequisite: [PSYC 1332](#), Senior Standing

**PSYC 4192 : Directed Reading/Independent Study in Psychology**

Entails extensive reading of scholarly sources to enable majors to secure specialized, individual instruction. The course involves a major paper or project. Prerequisites: a minimum of 18 credit hours of psychology; Permission of the faculty member required.

**Credits** 1

**Course ID**

001633

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[PSYC 4192](#) Prerequisite: 18 Hours Psychology

**PSYC 4212 : Neuropsychology Research Topics**

This is a capstone class for students minoring in Neuroscience. Students will read and present on current primary literature and learn how to critically evaluate scientific claims. Students will study primary Neuroscience literature in order to learn and apply appropriate statistical methods, strategies for reading scientific literature, and tips for successful oral presentation of technical material. Students will be graded heavily on participation and performance on the final presentation. Prerequisite: [PSYC 3434](#) or [MATH 3450](#) and [BIOL 3339](#)

**Credits** 2

**Course ID**

008353

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[BIOL 4212](#) Prerequisites: ([PSYC 3434](#) OR [MATH 3450](#)); [BIOL 3339](#)

**PSYC 4291 : Internship in Psychology**

A one-semester internship related to the student's special interest and preparation in undergraduate psychology with academic and field supervision. Seniors in good academic standing may apply. Prerequisites: senior status and screening by psychology faculty committee.

**Credits** 2

**Course ID**

005099

**Grading Basis**

Graded

**Course Component**

Internship

**Requisites**

[PSYC 4291](#) Prerequisite: [PSYC 1332](#), Senior Standing

**PSYC 4292 : Directed Reading/Independent Study in Psychology**

Entails extensive reading of scholarly sources to enable majors to secure specialized, individual instruction. The course involves a major paper or project. Prerequisites: a minimum of 18 credit hours of psychology; Permission of the faculty member required.

**Credits** 2

**Course ID**

001634

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[PSYC 4292](#) Prerequisite: 18 Hours Psychology

**PSYC 4320 : Sociocultural Perspectives on Sport**

An introduction to the social institution of sport, and its different role in the various multicultural contexts of the United States and other societies. The course will examine topics such as the social organization of sport from play to professional sport, deviance and violence in sport, the influence of sport on different social groups, and the effects on socialization from participating in and spectating in sport.

**Credits** 3

**Course ID**

008965

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PSYC 4320](#) Prerequisites: [PSYC 1332](#)

**Semester Offered**

Fall semester

**PSYC 4337 : Counseling and Psychotherapy**

An introduction to the theory and practice of counseling and psychotherapy, including psychoanalysis, ego therapies, behavior therapy, family therapy and humanistic/existential therapy. Prerequisite: [PSYC 1332](#). [PSYC 3337](#) or 3341 is strongly recommended.

**Credits** 3

**Course ID**

001643

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PSYC 4337](#) Prerequisite: [PSYC 1332](#)

**PSYC 4341 : Program Assessment and Evaluation**

Program Assessment and Evaluation

**Credits** 3

**Course ID**

008285

**Grading Basis**

Graded

**Course Component**

Lecture

**PSYC 4342 : Psychology of the Adolescent**

The study of the physical, psychological and social development of the adolescent, from approximately age thirteen to young adulthood. Course includes family and peer influences on development; self and identity development; adolescent psychopathology, sexuality and cognition; schools and workplaces as contexts for socialization. Prerequisite: [PSYC 1332](#).

**Credits** 3

**Course ID**

001644

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PSYC 4342](#) Prerequisite: [PSYC 1332](#)

**PSYC 4345 : Applications and Careers in the Psychological Sciences**

This course explores how the psychological sciences are applied in practice, and identifies education and training paths required for work in the psychological sciences. Students will gain significant exposure to career and education planning considerations within psychology and its various sub-specialties (basic and applied research settings).

**Credits** 3

**Course ID**

008983

**Grading Basis**

Graded

**Course Component**

Applied Studies

**Requisites**

[PSYC 4345](#) Prerequisite: [PSYC 1332](#) and Junior or Senior-Level Standing.

**PSYC 4380 : Research in Applied Psychology**

This research capstone is designed to provide students hands-on experience in designing and conducting their own research project in the area of Applied Psychology, which could have various settings and professions which require the use and application of psychology and psychological principles. Prerequisite: [PSYC 3338/3138](#).

**Credits** 3

**Course ID**

008092

**Grading Basis**

Graded

**Course Component**

Research

**PSYC 4381 : Research in Personality Psychology**

Students will be introduced to research principles and practices related to personality and social-emotional functioning. While working in groups, students will collect empirical data in the community, analyze data using SPSS, and report their results orally and in writing. Prerequisites: [PSYC 3338/3138](#).

**Credits** 3

**Course ID**

001645

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PSYC 4381](#) Prerequisites: [PSYC 3338/3138](#), 3433, 3434

**PSYC 4382 : Research in Social Psychology**

project. Formal lectures will be included. May be repeated once with different experience. Prerequisites: [PSYC 3338/3138](#), 3433, 3434 and 4434, or permission of faculty member.

**Credits** 3

**Course ID**

001646

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PSYC 4382](#) Prerequisites: [PSYC 3338/3138](#), 3433, 3434, 4434.

**PSYC 4383 : Research in Industrial/Organizational Psychology**

Current topics in Industrial/Organizational psychology are addressed through journal review, field research, survey research and/or program design. The course is designed as a collaborative research effort between students and the faculty member. May be repeated once with different focus. Prerequisites: [PSYC 3338/3138](#).

**Credits** 3

**Course ID**

001647

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PSYC 4383](#) Prerequisites: [PSYC 3338/3138](#), 3351, 3433, 3434

**PSYC 4384 : Research in Cognitive Psychology**

Laboratory or field-based course that provides hands-on research experiences in cognitive psychology. May be repeated once with different experience. Prerequisites: [PSYC 3338/3138](#).

**Credits** 3

**Course ID**

001648

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PSYC 4384](#) Prerequisites: [PSYC 3338/3138](#), 3433, 3434

**PSYC 4385 : Research in Developmental Psychology**

Designed to involve students directly in developmental research, primarily observational research design, data collection and analysis. Formal writing of the portion of the research with which students were involved is required. May be repeated once with different experience. Prerequisites: [PSYC 3338/3138](#).

**Credits** 3

**Course ID**

001649

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PSYC 4385](#) Prerequisites: 3338/3138, 3433, 3434, and one developmental course (2332, 3339, or 4342)

**PSYC 4388 : Research in Psychology I**

Research in Psychology I will guide students through the beginning of the research process focusing on effective background research, developing a clear testable hypothesis, and designing a study to address their hypotheses. Students will write a well-developed research proposal as well as complete a UST IRB application for their project.

**Credits** 3

**Course ID**

008871

**Grading Basis**

Graded

**Course Component**

Research

**Requisites**

[PSYC 4388](#) Prerequisites: [PSYC 3138](#), 3338

**Semester Offered**

Fall and spring semesters

**PSYC 4389 : Research in Psychology II**

Research in Psychology II will guide students through the middle and conclusion of the research process focusing on implementing an approved research proposal. Students will collect data, analyze it, and produce a report for presentation as a poster or paper.

**Credits** 3

**Course ID**

008872

**Grading Basis**

Graded

**Course Component**

Research

**Requisites**

[PSYC 4389](#) Prerequisites: [PSYC 3138](#), 3338.

**Semester Offered**

Fall and spring semesters



**PSYC 4391 : Internship in Psychology**

A one-semester internship related to the student's special interest and preparation in undergraduate psychology with academic and field supervision. Seniors in good academic standing may apply. Prerequisites: senior status and screening by psychology faculty committee.

**Credits** 3

**Course ID**

001629

**Grading Basis**

Graded

**Course Component**

Internship

**Requisites**

[PSYC 4391](#) Prerequisite: [PSYC 1332](#), Senior Standing

**PSYC 4392 : Directed Reading/Independent Study in Psychology**

Entails extensive reading of scholarly sources to enable majors to secure specialized, individual instruction. The course involves a major paper or project. Prerequisites: a minimum of 18 credit hours of psychology; Permission of the faculty member required.

**Credits** 3

**Course ID**

001635

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[PSYC 4392](#) Prerequisite: 18 Hours Psychology

**PSYC 4393 : Special Topics in Psychology**

Topics will be selected on the basis of current issues in contemporary psychology and on the basis of faculty research and scholarly interests. Topics will be announced on the UST website. Recent topics include Psychology of Women, Psychology of Religion, Cultural Intelligence, and Psychology of Creativity. Prerequisite: [PSYC 1332](#).

**Credits** 3

**Course ID**

001639

**Grading Basis**

Graded

**Course Component**

Special Topics

**Requisites**

[PSYC 4393](#) Prerequisites: [PSYC 1332](#)

**PSYC 4434 : Experimental Social Psychology**

This course studies knowledge related to the experience and behavior of individuals in interaction with one another in sociocultural settings. Laboratory activities provide hands-on experience in related research.

Prerequisites: PSYC 3433.

**Credits** 4

**Course ID**

001650

**Grading Basis**

Graded

**Course Component**

Lecture

**PSYC 4435 : Cognitive Psychology**

An introduction to research, theory and applications of memory, thinking, language, reasoning, decision-making, problem-solving and creativity. Laboratory activities provide hands-on experience in related research. Prerequisites: [PSYC 3433](#).

**Credits** 4

**Course ID**

001651

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PSYC 4435](#) Prerequisites: [PSYC 3433](#)

**PSYC 4436 : Perception**

A survey of research, theory and applications of perceptual experiences and their underlying sensory processes. The course examines sensory/perceptual disorders and unusual perceptual performances. Laboratory activities provide hands-on experiences in related research. Prerequisites: [PSYC 3433](#).

**Credits** 4

**Course ID**

005767

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PSYC 4436](#) Prerequisites: [PSYC 1332](#), 3433

**PSYC 4438 : Biopsychology**

Reviews brain structure and function and surveys the role of the central nervous system in sensation, perception, movement, regulation of internal states, learning and memory, language, brain damage and psychological disorders. Laboratory activities focus on brain structure and function, sensation/perception simulations and other computer-based activities. Prerequisites: [PSYC 3433](#).

**Credits** 4

**Course ID**

001652

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PSYC 4438](#) Prerequisites: [PSYC 1332](#), 3433

**PSYC 4439 : Special Topics in Applied Psychology**

This lab course surveys the various settings and professions which require the use and application of psychology and psychological principles. The course will focus on a specific area in applied psychology and provide descriptions of the settings in which various psychologists, including clinical psychologists, developmental psychologists, or others in related fields do their work. Students will engage in hands-on laboratory exercises and assignments as part of the course work. Prerequisite: [PSYC 3433](#)

**Credits** 4

**Course ID**

008087

**Grading Basis**

Graded

**Course Component**

Special Topics

**PSYC 4440 : Psychometrics**

This course reviews principles of psychological test construction, administration, evaluation and interpretation. Students will be exposed to measurement theory, ethical standards, reliability, validity, item analysis and standardization. Students will be introduced to psychological testing of intelligence, personality and psychopathology. Laboratory activities will provide hands-on experience with the measurement of a psychological construct. Prerequisites: [PSYC 3338/3138](#).

**Credits** 4

**Course ID**

001653

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PSYC 4440](#) Prerequisites: [PSYC 3338](#), 3138

**PSYC 4491 : Internship in Psychology**

A one-semester internship related to the student's special interest and preparation in undergraduate psychology with academic and field supervision. Seniors in good academic standing may apply. Prerequisites: senior status and screening by psychology faculty committee.

**Credits** 4

**Course ID**

001630

**Grading Basis**

Graded

**Course Component**

Internship

**Requisites**

[PSYC 4491](#) Prerequisite: [PSYC 1332](#), Senior Standing

**PSYC 4492 : Directed Reading/Independent Study in Psychology**

Entails extensive reading of scholarly sources to enable majors to secure specialized, individual instruction. The course involves a major paper or project. Prerequisites: a minimum of 18 credit hours of psychology; Permission of the faculty member required.

**Credits** 4

**Course ID**

001636

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[PSYC 4492](#) Prerequisite: 18 Hours Psychology

**PSYC 4691 : Internship in Psychology**

A one-semester internship related to the student's special interest and preparation in undergraduate psychology with academic and field supervision. Seniors in good academic standing may apply. Prerequisites: senior status and screening by psychology faculty committee.

**Credits** 6

**Course ID**

001632

**Grading Basis**

Graded

**Course Component**

Internship

**Requisites**

[PSYC 4691](#) Prerequisites: [PSYC 1332](#), Senior Standing

# John Paul II Studies

## **JPII 3300 : Redemptor Hominis - Witness JPII**

On the life and thought of John Paul II through a consideration of his autobiographical writings and selections from his works; the convergence of his artistic, philosophical, theological, spiritual and pastoral gifts lead to a study of his first encyclical, Redemptor Hominis.

**Credits** 3

**Course ID**

009122

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[JPII 3300](#) Prerequisites: [PHIL 1311](#), 2314.

**Semester Offered**

Fall semester

## **JPII 3305 : Faith & Reason according to JPII**

An exploration of the encyclical Fides et Ratio (On the Relationship between Faith and Reason).

**Credits** 3

**Course ID**

009123

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[JPII 3305](#) Prerequisites: [JPII 3300](#)

**Semester Offered**

Fall semester

## **JPII 3308 : Vatican II & Sources of Renewal**

This course examines the event, documents, and reception of Vatican Council II as evident through the participation and writings of Cardinal Karol Wojtyla, (Sources of Renewal) and various writings of Pope John Paul II.

**Credits** 3

**Course ID**

009124

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[JPII 3308](#) Prerequisite: [JPII 3300](#)

**Semester Offered**

Spring semester

**JPII 3310 : Thomistic Personalism**

This course seeks to explicate the philosophical project and method of John Paul II through an explanation of the Thomistic character of his thought and the role of phenomenology in exploring the subjectivity of the person. The focus will be on conscience, Person and Act and Veritatis Splendor ("The Splendor of Truth").

**Credits** 3

**Course ID**

009125

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[JPII 3310](#) Prerequisite: [JPII 3300](#)

**Semester Offered**

Spring semester

**JPII 3315 : Family & Civilization of Love**

A close study of Love and responsibility. The notions of Communion of persons, the law of free giving, and the vocation of marriage are a focus for the course. In Evangelium Vitae we study the role of the family in a civilization of love and the threats from a culture of death.

**Credits** 3

**Course ID**

009126

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[JPII 3315](#) Prerequisites: [JPII 3300](#)

**Semester Offered**

Fall semester

**JPII 3325 : Divine Mercy & Holy Spirit**

A study of the two encyclicals completing the Trinitarian vision of John Paul II, Dives in Misericordia & Dominum et Vivificantem; the meaning of mercy in the OT and NT, define its special characteristics in relation to justice and understand the meaning of the cross in mercy as the work of the Church. The Holy Spirit sustains the Church in its mission. The life and work of St Faustina will be of special interest for this course.

**Credits** 3

**Course ID**

009127

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[JPII 3325](#) Prerequisites: [JPII 3300](#)

**Semester Offered**

Spring semester

**JPII 3330 : Social-political Teaching JPII**

A study of the social encyclicals of John Paul II; this course explores the dignity of the person in community through work, family, social solidarity, economic development, culminating in the participation in cultural and political life. Human rights, freedom of conscience & right to freedom of religion.

**Credits** 3

**Course ID**

009128

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[JPII 3330](#) Prerequisites: [JPII 3300](#), 3315

**Semester Offered**

Fall semester

**JPII 3335 : Mission & New Evangelization**

On the Christian engagement with culture and education studies the encyclical Redemptoris Missio ("The Mission of the Redeemer"). It examines the special role of the laity in apostolate to culture and the framework for the training and education of the laity. Also included are Ut unum sint and Christifidelis Laici.

**Credits** 3

**Course ID**

009129

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[JPII 3335](#) Prerequisites: [JPII 3300](#)

**Semester Offered**

Spring semester

## Polish

**PLSH 1331 : Elementary Polish I**

Provide the student with vocabulary, grammar and cultural insight via an introduction Polish language and associated culture.

**Credits** 3

**Course ID**

008825

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Offered as needed

**PLSH 1332 : Elementary Polish II**

Provide the student with vocabulary, grammar and cultural insight via an introduction Polish language and associated culture.

**Credits** 3

**Course ID**

008826

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PLSH 1332](#) Prerequisite: [PLSH 1331](#)

**Semester Offered**

Offered as needed

**PLSH 2300 : Introduction to Polish Culture**

Major characteristics and historical stages of the development of Polish Culture with a special emphasis on Literature, as well as European contexts and question of Polish distinctiveness, both religious and secular.

**Credits** 3

**Course ID**

008987

**Grading Basis**

Graded

**Course Component**

Lecture

**PLSH 2331 : Intermediate Polish I**

Continuation of Elementary Polish. The course offers further development of grammatical and communicative skills, as well as standard idiom, in the broader context of Polish culture and everyday life. Development of skills in reading Polish texts.

**Credits** 3

**Course ID**

008827

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PLSH 2331](#) Prerequisite: [PLSH 1332](#)

**Semester Offered**

Offered as needed



**PLSH 2332 : Intermediate Polish II**

Continuation of Elementary Polish. The course offers further development of grammatical and communicative skills, as well as standard idiom, in the broader context of Polish culture and everyday life. Development of skills in reading Polish texts.

**Credits** 3

**Course ID**

008828

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PLSH 2332](#) Prerequisite: [PLSH 2331](#)

**Semester Offered**

Offered as needed

**PLSH 3310 : Poland in the 20th Century**

The History of 20th Century Poland, including such topics as nationalism, reestablishment of independence, Poland under totalitarian systems, and the Solidarity Era and return to freer politics and society. Politics will receive considerable attention, as well as cultural, economic and religious history, with some attention to the place of Poland in the wider world.

**Credits** 3

**Course ID**

008988

**Grading Basis**

Graded

**Course Component**

Lecture

**PLSH 3315 : The History of XVI-XIX Century**

The course is designed to present students the key aspects of over 300 years of Polish history from the so-called "Golden Age" of the Polish-Lithuanian Commonwealth in late XVIc to the partitions of Poland in the XIXc and national uprisings. This fascinating and turbulent period will be described from the political, cultural and social view. The class is a combination of series of lectures and in-class discussions. Students will write two brief essays about two chosen topics from the list.

**Credits** 3

**Course ID**

009044

**Grading Basis**

Graded

**Course Component**

Lecture

**PLSH 3320 : Polish Texans: The History of Texas Polonia**

Selected topics to study the past 200 years of history concerning the Polish immigration to Texas, reasons for their departure and their contributions to Texas/US as it relates to economics, religion, politics, and culture.

**Credits** 3

**Course ID**

009045

**Grading Basis**

Graded

**Course Component**

Lecture

**PLSH 3325 : Contemporary Poland**

The course is designed to present students the most important facts, events about modern Poland XX/XXI century, including the political situation, Polish business, daily life, tourism, Polish customs and traditions. The class is a combination of series of lectures and in-class discussion. A separate bibliography will be provided for each module. Material will be also provided by instructor. Students will write two presentations about two chosen topics from the list. The participants' knowledge will be checked during the midterm exam (test) in Module 7 and the final exam in module 15 (test).

**Credits** 3

**Course ID**

009081

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Offered as needed

**PLSH 3330 : Contemporary Polish Cinema**

The course is intended as a review of Polish cinema from 1945 to the present day, as an example of national and European cinema. We will look at the films from both historical and aesthetic perspectives to show the main trends of Polish cinema, such as Socialist realism, Polish film school, cinema of moral concern etc. In this way, we will discuss the work of some of the most important Polish filmmakers (Andrzej Wajda, Andrzej Munk, Roman Polanski, Agnieszka Holland, Krzysztof Kieslowski and others). The classes were conceived as a series of lectures combined with a discussion on selected Polish films. Students will prepare presentations on film directors for each class. The participants' knowledge will be checked during the midterm and final exam.

**Credits** 3

**Course ID**

009082

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Offered as needed

**PLSH 3335 : Contemporary Polish Writers**

Using contemporary Polish literature, the course is designed to introduce topics of Polish culture, history, and society for English language readers. Works by Polish writers not only possess high aesthetic values, but also serve as artistic records revealing the major upheavals of Polish history: partitions, lack of independence, communism, the democratic movement. Applying interdisciplinary tools, students will decipher a manifold depiction of Polish culture and society.

**Credits** 3

**Course ID**

009290

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Offered as needed

**PLSH 4392 : Directed Reading/Independent Study in Polish**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty.

**Credits** 3

**Course ID**

009254

**Grading Basis**

Graded

**Course Component**

Independent Study

**Semester Offered**

Offered as needed

## Air Force Science

**Commander and Professor:** LTC Lynn Bentley III

**Associate Professors:** Major Shawn Owens and Major Albert Meza

The Air Force Reserve Officer Training (ROTC) program prepares men and women of character, commitment, and courage to assume leadership positions as commissioned officers in the active duty United States Air Force. Upon completion of the curriculum, students will have a thorough understanding of the core values, leadership, teamwork, and other requirements to be an effective officer in the world's greatest Air Force. For more information on the Air Force Science program, contact the Air Force Science Department at the University of Houston by calling 713.743.4932 or online at <https://www.uh.edu/class/airforce/>.

All courses and physical training sessions take place at the University of Houston. Flight orientation occurs at airports in the Houston metro area.

## Course Credit

ROTC classes may be taken for elective credit toward any degree plan at the University of St. Thomas. Freshman and sophomore level classes are open to all students. No military obligation is incurred as a result of enrollment in these courses. Junior and senior level courses are more restrictive and do require a military obligation. ROTC scholarship students also incur a military obligation.

## Four-Year Program

The General Military Course (GMC) is the first half of the four year ROTC program and is taken during the freshman and sophomore years. This program allows the student to experience Air Force ROTC without obligation (unless the student is on an Air Force ROTC scholarship).

Each semester of the GMC consists of one classroom hour of instruction as well as Leadership Laboratory each week. During the first two years, the student will learn about the Air Force and the historical development of aerospace power. During the summer preceding the junior year, the student will compete for the opportunity to attend a four-week Field Training Unit. Successful completion of field training is mandatory for entrance into the Professional Officer Course (POC), the junior and senior years of the four year program. As a junior, the student will study the core values, leadership, teamwork, and management tools required to become an effective Air Force officer.

During the senior year students study the national security policy process, regional and cultural studies, and complete final requirements for commissioning as second lieutenants.

Enrollment in the POC is open to graduate students if they have four semesters of school remaining. Each semester of the POC consists of three classroom hours of instruction as well as Leadership Laboratory each week.

## Leadership Laboratory

As an Air Force ROTC cadet, each student is required to attend an additional two-hour class known as Leadership Laboratory. Although not part of the academic class requirement, it is an essential element of officer training. Leadership Laboratory is an intensive, military training program in which students gain invaluable leadership and managerial experience while learning about the Air Force way of life. Students have numerous opportunities to hear guest speakers and panel discussions, participate in field trips, and experience practical leadership exercises.

## AFROTC Scholarship Opportunities

Air Force ROTC offers scholarship opportunities for students at the University of St. Thomas:

**In-College Scholarship Program (ICSP)** is a highly competitive scholarship program aimed primarily at college freshmen and sophomores in any major. It offers up to \$18,000 per year in college tuition at any public or private institution with an Air Force ROTC detachment. Scholarship payment is further capped at up to \$9,000 per semester or up to \$6,000 per quarter. Selectees will also receive a monthly living expense stipend and an annual book stipend

**Reserved for Commanders' In-College Scholarships (CICS)** are offered to freshmen and sophomore cadets pursuing a technical major. It pays 100 percent tuition and authorized fees at any public or private institution with an Air Force ROTC detachment. Selectees also receive a monthly living expense stipend and an annual book stipend.

**For additional information** on AFROTC scholarship opportunities, please visit the AFROTC Website at [www.afrotc.com](http://www.afrotc.com) or call 1-800.4AFROTC.

## Field Training (FT)

Cadets completing the General Military Course attend four weeks of field training (FT) during the summer at a selected Air Force base. Those who have not completed the GMC attend an extended FT Unit. This rigorous program of leadership training, physical conditioning and academics assesses the cadet's potential to be an Air Force officer. Cadets also receive survival and firearms training and career information. Cadets receive travel pay and daily pay for FT.

## Flight Orientation Program

All cadets can volunteer to participate in a joint Air Force ROTC/Civil Air Patrol flight orientation program. This consists of eight flights, four in the front seat of a small passenger aircraft and four additional flights in the back seat as an observer. In addition, an abbreviated flying ground school course is taught in the ROTC classrooms using FAA textbooks. The flight orientation and ground school course are both free for all cadets.

## Physical Fitness Training

Cadets meet twice per week at the University of Houston Alumni Center to perform physical fitness training. The training is mandatory and emphasizes push-ups, sit-ups, and running in order to pass the USAF physical fitness test.

## Professional Development Training (PDT)

Cadets are eligible to compete to attend PDT during the summer months. PDT consists of several programs, including:

- Tours of nearby active duty Air Force bases
- Soaring and free-fall parachuting at the United States Air Force Academy(USAFA)
- Cultural and Foreign Language Immersion
- Hands-on research at Air Force laboratories
- Shadowing a Air Force officer in Operation Air Force
- Internships at NASA and other government organizations

Cadets receive travel pay and daily pay for the majority of these programs.

For more information contact Unit Admissions Officer at 713-746-3703/4932, or visit the University of Houston Air Force Website at [www.uh.edu/afrotc](http://www.uh.edu/afrotc).

## Summary

During this time of war, our mission of producing Air Force second lieutenants of character, commitment, and courage is more important than ever.

**AFSC classes below are University of Houston listings.**

**AFSC 1201 : Foundations of the USAF I**

Overall roles and missions of the USAF; career fields available. Emphasis on military customs and courtesies, appearance standards, core values, written and personal communication. Introduction to American military history.

**Credits** 2

**Course ID**

007027

**Grading Basis**

Graded

**Course Component**

Lecture

**AFSC 1202 : Foundations of the USAF II**

Overall roles and missions of the USAF; career fields available. Emphasis on military customs and courtesies, appearance standards, core values, written and personal communication. Introduction to American military history.

**Credits** 2

**Course ID**

007028

**Grading Basis**

Graded

**Course Component**

Lecture

**AFSC 2201 : Evolution of Air Power I**

Key historical events and milestones in the development of air power as a primary instrument of United States national security. Core values and competencies of leaders in the United States Air Force. Tenets of leadership and ethics.

**Credits** 2

**Course ID**

007029

**Grading Basis**

Graded

**Course Component**

Lecture

**AFSC 2202 : Evolution of Air Power II**

Key historical events and milestones in the development of air power as a primary instrument of United States national security. Core values and competencies of leaders in the United States Air Force. Tenets of leadership and ethics.

**Credits** 2

**Course ID**

007030

**Grading Basis**

Graded

**Course Component**

Lecture

**AFSC 3301 : Air Force Leadership Studies I**

Leadership, management fundamentals, professional knowledge, Air Force personnel and evaluation systems, and leadership ethics. Case studies of Air Force leadership and management situations.

**Credits** 3

**Course ID**

007031

**Grading Basis**

Graded

**Course Component**

Lecture

**AFSC 3302 : Air Force Leadership Studies II**

Leadership, management fundamentals, professional knowledge, Air Force personnel and evaluation systems, and leadership ethics. Case studies of Air Force leadership and management situations.

**Credits** 3

**Course ID**

007032

**Grading Basis**

Graded

**Course Component**

Lecture

**AFSC 3801 : Field Training**

No military obligation is associated with this course. Four week off-campus field training practicum. Introduces student to Air Force leadership. Places student in demanding and stressful leadership situations. Prerequisite: [AFSC 2202](#) or consent of chair.

**Credits** 8

**Course ID**

007033

**Grading Basis**

Graded

**Course Component**

Practicum

**AFSC 4301 : National Security Affairs I**

Evolution of the role of national security in a democratic society with emphasis on policy formation, competing values, and organizations. Civilian control of the military; roles of the services; functions of the Air Force Commands.

**Credits** 3

**Course ID**

007034

**Grading Basis**

Graded

**Course Component**

Lecture

**AFSC 4302 : National Security Affairs II**

Evolution of the role of national security in a democratic society with emphasis on policy formation, competing values, and organizations. Civilian control of the military; roles of the services; functions of the Air Force Commands.

**Credits** 3

**Course ID**

007035

**Grading Basis**

Graded

**Course Component**

Lecture

## Esports

**ESPT 2272 : Intro to Esports**

This course will provide an introduction to the world of esports. It will present an overview of the history, experience, and emerging trends in the esports industry. The students will gain an understanding of the characteristics and drivers of the esports industry.

**Credits** 2

**Course ID**

009348

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**ESPT 4272 : Contemporary Issues in Esports**

This course presents the current issues confronting esports, including topics relating esports business and performance, among others. Every week, students will review major current events and hear from individuals currently working in the industry. Students will be required to critically examine the issues facing the esports industry through readings, assignments, discussion and projects.

**Credits** 2

**Course ID**

009350

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ESPT 4272](#) Prerequisite: [ESPT 2272](#)

**Semester Offered**

Fall and spring semesters



**ESPT 4291 : Internship/Capstone Project**

This course helps students to integrate and apply the knowledge acquired in the program to solve a comprehensive project.

**Credits** 2

**Course ID**

009349

**Grading Basis**

Graded

**Course Component**

Internship

**Requisites**

[ESPT 4291](#) Prerequisite: [ESPT 4272](#)

**Semester Offered**

Fall and spring semesters

## Geology

**GEOL 1142 : Historical Geology Laboratory**

The study of interpretation techniques, geologic maps and fossils. Prerequisite or corequisite: [GEOL 1342](#).

**Credits** 1

**Course ID**

001287

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[GEOL 1142](#) Corequisite: [GEOL 1342](#)

**GEOL 1145 : Environmental Geology Laboratory**

Modular laboratory with units on rocks, minerals, topographic and environmental maps, soils, water quality, and hydrological process. To accompany lectures in [GEOL 1345](#). Fall, Spring, Summer.

**Credits** 1

**Course ID**

001289

**Grading Basis**

Graded

**Course Component**

Laboratory

**GEOL 1342 : Historical Geology**

The study of the principles of interpretation as they are used to understand the earth's history with special reference to the North American continent. Students are advised, but not required, to take GEOL 1341 as a prerequisite to this course. Prerequisite or corequisite: [GEOL 1142](#).

**Credits** 3

**Course ID**

001286

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[GEOL 1342](#) Corequisite: [GEOL 1142](#)

**GEOL 1345 : Environmental Geology**

Introduction to basic geological processes and concepts and human interactions with them. Emphasis on earth processes including hazards, resources and global changes which affect humans. Students are expected to attend an all day field trip in the Houston area. Fall, Spring, Summer.

**Credits** 3

**Course ID**

001288

**Grading Basis**

Graded

**Course Component**

Lecture

**GEOL 3351 : Oceanic and Atmospheric Science**

A study of the principles of the sciences of oceanography and meteorology with emphasis on the interaction of the oceans and atmosphere. Prerequisites: GEOL 1341, 1141 or ENSC 1344, 1144, or permission of the chair.

**Credits** 3

**Course ID**

001290

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[GEOL 3351](#) Prerequisites: BIOL1342 or GEOL 1341 or ENVR 1342

**GEOL 4192 : Directed Reading/Independent Study in Geology**

Student research on a selected problem in the field pursued under the guidance of an assigned faculty member. May repeat for credit.

**Credits** 1

**Course ID**

001295

**Grading Basis**

Graded

**Course Component**

Independent Study

**GEOL 4193 : Special Topics in Geology**

Upper-division treatment of selected topics of mutual interest to the professor and students. May repeat for credit. Prerequisite: permission of faculty member.

**Credits** 1

**Course ID**

001299

**Grading Basis**

Graded

**Course Component**

Special Topics

**GEOL 4292 : Directed Reading/Independent Study in Geology**

Student research on a selected problem in the field pursued under the guidance of an assigned faculty member. May repeat for credit.

**Credits** 2

**Course ID**

001296

**Grading Basis**

Graded

**Course Component**

Independent Study

**GEOL 4293 : Special Topics in Geology**

Upper-division treatment of selected topics of mutual interest to the professor and students. May repeat for credit. Prerequisite: permission of faculty member.

**Credits** 2

**Course ID**

001300

**Grading Basis**

Graded

**Course Component**

Special Topics

**GEOL 4361 : Field Instruction A**

Field instruction in geological concepts. Travel to and camping at sites of geological interest throughout the United States. Fee required for travel, food and lodging. Prerequisite or corequisite: Geology 1341, 1141 or permission of faculty member.

**Credits** 3

**Course ID**

001292

**Grading Basis**

Graded

**Course Component**

Field Studies

**Requisites**

[GEOL 4361](#) Prerequisites: Geology 1341, 1141

**GEOL 4392 : Directed Reading/Independent Study in Geology**

Student research on a selected problem in the field pursued under the guidance of an assigned faculty member. May repeat for credit.

**Credits** 3

**Course ID**

001297

**Grading Basis**

Graded

**Course Component**

Independent Study

**GEOL 4393 : Special Topics in Geology**

Upper-division treatment of selected topics of mutual interest to the professor and students. May repeat for credit. Prerequisite: permission of faculty member.

**Credits** 3

**Course ID**

001301

**Grading Basis**

Graded

**Course Component**

Special Topics

**GEOL 4492 : Directed Reading/Independent Study in Geology**

Student research on a selected problem in the field pursued under the guidance of an assigned faculty member. May repeat for credit.

**Credits** 4

**Course ID**

001298

**Grading Basis**

Graded

**Course Component**

Independent Study

**GEOL 4493 : Special Topics in Geology**

Upper-division treatment of selected topics of mutual interest to the professor and students. May repeat for credit. Prerequisite: permission of faculty member.

**Credits** 4

**Course ID**

001302

**Grading Basis**

Graded

**Course Component**

Special Topics

## Military Science

**ARMY ROTC Commander and Professor:** LTC Michael Smith

Although the University of St. Thomas does not have an Army Reserve Officer Training Corps (ROTC) program

on campus, students may participate in the Army ROTC program through a partnership with the Military Science Department at the University of Houston. Students may enroll in military science courses through the University St. Thomas registration process and attend the classes at the University of Houston's main campus.

Students enrolled in the advanced program (junior and senior years) receive a \$450-\$500 monthly allowance; veterans classified as juniors or seniors may enroll directly in the advanced program. Paid internships are available to students who have earned at least 54 credit hours but have no military experience. Students who complete the internship are eligible for a two-year scholarship. These scholarships pay for full tuition and fees, books, and provide a monthly allowance of \$450.

Upon completion of the ROTC program and graduation from the University of St. Thomas, students are commissioned as second lieutenants in the United States Army. A minor is also available in this program. For more information contact the Military Science Department, University of Houston (UH.edu/ROTC), 713-743-3875/3883, or University of St. Thomas Office of the Registrar, 713-525-2150.

**MILSC 1112 : Physical Readiness Training**

Utilizes Army fitness techniques; develops strength, flexibility and endurance; develops self-confidence through leadership training and physical activities. Prerequisite: must be ROTC cadet.

**Credits** 1

**Course ID**

002519

**Grading Basis**

Graded

**Course Component**

Lecture

**MILSC 1125 : Physical Fitness Training**

Utilizes Army fitness techniques; develops strength, flexibility and endurance; develops self-confidence through leadership training and physical activities. Prerequisite: must be ROTC cadet.

**Credits** 1

**Course ID**

002523

**Grading Basis**

Graded

**Course Component**

Lecture

**MILSC 1126 : Physical Readiness**

Utilizes Army fitness techniques; develops strength, flexibility and endurance; develops self-confidence through leadership training and physical activities. Prerequisite: must be ROTC cadet.

**Credits** 1

**Course ID**

002524

**Grading Basis**

Graded

**Course Component**

Lecture

**MILSC 1131 : Intermediate Physical Fitness**

Prerequisite: must be ROTC cadet. Physically demanding. Develops skills through team competition. Land navigation, tactics, assembly/disassembly of weapon, and assembly of one-man rope bridge. Students are also required to attend fitness training five times a week. Participants compete for Ranger Challenge positions. Selected cadets compete against teams from other teams at the annual Ranger Challenge competition.

**Credits** 1

**Course ID**

002528

**Grading Basis**

Graded

**Course Component**

Lecture

**MILSC 1210 : Introduction to the Army & Marksmanship**

Prerequisite: must be ROTC cadet.

**Credits** 2

**Course ID**

002532

**Grading Basis**

Graded

**Course Component**

Lecture

**MILSC 1211 : Intro to Leadership (Non-Major**

**Credits** 2

**Course ID**

007369

**Grading Basis**

Graded

**Course Component**

Lecture

**MILSC 1220 : Military Leadership**

Prerequisite: must be ROTC cadet. Principles of effective leadership; reinforcement of self-confidence through participation in physically and mentally challenging training with upper division ROTC students; development of communication skills to improve individual performance and group interaction. Relate ethical values to the effectiveness of leadership. Survival skills and self-defense.

**Credits** 2

**Course ID**

002538

**Grading Basis**

Graded

**Course Component**

Lecture

**MILSC 1221 : Intro to Leadership II**

**Credits** 2

**Course ID**

007464

**Grading Basis**

Graded

**Course Component**

Lecture

**MILSC 2020 : Military Leadership Development**

Prerequisite: must be ROTC cadet. Characteristics of leadership, problem analysis, decision making, oral presentations, first aid, small unit tactics, land navigation, basic radio communication, marksmanship, fitness training, rappelling. Fitness training required three times per week in addition to class and lab.

**Credits** 0

**Course ID**

002540

**Grading Basis**

Graded

**Course Component**

Lecture

**MILSC 2210 : Military Leadership Development**

Prerequisite: must be ROTC cadet. Characteristics of leadership, problem analysis, decision making, oral presentations, first aid, small unit tactics, land navigation, basic radio communication, marksmanship, fitness training, rappelling. Fitness training required three times per week in addition to class and lab.

**Credits** 2

**Course ID**

002541

**Grading Basis**

Graded

**Course Component**

Lecture

**MILSC 2211 : Foundations of Leadership (Non-Majors)**

**Credits** 2

**Course ID**

007370

**Grading Basis**

Graded

**Course Component**

Lecture

**MILSC 2220 : Military Leadership Development**

Prerequisite: must be ROTC cadet. Characteristics of leadership, problem analysis, decision making, oral presentations, first aid, small unit tactics, land navigation, basic radio communication, marksmanship, fitness training, rappelling. Fitness training required three times per week in addition to class and lab.

**Credits** 2

**Course ID**

002542

**Grading Basis**

Graded

**Course Component**

Lecture

**MILSC 2221 : Foundations of Leadership II**

**Credits** 2

**Course ID**

007465

**Grading Basis**

Graded

**Course Component**

Lecture

**MILSC 2810 : Leader's Training Course**

No military obligation is associated with this course. Student will not receive credit for both the total combination of MSCI 1210:1220:2210:2220 and 2810. Four week off-campus field training practicum. Introduces student to the Army and leadership

**Credits** 8

**Course ID**

006744

**Grading Basis**

Graded

**Course Component**

Field Studies

**MILSC 3310 : Advanced Military Science**

Prerequisite: must be ROTC cadet. Leadership; preparing combat orders; military instruction principles; small unit tactics; tactical communications; fitness training. Class is designed to prepare students for Advanced Camp. Fitness training required three times per week in addition to class and lab.

**Credits** 3

**Course ID**

002546

**Grading Basis**

Graded

**Course Component**

Lecture

**MILSC 3311 : Adaptive Team Leadership (For Non-Major)**

**Credits** 3

**Course ID**

007371

**Grading Basis**

Graded

**Course Component**

Lecture

**MILSC 3320 : Advanced Military Science**

Prerequisite: must be ROTC cadet. Leadership; preparing combat orders; military instruction principles; small unit tactics; tactical communications; fitness training. Class is designed to prepare students for Advanced Camp. Fitness training required three times per week in addition to class and lab.

**Credits** 3

**Course ID**

002547

**Grading Basis**

Graded

**Course Component**

Lecture

**MILSC 3321 : Applied Leadership (for Non-Majors)**

**Credits** 3

**Course ID**

007466

**Grading Basis**

Graded

**Course Component**

Lecture



**MILSC 3390 : Special Problems**

Special Problems

**Credits** 3

**Course ID**

007108

**Grading Basis**

Graded

**Course Component**

Lecture

**MILSC 3398 : CULP**

**Credits** 3

**Course ID**

006205

**Grading Basis**

Graded

**Course Component**

Lecture

**MILSC 3491 : Leadership Development and Assessment**

Off-campus field training practicum stressing application of leadership management with emphasis on tactical and special military skills. Places students in demanding and stressful leadership situations.

**Credits** 4

**Course ID**

006745

**Grading Basis**

Graded

**Course Component**

Field Studies

**MILSC 4310 : Advanced Military Science**

Prerequisite: must be ROTC cadet. Leadership; preparing combat orders; military instruction principles; small unit tactics; tactical communications; fitness training. Class is designed to prepare students for Advanced Camp. Fitness training required three times per week in addition to class and lab.

**Credits** 3

**Course ID**

002552

**Grading Basis**

Graded

**Course Component**

Lecture

**MILSC 4311 : Adaptive Leadership**

**Credits** 3

**Course ID**

007372

**Grading Basis**

Graded

**Course Component**

Lecture

**MILSC 4320 : Advanced Military Science**

Prerequisite: must be ROTC cadet. Leadership; preparing combat orders; military instruction principles; small unit tactics; tactical communications; fitness training. Class is designed to prepare students for Advanced Camp. Fitness training required three times per week in addition to class and lab.

**Credits** 3

**Course ID**

002551

**Grading Basis**

Graded

**Course Component**

Lecture

**MILSC 4321 : Leadership in a Complex World (for Non-majors)**

**Credits** 3

**Course ID**

007467

**Grading Basis**

Graded

**Course Component**

Lecture

**MILSC 4390 : Special Problems**

Special Problems

**Credits** 3

**Course ID**

007109

**Grading Basis**

Graded

**Course Component**

Lecture

**MILSC 4398 : Special Problems**

Special Problems

**Credits** 3

**Course ID**

006209

**Grading Basis**

Graded

**Course Component**

Lecture

# Social Justice

## **JUST 3318 : Bioethics**

A second course in ethics with emphasis on the moral issues which arise in modern health care. Issues to be discussed include: patient autonomy, life issues, the right to refuse treatment and the right to health care.

Prerequisite: [PHIL 3313](#) or 3317. Spring, day.

**Credits** 3

**Course ID**

007156

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[PHIL 3318](#) Prerequisites: [PHIL 2314](#)

## **JUST 3360 : Introduction to Justice and Peace Studies**

([POSC 3360](#)) A basic overview of justice and peace studies based on the seven main principles of Catholic Social Teaching. Among the topics that will be reviewed in conjunction with these principles are the dignity of the human person, community-building, human rights, economic development, culture, class, and gender concerns, conflict resolution, and care for the environment.

**Credits** 3

**Course ID**

006898

**Grading Basis**

Graded

**Course Component**

Lecture

## **JUST 4193 : Special Topics**

**Credits** 1

**Course ID**

007017

**Grading Basis**

Graded

**Course Component**

Special Topics

## **JUST 4291 : Social Justice Internship**

**Credits** 2

**Course ID**

007194

**Grading Basis**

Pass/Fail Option

**Course Component**

Internship

**JUST 4292 : Directed Reading/Independent Study**

Directed Reading/Independent Study

**Credits** 2

**Course ID**

007273

**Grading Basis**

Graded

**Course Component**

Independent Study

**JUST 4301 : Political Theory: Plato to Machiavelli**

An introduction to the development of political ideas from the ancient times to the Renaissance. Students will study Greek, Roman, Medieval, and Renaissance political thinkers. Prerequisites: [POSC 2331](#), 2332.

**Credits** 3

**Course ID**

007537

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[POSC 4301](#) Prerequisites: [POSC 2331](#), 2332

**JUST 4306 : Catholic Political and Social Thought**

(POSC 4306) An examination of Papal encyclical documents, Vatican II Documents, and pastoral letters of the U.S. Bishops in regard to both perennial and emerging political and social issues. The contribution of contemporary Catholic scholars, especially in the United States, to this rich heritage of teachings will also be highlighted.

**Credits** 3

**Course ID**

006894

**Grading Basis**

Graded

**Course Component**

Lecture

**JUST 4391 : Social Justice Internship**

([CS 4391](#)) A practical experience with a community organization dealing with social justice issues. The program director (either JUST or CS) and a field supervisor will coordinate and evaluate the internship. Periodically, throughout the semester, interns in this program will meet to discuss how their internships relate to Catholic Social Teaching.

**Credits** 3

**Course ID**

006893

**Grading Basis**

Graded

**Course Component**

Internship

**JUST 4392 : Directed Reading/Independent Study in Social Justice**

Student research on a selected issue in social justice guided by the program director.

**Credits** 3

**Course ID**

006891

**Grading Basis**

Graded

**Course Component**

Independent Study

**JUST 4393 : Special Topics in Social Justice**

Special Topics in Social Justice

**Credits** 3

**Course ID**

006892

**Grading Basis**

Graded

**Course Component**

Special Topics

**JUST 4399 : Senior Research in Social Justice**

Research-based project open to social justice minors. Project topic to be approved and supervised by the program director according to standards and guidelines available from the program chair.

**Credits** 3

**Course ID**

006895

**Grading Basis**

Graded

**Course Component**

Research

## Women, Culture and Society

**WCS 2332 : Child Psychology**

Child Psychology

**Credits** 3

**Course ID**

007000

**Grading Basis**

Graded

**Course Component**

Lecture

**WCS 2350 : Interpersonal Communication**

**Credits** 3

**Course ID**

006875

**Grading Basis**

Graded

**Course Component**

Lecture

**WCS 3300 : Introduction to Theory and Practice of Women's Studies**

This course is an introduction to the study of women, culture, and society within various academic disciplines and within the Catholic tradition. Course components include theology, philosophy, the natural and social sciences, and art and literature. This course, which will include lectures by scholars from these disciplines (and perhaps also by members of different professions in the community), is designed to serve as the foundation course for the Women, Culture, and Society Program.

**Credits** 3

**Course ID**

006441

**Grading Basis**

Graded

**Course Component**

Lecture

**WCS 3308 : Europe: The Middle Ages**

The development of European civilization in the Middle Ages, the culture of Christendom (300-1300).

**Credits** 3

**Course ID**

006704

**Grading Basis**

Graded

**Course Component**

Lecture

**WCS 3311 : Modern Irish Literature**

Study of Irish poetry, fiction, and drama from the Irish Revival/Modern period through the contemporary renaissance.

**Credits** 3

**Course ID**

007321

**Grading Basis**

Graded

**Course Component**

Lecture

**WCS 3320 : Business Communication**

Business Communication

**Credits** 3

**Course ID**

007012

**Grading Basis**

Graded

**Course Component**

Lecture

**WCS 3341 : Literary Criticism**

Classical and contemporary theories of literature and schools of criticism. Required of English majors and English joint majors, and recommended to minors in their junior year. Oral seminar presentation required as a grade component. English majors and minors only. Fall.

**Credits** 3

**Course ID**

006483

**Grading Basis**

Graded

**Course Component**

Lecture

**WCS 3355 : Intercultural Issues**

A survey of world cultures, the factors distinguishing them from one another and the impact that cultural differences have on international relations. Special emphasis is placed on current cultural issues of major concern to the international community.

**Credits** 3

**Course ID**

006499

**Grading Basis**

Graded

**Course Component**

Lecture

**WCS 3358 : Health Psychology**

The course is designed to introduce the students to the growing field of health psychology. Students will learn how to apply psychological theories and techniques to research on how factors influence health and how psychosocial interventions can improve physical health and/or increase the quality of life.

**Credits** 3

**Course ID**

006720

**Grading Basis**

Graded

**Course Component**

Lecture

**WCS 3364 : Regional Study of North Africa and the Middle East**

An interdisciplinary survey of the Middle East focusing on the geographic, historical, cultural, economic and political factors most affecting the role of this region within the international community today.

**Credits** 3

**Course ID**

006710

**Grading Basis**

Graded

**Course Component**

Lecture

**WCS 3380 : Theatre History II**

Theatre History II is organized to provide an understanding of how key shifts in human communication shaped developments in the history of theatre and performance. Focusing on artifacts from the restoration through to the post-modern era, this course explores the methodologies employed by contemporary theatre historians in an effort to create a truly global perspective on drama, theatre and performance.

**Credits** 3

**Course ID**

007177

**Grading Basis**

Graded

**Course Component**

Lecture

**WCS 4319 : Shakespearean Topics**

Focused study of selected aspects of Shakespeare dramatic artistry and influence; organized around special topics, genres, or themes.

**Credits** 3

**Course ID**

006485

**Grading Basis**

Graded

**Course Component**

Lecture

**WCS 4334 : Survey of French Literature II**

The main works of French literature from the 19th century to the present.

**Credits** 3

**Course ID**

006703

**Grading Basis**

Graded

**Course Component**

Lecture

**WCS 4335 : Survey of Spanish-American Literature**

An overview of Latin American literature from the Spanish conquest to the 20th century.

**Credits** 3

**Course ID**

006726

**Grading Basis**

Graded

**Course Component**

Lecture

**WCS 4336 : Hispanic Women**

**Credits** 3

**Course ID**

006857

**Grading Basis**

Graded

**Course Component**

Lecture



**WCS 4337 : Magic and Witchcraft to 1700**

A study of the occult (astrology, divination, magical healing, necromancy, witchcraft) and its place in the development of Western civilization from late antiquity through the "witch craze" of early modern times. The practice of the occult arts will be related to the political, social and religious history of Europe.

**Credits** 3

**Course ID**

006708

**Grading Basis**

Graded

**Course Component**

Lecture

**WCS 4345 : Iconography of Christian Art**

An introduction to the visual representation of Christian themes from the Early Christian period to the Renaissance. Symbolic and conceptual developments of Christian subject matter in images are studied as informed by the Scriptures, Christian doctrines, and traditions.

**Credits** 3

**Course ID**

006475

**Grading Basis**

Graded

**Course Component**

Lecture

**WCS 4348 : Theology of the Body**

Introduction to the writings of John Paul II on the sacramental nature of creation, and in particular, the human body, male and female. Marriage as sacrament of the Communion of Persons in the Trinity. The ethics of human sexuality as integral to the responsible relationship between persons and the theology of the total, reciprocal gift of persons. Spring, odd years.

**Credits** 3

**Course ID**

006580

**Grading Basis**

Graded

**Course Component**

Lecture

**WCS 4372 : Hispanic American Culture**

Provides the directed student with the specific cultural insight in order to effectively deal with the ever-growing Spanish-speaking component of the U.S. or international scene. While employing the necessary Spanish-language grammar and vocabulary, the course emphasizes both interaction between the English-speaking and Spanish-speaking communities and within the Spanish-speaking community in terms of appropriate behaviors and understood knowledge among native speakers. Study of history, socio-political events, art, literature and customs of the Hispanic American countries. Spring

**Credits** 3

**Course ID**

006728

**Grading Basis**

Graded

**Course Component**

Lecture

**WCS 4393 : Special Topics in Women, Culture, & Society**

Upper-division treatment of selected topics in Women, Culture, & Society.

**Credits** 3

**Course ID**

006468

**Grading Basis**

Graded

**Course Component**

Lecture

## Integrated Studies

**ISTUD 2301 : Integrated Learning**

A learning-how-to-learn course, students will master the basic skills of analytical and syntopical reading, logical and ethical reasoning, principles of rhetoric and communication.

**Credits** 3

**Course ID**

008741

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

UNIV 2301 Pre/Corequisites: 3hrs Core English

**Semester Offered**

Fall, spring, summer semesters

## Theology

Department Chair: Dr. David Deavel, [david.deavel@stthom.edu](mailto:david.deavel@stthom.edu)

The major in theology seeks to instill competency in major topics in the study of Catholicism and in the methods of investigation and research appropriate to the discipline of theology. Theology plays a particularly important role in the synthesis of knowledge as well as in the dialogue between faith and reason. The study of theology, as part of a liberal arts education, aids the University community in its "constant effort to determine the relative place and meaning of each of the various disciplines within the context of the human person and the world that is enlightened by the Gospel," and thus in preserving "the sense of the transcendence of the human person over the world and of God over the human person." (John Paul II, *Ex corde Ecclesiae*, 16, 19).

Students who successfully complete the major program will be able to: read and use scripture in accordance with theological methods; interpret documents in Church history according to their historical and theological contexts; and assess, from within the ecclesial tradition, arguments in systematic and moral theology. Fulfillment of these objectives will be determined by means of an exit examination.

The school also offers a five-year BA/MA Combined degree in Theology which enables high-achieving undergraduate students to earn both the bachelor's and master's degrees in a streamlined program combining undergraduate and graduate studies. The BA/MA requires 120 undergraduate credit hours and 30 graduate credit hours of study and allows students to take undergraduate and graduate courses concurrently during the

senior year. The BA and MA degrees will be conferred only after the BA/MA student completes the 120 undergraduate credit hours and 30 graduate credit hours of study successfully. The undergraduate hours for the Theology coursework are reduced to 36 hours from 42 hours. The chair of the Theology major will advise the student on which courses to take.

For graduate students, the department offers an MA in Historical Theology. Through its six-course sequence in historical courses and its offering of systematic courses based in the Catholic dogmatic tradition and integrating Sacred Scripture, students will be given a solid basis in Catholic theology that is informed by both Scripture and the Tradition. Students will complete the MA by passing a set of comprehensive exams or, with the permission of the director, an MA thesis.

### **THEO 1301 : Intro to the Sacred Scriptures**

Introduction to contemporary biblical studies, including: 1) the Catholic approach to scripture in light of Dei Verbum (e.g., inspiration, revelation, canon, hermeneutical principles and methods of critical analysis, relationships of Old and New Testaments); 2) a survey of the Old Testament in its historical setting, with emphasis on major themes (e.g., covenant, exile, Davidic dynasty, wisdom literature, and messianic prophecies); and 3) a survey of the New Testament in its historical setting (e.g., Christianity's Jewish and Hellenistic roots, gospel formation, the gospels, Acts, letters, Revelation). NOTE: Students who transfer with 60 or more credit hours and who have successfully completed THEO 1300 or 3300 may enroll in THEO 3310, completing junior-level requirements and receiving upper-division credit. Fall, Spring.

**Credits** 3

**Course ID**

007756

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[THEO 1301](#) Prerequisite: [PHIL 1311](#) or 1315/3315

### **THEO 2301 : Teachings of the Catholic Church**

Introduction to the fundamentals of Catholic dogmatic theology, the science of sacred doctrine, as revealed in Scripture and Tradition and defined by the Magisterium of the Church. Prerequisite: [THEO 1301](#)

**Credits** 3

**Course ID**

007750

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[THEO 2301](#) Prerequisite: [THEO 1301](#)/3301

**THEO 2314 : Theological Methods**

An introduction to theology as a science, including its principles, sources, and methods, and an exploration of the parts of theology and how they cohere. Topics will include the skills and virtues necessary to the practice of theology; revelation and its witnesses in Sacred Scripture and Tradition; faith and its preambles; dogma and doctrine; development of doctrine; Magisterium; faith and reason; and the motives of credibility.

**Credits** 3

**Course ID**

009291

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[THEO 2314](#) Prerequisites: [THEOC 1301](#)

**Semester Offered**

Spring semester

**THEO 3301 : Intro to the Sacred Scriptures**

Introduction to contemporary biblical studies, including: 1) the Catholic approach to scripture in light of Dei Verbum (e.g., inspiration, revelation, canon, hermeneutical principles and methods of critical analysis, relationships of Old and New Testaments); 2) a survey of the Old Testament in its historical setting, with emphasis on major themes (e.g., covenant, exile, Davidic dynasty, wisdom literature, and messianic prophecies); and 3) a survey of the New Testament in its historical setting (e.g., Christianity's Jewish and Hellenistic roots, gospel formation, the gospels, Acts, letters, Revelation). NOTE: Students who transfer with 60 or more credit hours and who have successfully completed THEO 1300 or 3300 may enroll in THEO 3310, completing junior-level requirements and receiving upper-division credit. Fall, Spring.

**Credits** 3

**Course ID**

007757

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[THEO 3301](#) Prerequisite: [PHIL 1311](#) or 1315/3315 & Junior-level standing

**THEO 3311 : Teachings of the Catholic Church**

Introduction to the fundamentals of Catholic dogmatic theology, the science of sacred doctrine, as revealed in Scripture and Tradition and defined by the Magisterium of the Church. Prerequisite: [THEO 3301](#)

**Credits** 3

**Course ID**

007755

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[THEO 3311](#) Prerequisite: [THEO 1301](#) or 3301

**THEO 3322 : Theology of Creation**

Study of the nature of creation and the unique place of the human person in creation according to the Catholic Intellectual Tradition (in contrast to notions of “creationism” that thrive in certain branches of theology). Sources read may include Sacred Scripture, St. Thomas Aquinas, St. Bonaventure, St. Francis of Assisi, St. Benedict of Nursia, Pope John Paul II, and Pope Benedict XVI. Special attention will be paid to how Catholic teachings can inform environmental issues and enlighten the aims and practices of environmental stewardship.

**Credits** 3

**Course ID**

007238

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Pre/Corequisite: [THEOC 1301](#).

**THEO 3327 : Re-Connecting Catholicism with the Sciences**

What principles can enrich the encounters between Catholic theology and the natural and applied sciences?

**Credits** 3

**Course ID**

007871

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Pre/Corequisite: [THEOC 1301](#).

**THEO 3331 : Catholic Church: Origin, Structure, and Mission**

Reflection in light of scripture and Vatican II on the Catholic Church as one, holy, catholic and apostolic; discussion of authority and the papacy; ecumenism; the laity; the role of the Church in the modern world.

**Credits** 3

**Course ID**

001760

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Pre/Corequisite: [THEOC 1301](#).

**THEO 3332 : Theology of the Sacraments**

Study of the sacramental principle: relationship of the sacraments to Christ and the Church; and biblical, historical and doctrinal introduction to the seven sacraments, with special emphasis on their role in Christian life.

**Credits** 3

**Course ID**

001761

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Pre/Corequisite: [THEOC 1301](#).

**THEO 3333 : Theology of Worship**

Worship, ritual and the human condition; Christian worship and the history of salvation; spiritual worship and liturgical action: objective and subjective aspects; play and festivity; sacred actions, times, and places; liturgy and holiness.

**Credits** 3

**Course ID**

001762

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Pre/Corequisite: [THEOC 1301](#).

**THEO 3336 : Christian Spirituality**

Systematic study of the concepts and practices of the Christian spiritual life, illustrated by reading selected texts from the great spiritual masters and writers of the Church.

**Credits** 3

**Course ID**

001763

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Pre/Corequisite: [THEOC 1301](#).

**THEO 3339 : Christ the Savior**

Basic themes concerned with the person and work of Jesus Christ as they emerge in scripture and tradition; emphasis on Jesus' public ministry, the paschal mystery, and the Christology of both the early and contemporary Church; modern problems regarding the meaning of salvation.

**Credits** 3

**Course ID**

001764

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Pre/Corequisite: [THEOC 1301](#).

**THEO 3345 : Theology of St. Thomas Aquinas**

Introduction to the theological method and major contributions of St. Thomas. Each semester will concentrate on one of the following topics: God-Trinity, creation, the Holy Spirit, grace, the moral life, etc.

**Credits** 3

**Course ID**

001765

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Pre/Corequisite: [THEOC 1301](#).

**THEO 3349 : Christ and the Moral Life**

A study of fundamental Catholic teachings on the moral life, founded upon the truth that the power to live the moral life flows from Christ and the divinizing power of his grace, particularly in the sacraments. Course content includes the beatitudes, freedom, the morality of human acts and passions, moral conscience, the theological virtues, sin, social justice, and the Ten Commandments.

**Credits** 3

**Course ID**

001767

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Pre/Corequisite: [THEOC 1301](#).

**Semester Offered**

Fall, spring, summer semesters

**THEO 3351 : Prophets of Ancient Israel**

Prophecy in the Old Testament in its historical and religious contexts; critical methods of studying the prophets; current interpretations of the prophetic books.

**Credits** 3

**Course ID**

001768

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Prerequisites: [THEOC 1301](#), 2301.

**THEO 3352 : Paul: His Letters and Theology**

The Pauline letters in their historical and religious contexts; critical methods of studying the letters; current interpretations of Pauline theology.

**Credits** 3

**Course ID**

001769

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Prerequisites: [THEOC 1301](#), 2301.

**THEO 3353 : Pentateuch**

The Torah in its historical and religious contexts; the development of pentateuchal criticism; critical methods of studying the Pentateuch; theologies of the different traditions and their relations to biblical theology as a whole.

**Credits** 3

**Course ID**

001770

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Prerequisites: [THEOC 1301](#), 2301.

**THEO 3354 : Synoptic Gospels**

The synoptic gospels in their historical and religious contexts; critical methods of studying these gospels and their relations to biblical theology as a whole.

**Credits** 3

**Course ID**

001771

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Prerequisites: [THEOC 1301](#), 2301.



**THEO 3355 : Book of Psalms**

Contemporary exegetical approaches to Psalms, including the genre of "psalm" with a comparison to similar literature from the ancient Near East; types of psalms; relation of the Psalter to temple and synagogue worship; interpretations of individual psalms.

**Credits** 3

**Course ID**

001772

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Prerequisites: [THEOC 1301](#), 2301.

**THEO 3356 : Theological Anthropology**

Studies the Christian vision of man under the light of divine revelation; his creation in God's image and likeness, his ultimate end, and his spiritual and material faculties. Reading focus on the development of Christian anthropology in its historical context, both ancient and modern, as well as the anthropological foundations of moral action, ascetical praxis, and sacramental discipline. Primary source readings will typically be chosen from scripture, the fathers, and recent Magisterium, including documents of the Second Vatican Council, with an eye to comparison and contrast between Christian anthropology and modern and post-modern views of the human person. Key topics may include deification, personhood, freedom, the mind, passions, relationality, or sexuality.

**Credits** 3

**Course ID**

007820

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Pre/Corequisite: [THEOC 1301](#).

**THEO 3357 : Catholicism & Literature**

This course examines the ways in which the Catholic faith is presented and illuminated through the literary arts.

**Credits** 3

**Course ID**

008024

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Pre/Corequisite: [THEOC 1301](#).

**THEO 3359 : Theology and the Liberal Arts**

Introduction to the tradition of Catholic reflection on liberal education. The course considers the nature of the liberal arts, the relationship between theology and the other disciplines from a theological point of view, the question of the unity of knowledge, and the spirituality proper to the life of learning.

**Credits** 3

**Course ID**

008347

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Prerequisite: Junior or Senior-Level Standing

**THEO 3363 : Church History I**

Church history and Christian thought from apostolic times to the end of the 13th century.

**Credits** 3

**Course ID**

001773

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Pre/Corequisite: [THEOC 1301](#).

**THEO 3364 : Church History II**

Church history and Christian thought from the end of the 13th century to the present.

**Credits** 3

**Course ID**

001774

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Pre/Corequisite: [THEOC 1301](#).

**THEO 3365 : Gospel and Letters of John**

The fourth gospel and the epistles of John; critical methods of Johannine study; current status of Johannine scholarship; theological messages of the gospel and epistles.

**Credits** 3

**Course ID**

001775

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Prerequisites: [THEOC 1301](#), 2301.

**THEO 4192 : Directed Reading/Independent Study in Theology**

Student research on a selected problem in the field, pursued under the guidance of a faculty member. Requires permission of the department chair.

**Credits** 1

**Course ID**

001780

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

Pre/Corequisite: [THEOC 1301](#).

**THEO 4193 : Special Topics in Theology**

Upper-division treatment of a selected topic of mutual interest to the faculty member and students.

**Credits** 1

**Course ID**

001784

**Grading Basis**

Graded

**Course Component**

Special Topics

**Requisites**

Pre/Corequisite: [THEOC 1301](#).

**THEO 4292 : Directed Reading/Independent Study in Theology**

Student research on a selected problem in the field, pursued under the guidance of a faculty member. Requires permission of the department chair.

**Credits** 2

**Course ID**

001781

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

Pre/Corequisite: [THEOC 1301](#).

**THEO 4293 : Special Topics in Theology**

Upper-division treatment of a selected topic of mutual interest to the faculty member and students.

**Credits** 2

**Course ID**

001785

**Grading Basis**

Graded

**Course Component**

Special Topics

**Requisites**

Pre/Corequisite: [THEOC 1301](#).

**THEO 4318 : Health Care Ethics**

A clinically-oriented course on moral issues that arise in modern health care. Topics may vary each semester.

**Credits** 3

**Course ID**

007955

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[THEO 4318](#) Prerequisite: NURS 2542

**THEO 4321 : Catholic Epistles**

This course is designed to explore the historical and religious contexts of the Christian communities at the end of the first century as reflected Hebrews and in the Catholic Epistles: James, 1-2 Peter, Jude, and the three Johannine letters. Topics include: narrative characteristic of the Greek text, the problem of the authorship, internal and external problems of the Proto-Christian communities, literary analysis of selected periscopes and theological developments manifested in the texts.

**Credits** 3

**Course ID**

005333

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Prerequisites: [THEOC 1301](#), 2301.

**THEO 4324 : Christian Ethics and the Law**

A theological examination of ethical issues relating to the making and application of the law: e.g., the concept of justice; legal positivism and the relation of civil and criminal law to ethics and the legitimacy of the adversary system; obligations relating to confidentiality, equal access to legal services, punishment and sentencing, contracts; the practice of law as a Christian calling.

**Credits** 3

**Course ID**

001790

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Pre/Corequisite: [THEOC 1301](#).

**THEO 4327 : Sacred Arts in the Church**

Theology of beauty and theology of art. Concept of sacred art. The use of works of visual art and music in Christian worship and devotion.

**Credits** 3

**Course ID**

001793

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Pre/Corequisite: [THEOC 1301](#).

**THEO 4334 : Social Justice and the Church**

Catholic teaching on social, political and economic issues: freedom; law; conscience; marriage and family; political authority; just war and nuclear arms; human dignity and rights; work; private property and social justice.

**Credits** 3

**Course ID**

001796

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Pre/Corequisite: [THEOC 1301](#).

**THEO 4336 : American Catholic Heritage**

Survey from the Native Americans through the present in the shaping of American Catholicism; theological and ecumenical dimensions; contributions of the Catholic Church to the American scene emphasized.

**Credits** 3

**Course ID**

006035

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Pre/Corequisite: [THEOC 1301](#).

**THEO 4337 : Grace and the Human Condition**

Christian understanding of the human condition and God's transforming grace; human nature as fallen and elevated; justification and new life in Christ.

**Credits** 3

**Course ID**

001797

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Pre/Corequisite: [THEOC 1301](#).

**THEO 4339 : Celtic Spirituality**

Systematic study of the concepts and practices of the Christian spiritual life, with a special emphasis placed upon an understanding of Celtic Spirituality and the influences of Anglo-Saxon spirituality on it. This study will be undertaken by a reading and study of selected texts by the great spiritual masters and writers of the Church from the Celtic and Anglo-Saxon tradition.

**Credits** 3

**Course ID**

007480

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Pre/Corequisite: [THEOC 1301](#).

**THEO 4339 : Celtic Spirituality**

Systematic study of the concepts and practices of the Christian spiritual life, with a special emphasis placed upon an understanding of Celtic Spirituality and the influences of Anglo-Saxon spirituality on it. This study will be undertaken by a reading and study of selected texts by the great spiritual masters and writers of the Church from the Celtic and Anglo-Saxon tradition.

**Credits** 3

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Pre/Corequisite: [THEOC 1301](#).

**THEO 4347 : Fathers of the Church**

Lives and thoughts of the great saints and scholars of the first millennium who shaped the Church's teaching and life. Reading their works is essential to the course. Among those to be discussed are the Desert Fathers, Origen, Basil, Ambrose and Augustine.

**Credits** 3

**Course ID**

001798

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Pre/Corequisite: [THEOC 1301](#).

**THEO 4348 : Theology of the Body**

Introduction to the writings of John Paul II on the sacramental nature of creation, and in particular, the human body, male and female. Marriage as sacrament of the Communion of Persons in the Trinity. The ethics of human sexuality as integral to the responsible relationship between persons and the theology of the total, reciprocal gift of persons.

**Credits** 3

**Course ID**

001799

**Grading Basis**

Graded

**Course Component**

Seminar

**Requisites**

Pre/Corequisite: [THEOC 1301](#).

**THEO 4351 : Wisdom in Israel**

Introduction to the wisdom literature of the Old Testament: Job, Psalms, Proverbs, Qoheleth, Song of Songs, Wisdom and Sirach.

**Credits** 3

**Course ID**

001800

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Prerequisites: [THEOC 1301](#), 2301.

**THEO 4360 : John Henry Newman**

A study of the thought and influence of John Henry Newman through a selection of his writings, including The Idea of a University.

**Credits** 3

**Course ID**

001801

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Pre/Corequisite: [THEOC 1301](#).

**Semester Offered**

Offered as needed

**THEO 4367 : Mariology**

Mary's role in the salvation of humanity. Mary in scripture and in the tradition of the Church. The teaching of the contemporary magisterium: Pius XII, Vatican II, Paul VI, John Paul II. Mary in contemporary theology.

**Credits** 3

**Course ID**

001802

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Pre/Corequisite: [THEOC 1301](#).

**THEO 4368 : Book of Revelation**

Origin and development of apocalyptic literature in the Old Testament and the intertestamental period; formation, structure and style of the Book of Revelation; redactional and literary analysis of the text to define its theology and the situation which produced it.

**Credits** 3

**Course ID**

001803

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Prerequisites: [THEOC 1301](#), 2301.

**THEO 4390 : Triune God**

Theology engages the mind and heart as a work of "faith seeking understanding." This course examines the Christian doctrine on God as one and trinitarian. It will explore the biblical/theological foundations, historical development, and contemporary approaches to the doctrine of the Trinity, with attention to the development of doctrine and how Trinitarian faith impacts the life, prayer and liturgy of Catholic Christians.

**Credits** 3

**Course ID**

001779

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[THEO 4390](#) Prerequisites: Senior Standing; [THEOC 3301](#)

**Semester Offered**

Spring semester



**THEO 4392 : Directed Reading/Independent Study in Theology**

Student research on a selected problem in the field, pursued under the guidance of a faculty member.

Requires permission of the department chair.

**Credits** 3

**Course ID**

001782

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

Pre/Corequisite: [THEOC 1301](#).

**THEO 4393 : Special Topics in Theology**

Upper-division treatment of a selected topic of mutual interest to the faculty member and students.

**Credits** 3

**Course ID**

001786

**Grading Basis**

Graded

**Course Component**

Special Topics

**Requisites**

Pre/Corequisite: [THEOC 1301](#).

**THEO 4492 : Directed Reading/Independent Study in Theology**

Student research on a selected problem in the field, pursued under the guidance of a faculty member.

Requires permission of the department chair.

**Credits** 4

**Course ID**

001783

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

Pre/Corequisite: [THEOC 1301](#).

# Catholic Studies

## **CS 3320 : Re-Connecting Catholicism with the Social and Natural Sciences**

What principles can enrich the encounters between Catholic theology and the natural and applied sciences?

**Credits** 3

**Course ID**

005846

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[CS 3320](#) Prerequisite: THEO 1300/3301 and 2301/3311; Co-requisite: [THEO 3349](#)

**Semester Offered**

Spring semester

## **CS 3356 : Theological Anthropology**

Studies the Christian vision of the man under the light of divine revelation: his creation in God's image and likeness, his ultimate end, and his spiritual and material faculties. Readings focus on the development of Christian anthropology in its historical context, both ancient and modern, as well as the anthropological foundations of moral action, ascetical praxis, and sacramental discipline. Primary source readings will typically be chosen from scripture, the fathers, and recent Magisterium, including documents of the Second Vatican Council, with an eye to comparison and contrast between Christian anthropology and modern and post-modern views of the human person. Key topics may include deification, personhood, freedom, the mind, passions, relationality, or sexuality. Prerequisites: [THEO 1301/3301](#) and 2301/3311

**Credits** 3

**Course ID**

007860

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Spring semester, odd years

**CS 3357 : Catholicism and Literature**

This course examines the ways in which the Catholic faith is presented and illuminated through the literary arts. Prerequisites: [THEO 1301/3301](#) and [2301/3311](#). Co-requisite: [THEO 3349](#).

**Credits** 3

**Course ID**

007870

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[CS 3357](#) Prerequisite: [THEO 1301/3301](#) or [2301/3311](#)

**Semester Offered**

Spring semester, odd years

**CS 4191 : Catholic Studies Internship**

A practical experience with a community organization dealing with social justice issues. Both a faculty member (Political and Social Science Department) and a field supervisor will coordinate and evaluate the internship. Periodically, throughout the semester, interns in this program will meet to discuss how their internships are related to Catholic Social Teaching.

**Credits** 1

**Course ID**

006527

**Grading Basis**

Graded

**Course Component**

Internship

**CS 4192 : Directed Reading/Independent Study in Catholic Studies**

Student research on the Catholic Tradition in regard to an elective offered by a particular discipline, pursued under the guidance and evaluation of a faculty member within that discipline and approved by the Director of Catholic Studies.

**Credits** 1

**Course ID**

005890

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[CS 4192](#) Prerequisites: [CS 3300](#) & (CS 3310 or 3320)

**CS 4292 : Directed Reading/Independent Study in Catholic Studies**

Student research on the Catholic Tradition in regard to an elective offered by a particular discipline, pursued under the guidance and evaluation of a faculty member within that discipline and approved by the Director of Catholic Studies.

**Credits** 2

**Course ID**

006541

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[CS 4292](#) Prerequisites: [CS 3300](#) & (CS 3310 or [CS 3320](#))

**CS 4391 : Social Justice Internship**

A practical experience with a Catholic organization dealing with social justice issues. Both a faculty member (Political Science Department) and a field supervisor will coordinate and evaluate the internship. Periodically, throughout the semester, interns in this program will meet to discuss how their internships are related to Catholic Social Teaching.

**Credits** 3

**Course ID**

005778

**Grading Basis**

Graded

**Course Component**

Internship

**Requisites**

[CS 4391](#) Prerequisites: Junior Standing, [CS 3300](#), & (CS 3310 or 3320)

**CS 4392 : Directed Reading/Independent Study in Catholic Studies**

Student research on the Catholic Tradition in regard to an elective offered by a particular discipline, pursued under the guidance and evaluation of a faculty member within that discipline and approved by the Director of Catholic Studies.

**Credits** 3

**Course ID**

006037

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[CS 4392](#) Prerequisites: [CS 3300](#) & (CS 3310 or 3320)

**CS 4393 : Special Topics in Catholic Studies**

Upper division treatment of inter-disciplinary or cultural expressions of theological doctrines within the Catholic Intellectual Tradition.

**Credits** 3

**Course ID**

005769

**Grading Basis**

Graded

**Course Component**

Special Topics

**CS 4492 : Directed Reading/Independent Study in Catholic Studies**

Student research on the Catholic Tradition in regard to an elective offered by a particular discipline, pursued under the guidance and evaluation of a faculty member within that discipline and approved by the Director of Catholic Studies.

**Credits** 4

**Course ID**

006542

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[CS 4492](#) Prerequisites: [CS 3300](#) & (CS 3310 or 3320)

## Bilingual and Dual Language Ed

**BIE\_DL 3339 : Multicultural Populations**

Investigation of curriculum needs in a culturally plural society. Explores concept of multicultural education, implications for educational programs, effects of cultural differences on teaching and learning. This course focuses on the knowledge, abilities, and skills which are part of the pedagogy across the Teacher Education Program and necessary for effective professional practice with a diverse student population.

**Credits** 3

**Course ID**

001950

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Bilingual Education Student: Has a Bilingual Education Subplan and is admitted to the Teacher Education Program.

**BIE\_DL 4330 : Foundations and Methods of Second Language Acquisition**

Introductory survey of foundations and processes of language development. Current trends, methods, and techniques needed by teachers in various settings—public and private— for teaching linguistically diverse students. This course will provide opportunities for hands on experiences and how to integrate second language strategies in EC–12 classrooms.

**Credits** 3

**Course ID**

001953

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

BIE/DL 4330 Prerequisite: Admission to Teacher Education Program

**BIE\_DL 4331 : Teaching the Content Areas in Bilingual Education (Elementary)**

The study of techniques to present elementary level subjects in the primary language and English to meet the unique needs of the bilingual students.

**Credits** 3

**Course ID**

001954

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Bilingual Education Student: Has a Bilingual Education Subplan and is admitted to the Teacher Education Program.

**BIE\_DL 4333 : Applied Linguistics**

(ENGL 4333) General survey and introduction to linguistic theory and practice; emphasis is on the practical application of theory in the classroom. Includes contrasts with other languages.

**Credits** 3

**Course ID**

001955

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Bilingual Education Student: Has a Bilingual Education Subplan and is admitted to the Teacher Education Program.

**BIE\_DL 4362 : Techniques of Teaching English as a Second Language**

Techniques for oral language and written development. Authentic assessment and classroom management for language minority students.

**Credits** 3

**Course ID**

001957

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Bilingual Education Student: Has a Bilingual Education Subplan and is admitted to the Teacher Education Program.

**BIE\_DL 4364 : Spanish Language Arts for the Spanish Dominant Child**

Strategies and teachings for developing oral and written proficiency in the primary language.

**Credits** 3

**Course ID**

001958

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Bilingual Education Student: Has a Bilingual Education Subplan and is admitted to the Teacher Education Program.

**BIE\_DL 4365 : Spanish Literature for Children & Adolescents**

Introduction to various literacy genres written in Latin America and in the United States. Use of thematic units and literature studies in the K-8 Spanish-medium classroom.

**Credits** 3

**Course ID**

006212

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

Bilingual Education Student: Has a Bilingual Education Subplan and is admitted to the Teacher Education Program.

# Criminology, Law and Society

## **CRIM 1222 : Leadership and Professional Do**

Successful leadership traits in the criminal justice field with emphasis on a social justice commitment. Areas from setting goals to team building to personal relations and problem solving are covered. Employment opportunities and restrictions in the criminal justice system will be addressed.

**Credits** 2

**Course ID**

009428

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

## **CRIM 1301 : Introduction to Criminal Justice**

History, philosophy, and ethical consideration of criminal justice; the nature and impact of crime; and an overview of the criminal justice system, including law enforcement and court procedure.

**Credits** 3

**Course ID**

008019

**Grading Basis**

Graded

**Course Component**

Lecture

## **CRIM 1306 : Court Systems and Practices**

Study of the judiciary in the American criminal justice system and the adjudication process and procedure

**Credits** 3

**Course ID**

008020

**Grading Basis**

Graded

**Course Component**

Lecture

## **CRIM 1310 : Criminal Law**

Study of criminal law; its philosophical and historical development, major definitions and concepts, classifications and elements of crime; penalties using Texas statutes as illustrations, and criminal responsibility.

**Credits** 3

**Course ID**

008033

**Grading Basis**

Graded

**Course Component**

Lecture



**CRIM 2313 : Correctional Systems and Practices**

Corrections in the criminal justice system; organization of the correctional systems; correctional role; institutional operations; alternatives to institutionalization; treatment and rehabilitation; current and future issues.

**Credits** 3

**Course ID**

008034

**Grading Basis**

Graded

**Course Component**

Lecture

**CRIM 2323 : Legal Aspects of the Criminal Justice System**

This course is an examination of the legal authority of criminal justice practitioners; responsibilities, constitutional constraints, laws of arrest, search and seizure, and liability for noncompliance. The course will emphasize case law with ethical and practical application.

**Credits** 3

**Course ID**

008424

**Grading Basis**

Graded

**Course Component**

Lecture

**CRIM 2328 : Police Systems and Practices**

The police profession; organization of law enforcement systems; the police role; police discretion; ethics; police-community interaction; current and future issues.

**Credits** 3

**Course ID**

008035

**Grading Basis**

Graded

**Course Component**

Lecture

**CRIM 3319 : Introduction to Human Trafficking**

This course will introduce the student to the concept of human trafficking. The student shall be made aware of who are most likely victims and perpetrators of the human trafficking crimes. U.S. and local laws are addressed. This course provides insight into the complexity of human trafficking by addressing both how the scope of globalization impacts the sex industry and forced labor, and how vulnerability is a growing cause of human trafficking.

**Credits** 3

**Course ID**

008425

**Grading Basis**

Graded

**Course Component**

Lecture

**CRIM 3320 : Commercial Sexual Exploitation of Children**

This course examines the identification and prevention programs designed to respond to child victims of sexual exploitation. The course includes child risk factors, approaches to prevention, recovery and reintegration. Commercial sexual exploitation of children is the abuse of persons under the age of 18 years through prostitution, pornography, or other paid sexual activities. This course examines how the vulnerable youth surviving through illegal activity are criminalized despite the acknowledgment that they are victims. The course will research how children being exploited engage in high-risk health behaviors and experience both physical and emotional harm.

**Credits** 3

**Course ID**

008426

**Grading Basis**

Graded

**Course Component**

Lecture

**CRIM 3321 : U.S. and Vatican Response to Human Trafficking**

This course reviews the United States Trafficking Victims Protection Act of 2000. This includes various amendments, the multiple Vatican addresses, statements and projects to eliminate human trafficking, local criminal justice and volunteer organizations to eliminate human trafficking.

**Credits** 3

**Course ID**

008427

**Grading Basis**

Graded

**Course Component**

Lecture

**CRIM 3322 : Terrorism and American Criminal Justice System**

This course examines the identification of terrorist acts, comparison and understanding of the various definitions of terrorism and the perpetrators of these acts. The student will be introduced to the nexus between terrorism and homeland security as it relates to homeland security strategy, assessment, evaluation, preparation, responses, and recovery actions and mechanisms relating to terrorism and homeland security. The course considers the phenomenon of the term terrorism as it relates to the United States domestically as well as internationally from the time of the Cold War to the present day.

**Credits** 3

**Course ID**

008428

**Grading Basis**

Graded

**Course Component**

Lecture

**CRIM 3323 : Weapons of Mass Destruction**

This course explores the threat of weapons of mass destruction (WMD) as a unique phenomenon within the homeland security landscape. Specifically, this course provides students with a historical perspective on the development and use of WMD from both an international and a domestic perspective and their impact on the criminal justice system. The course also explores the efforts to prevent, prepare, and respond to the use of WMDs.

**Credits** 3

**Course ID**

008590

**Grading Basis**

Graded

**Course Component**

Lecture

**CRIM 3324 : Financing Terrorism**

Introduces the evolving nature of finance, techniques and practices of funding terrorism and the current practices to prevent the terrorists from obtaining the revenue.

**Credits** 3

**Course ID**

008591

**Grading Basis**

Graded

**Course Component**

Lecture

**CRIM 3330 : Wrongful Convictions**

Since 1989, more than 300 wrongly convicted persons have been exonerated by DNA testing alone. In this class, students will learn to think critically about the criminal justice system so as to understand the causes of wrongful convictions. The class will also consider reforms to the criminal justice system that could help avoid these miscarriages of justice.

**Credits** 3

**Course ID**

008037

**Grading Basis**

Graded

**Course Component**

Lecture

**CRIM 3340 : Public Service Mindset: Integrity, Corruption, and Justice**

An exploration of power across various law enforcement careers and its impact on the individual, organization, and the community. Students will be challenged to critically analyze prevailing attitudes and actions related to specific career paths and opportunities to conform to or transform the law enforcement culture.

**Credits** 3

**Course ID**

008130

**Grading Basis**

Graded

**Course Component**

Lecture

**CRIM 3344 : Criminal Investigation**

This course provides a brief overview of scientific crime detection and more detailed discussion of techniques for case management and documentation, the concept of proof, the impact of emergent technology on the investigative process, interacting with victims and witnesses, and interviewing suspects. Particular emphasis may be placed on the investigation of particular types of crimes, for example, homicides, sex offenses, child abuse, and hate crimes.

**Credits** 3

**Course ID**

008446

**Grading Basis**

Graded

**Course Component**

Lecture

**CRIM 3350 : Criminology**

Examines the major perspectives on criminal and deviant behavior. Specific deviant and criminal activities will be described and explained using established theories. Issues related to societal social problems and social control of deviant and criminal behavior will also be analyzed.

**Credits** 3

**Course ID**

008038

**Grading Basis**

Graded

**Course Component**

Lecture

**CRIM 3351 : Victimology**

Research and current trends concerning the victim in the criminal justice system; particular attention is given to restorative justice, victim rights, protection orders, restitution, Federal Victims of Crime Act (VOCA), subrogation, and the impact of victimization on the individual.

**Credits** 3

**Course ID**

008128

**Grading Basis**

Graded

**Course Component**

Lecture

**CRIM 3362 : Organized Crime**

This course explores theoretical questions along with history and business of organized crime in the US. and globally. There is an examination of the connection between organized crime, terrorism and human trafficking. This course provides familiarization with the language and methods of organized crime as well as responses from criminal justice agencies.

**Credits** 3

**Course ID**

008500

**Grading Basis**

Graded

**Course Component**

Lecture

**CRIM 3370 : Criminal Justice on the United States-Mexico Border**

An examination of the nature and scope of crime on the United States-Mexico border and an evaluation of the strategies and programs employed by both governments to control criminal activity on the border.

**Credits** 3

**Course ID**

008039

**Grading Basis**

Graded

**Course Component**

Lecture

**CRIM 3371 : Race, Ethnicity & Criminal Justice**

This course examines different issues of race and ethnicity as they relate to the criminal justice system in America. One of the most important points that students should take into consideration, is that historically as well as in modern times, racism, differential treatment by the criminal justice system, and discrimination have been part of the structure of American society. This course further focuses on social, institutional, political, as well as economic factors that have contributed to racial discrimination and biases in the criminal justice system. Finally, this course considers different measures that have or should be taken into consideration in order to address the problems of the past and present.

**Credits** 3

**Course ID**

008129

**Grading Basis**

Graded

**Course Component**

Lecture

**CRIM 3390 : Sentencing and Corrections**

A review of how the U.S. punishes and rehabilitates convicted law violators. The conflicts among the major purposes of sentencing—rehabilitation, deterrence, and incapacitation—are discussed, as well as the effects of different sanctions on public safety, offender rehabilitation, and justice system costs.

**Credits** 3

**Course ID**

008041

**Grading Basis**

Graded

**Course Component**

Lecture

**CRIM 4193 : Special Topics in Criminal Justice**

Upper-division treatment of selected topics of mutual interest to the faculty member and students.

**Credits** 1

**Course ID**

008602

**Grading Basis**

Graded

**Course Component**

Special Topics

**CRIM 4311 : Forensic Interviewing**

Gain theoretical knowledge on forensic interviewing of child and adolescent victims of crim. Understand the history and rationale of forensic interviewing, research and statistics contributing to the developments of forensic interviewing, commonly cited state and federal laws, and differing protocols of forensic interviewing by jurisdiction.

**Credits** 3**Course ID**

009596

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[CRIM 4311](#) Prerequisite: [CRIM 3351](#).

**Semester Offered**

Spring semester

**CRIM 4319 : Social Justice/Juveniles at Risk**

Explores the nature and extent of juvenile delinquency and examines explanatory models and theories of juvenile delinquency. Topics related to the juvenile justice system process along with social justice for juvenile offenders and victims such as juvenile waiver to the adult court, diversion and deinstitutionalization, police interaction, and community intervention.

**Credits** 3**Course ID**

008510

**Grading Basis**

Graded

**Course Component**

Lecture

**CRIM 4331 : Crime and Social Justice**

This course will examine selected issues relating to crime and social justice. Topics will include false convictions, the war against drugs, over criminalization, racial profiling, and anti-gang legislation.

**Credits** 3**Course ID**

008021

**Grading Basis**

Graded

**Course Component**

Lecture

**CRIM 4336 : Community Supervision and Parole**

Examines community supervision and parole systems with emphasis on the state of Texas. Students study jurisdiction issues, history, the relationship between theory and practice, and contemporary issues confronting community supervision and parole.

**Credits** 3

**Course ID**

009043

**Grading Basis**

Graded

**Course Component**

Discussion

**Semester Offered**

Offered as needed

**CRIM 4340 : Field Internship in Criminal Justice**

A minimum of three months in an approved criminal justice or social service agency setting taken preferably between junior and senior years. Designed to provide the student with an opportunity to apply academic learning in practical situations.

**Credits** 3

**Course ID**

008042

**Grading Basis**

Graded

**Course Component**

Internship

**CRIM 4341 : Field Internship in Criminal Justice II**

A minimum of three months in an approved criminal justice or social service agency setting taken preferably between junior and senior years. Designed to provide the student with an opportunity to apply academic learning in practical situations.

**Credits** 3

**Course ID**

008737

**Grading Basis**

Graded

**Course Component**

Internship

**Requisites**

[CRIM 4341](#) Prerequisites: [CRIM 4340](#)

**CRIM 4350 : Action Research Leadership Project for Criminal Justice Majors**

In this course, which serves as the BA capstone requirement, students will choose a social problem related to crime, criminal justice, and law, relate it to criminal justice, legal, and social issues, and devise a plan of action to research the problem, develop informed policy, and propose an action research plan to solve the problem. Students will write an action research prospectus, proposal, and leadership project paper on their chosen topics using knowledge obtained from prior required courses, and input from CLS faculty.

**Credits** 3

**Course ID**

008043

**Grading Basis**

Graded

**Course Component**

Lecture

**CRIM 4377 : Reforming Justice**

There are reform projects underway at every state of the U.S. criminal justice system, working to reshape policing, prosecution, and defense, sentencing, incarceration, and reintegration. While there is consensus for change, the question remains how law, organizing, media, and advocacy tools can be successfully deployed and towards what ends for change. This course will consider how criminal justice reform agendas are formulated, gain currency, and result in changes in laws.

**Credits** 3

**Course ID**

009083

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[CRIM 4377](#) Requisites: Junior or Senior Standing.

**Semester Offered**

Offered as needed

**CRIM 4391 : Internship in Criminology**

Practicum or on-the-job experience under guidance of practicing specialists in the criminology field.

**Credits** 3

**Course ID**

008208

**Grading Basis**

Graded

**Course Component**

Internship



**CRIM 4392 : Independent Study In Criminology**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Permission of faculty member required.

**Credits** 3

**Course ID**

008205

**Grading Basis**

Graded

**Course Component**

Independent Study

**CRIM 4393 : Special Topics in Criminology**

Upper-division treatment of selected topics of mutual interest to faculty and students.

**Credits** 3

**Course ID**

008833

**Grading Basis**

Graded

**Course Component**

Special Topics

**CRIM 4492 : Independent Study In Criminology**

Student research on a selected problem in the field pursued under the guidance of an assigned member of the faculty. Permission of faculty member required.

**Credits** 4

**Course ID**

009342

**Grading Basis**

Graded

**Course Component**

Independent Study

**Semester Offered**

Offered as needed

**CRIM 4493 : Special Topics in Criminology**

Upper-division treatment of selected topics of mutual interest to faculty and students.

**Credits** 4

**Course ID**

009341

**Grading Basis**

Graded

**Course Component**

Special Topics

# Early Childhood Education

## **ECE 3333 : Oral Communication**

**Credits** 3

**Course ID**

001963

**Grading Basis**

Graded

**Course Component**

Lecture

## **ECE 4331 : Essentials of Science**

Prerequisite: Admission to Teacher Education

**Credits** 3

**Course ID**

001965

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ECE 4331](#) Prerequisite: Admission to Teacher Education

## **ECE 4333 : Essentials of Mathematics**

Prerequisite: Admission to Teacher Education

**Credits** 3

**Course ID**

001967

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ECE 4333](#) Prerequisite: Admission to Teacher Education

## **ECE 4335 : Essentials of Social Studies**

Prerequisite: Admission to Teacher Education

**Credits** 3

**Course ID**

001968

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[ECE 4335](#) Prerequisite: Admission to Teacher Education

**ECE 4336 : Computing and Technology****Credits** 3**Course ID**

001969

**Grading Basis**

Graded

**Course Component**

Lecture

**ECE 4338 : Adolescent Learning**

Prerequisite: Admission to Teacher Education

**Credits** 3**Course ID**

001971

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**[ECE 4338](#) Prerequisite: Admission to Teacher Education

## Education

**EDUC 3100 : Field Experience Seminar I**

Students interact with partnering schools' teachers and students. These interactions occur in a variety of educational settings and give students the opportunity to observe, model, and reflect on best teaching practices.

**Credits** 1**Course ID**

007315

**Grading Basis**

Graded

**Course Component**

Field Studies

**Requisites**[EDUC 3100](#) Prerequisite: Admissions to Teacher Education Program**EDUC 3101 : Field Experience Seminar II**

Students interact with partnering schools' teachers and students. These interactions occur in a variety of educational settings and give students the opportunity to observe, model, and reflect on best teaching practices, including teaching methods for English language learners.

**Credits** 1**Course ID**

007316

**Grading Basis**

Graded

**Course Component**

Field Studies

**Requisites**[EDUC 3101](#) Prerequisite: Admission to Teacher Education Program

**EDUC 3102 : Field Experience Seminar III**

Students interact with partnering schools' teachers and students. These interactions occur in a variety of educational settings and give students the opportunity to observe, model, and reflect on best teaching practices, including teaching methods for students with disabilities.

**Credits** 1

**Course ID**

007317

**Grading Basis**

Graded

**Course Component**

Field Studies

**Requisites**

[EDUC 3102](#) Prerequisite: Admission to Teacher Education Program

**EDUC 3103 : Field Experience Seminar IV**

**Credits** 1

**Course ID**

007494

**Grading Basis**

Graded

**Course Component**

Seminar

**EDUC 3304 : Introduction to Curriculum and Instruction**

Introduction to instructional responsibilities. Includes recognition of societal expectations, determining objectives, diagnosing a diverse learner population, planning and implementing instruction and creative, varied ways of evaluating learning outcomes.

**Credits** 3

**Course ID**

001918

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[EDUC 3304](#) Prerequisite: Admission to Teacher Education

**EDUC 3306 : Early Childhood through Elementary Age Learning**

Study of individual differences in development and approaches to learning, instructional strategies, assessment of learning, and understanding and using standardized tests in early childhood through grade six classrooms.

**Credits** 3

**Course ID**

007318

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[EDUC 3306](#) Prerequisite: Admission to Teacher Education Program

**EDUC 3307 : Investigating Critical Issues in Education**

This course will include an examination of the cultural, political, and sociological issues that influence education. Consideration of each issue will be reflective of educational theory and research such that students will be provided an in-depth and critical analysis of issues facing education, including poverty, the implications of racial and ethnic diversity, government policy, and how these issues mirror our society as a whole. Implications for improvement of the condition of education will be proposed, evaluated and discussed.

**Credits** 3

**Course ID**

007423

**Grading Basis**

Graded

**Course Component**

Lecture

**EDUC 3308 : Education Action Research**

This course will focus on the action research process for educators. Students taking this course will conduct a research project that can be presented at a conference.

**Credits** 3

**Course ID**

009176

**Grading Basis**

Graded

**Course Component**

Research

**Semester Offered**

Spring semester

**EDUC 3313 : Digital Instructional Strategies**

Based on the ISTE standards for Educators, this course will introduce the basics of technology evaluation and integration into teaching and learning.

**Credits** 3

**Course ID**

008511

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall semester

**EDUC 3339 : Multicultural Populations**

Investigation of curriculum needs in a culturally plural society. Explores concept of multicultural education, implications for educational programs, effects of cultural differences on teaching and learning. This course focuses on the knowledge, abilities, and skills which are part of the pedagogy across the Teacher Education Program and necessary for effective professional practice with a diverse student population.

**Credits** 3

**Course ID**

004146

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[EDUC 3339](#) Prerequisite: Admission to Teacher Education

**EDUC 3350 : Coaching for Success**

This course provides an introduction to the scientific bases for coaching sports and to the process of coaching athletes. It includes the development of an individual coaching philosophy and the application of scientific training in the psychological, physiological, pedagogical, and managerial bases of sport coaching.

**Credits** 3

**Course ID**

009351

**Grading Basis**

Graded

**Course Component**

Lecture

**EDUC 4100 : Special Topics**

**Credits** 1

**Course ID**

004153

**Grading Basis**

Graded

**Course Component**

Special Topics

**EDUC 4191 : Internship in Education**

Practicum experience under the guidance of practicing specialists in the field. Student will be supervised individually by a faculty member appointed by the dean.

**Credits** 1

**Course ID**

001919

**Grading Basis**

Graded

**Course Component**

Internship

**Requisites**

[EDUC 4191](#) Prerequisite: Admission to Teacher Education

**EDUC 4192 : Directed Reading/Independent Study in Education**

Student research on a selected, relevant problem pursued under the guidance of a faculty member assigned by the dean.

**Credits** 1

**Course ID**

001925

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[EDUC 4192](#) Prerequisite: Admission to Teacher Education

**EDUC 4193 : Special Topics in Education**

Topics investigated in group setting with faculty leadership. The special topic is subject to the approval of the dean.

**Credits** 1

**Course ID**

001929

**Grading Basis**

Graded

**Course Component**

Special Topics

**Requisites**

[EDUC 4193](#) Prerequisite: Admission to Teacher Education

**EDUC 4200 : Special Topics**

**Credits** 2

**Course ID**

004154

**Grading Basis**

Graded

**Course Component**

Special Topics

**EDUC 4291 : Internship in Education**

Practicum experience under the guidance of practicing specialists in the field. Student will be supervised individually by a faculty member appointed by the dean.

**Credits** 2

**Course ID**

001920

**Grading Basis**

Graded

**Course Component**

Internship

**Requisites**

[EDUC 4291](#) Prerequisite: Admission to Teacher Education

**EDUC 4292 : Directed Reading/Independent Study in Education**

Student research on a selected, relevant problem pursued under the guidance of a faculty member assigned by the dean.

**Credits** 2

**Course ID**

001926

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[EDUC 4292](#) Prerequisite: Admission to Teacher Education

**EDUC 4293 : Special Topics in Education**

Topics investigated in group setting with faculty leadership. The special topic is subject to the approval of the dean.

**Credits** 2

**Course ID**

001930

**Grading Basis**

Graded

**Course Component**

Special Topics

**Requisites**

[EDUC 4293](#) Prerequisite: Admission to Teacher Education

**EDUC 4300 : Special Topics**

**Credits** 3

**Course ID**

004155

**Grading Basis**

Graded

**Course Component**

Special Topics

**EDUC 4338 : Classroom Management**

Analysis and application of current theories of inspiring student behavior conducive to learning, including classroom discipline. An essential component of this course is investigating new ways of creating an effective environment for learning that can be applied to all students.

**Credits** 3

**Course ID**

001934

**Grading Basis**

Graded

**Course Component**

Practicum

**Requisites**

[EDUC 4338](#) Prerequisite: Admission to Teacher Education



**EDUC 4360 : Student Teaching, Elementary**

Directed study, observation and actual teaching in a cooperating elementary school. Twelve weeks, all day. 6 credit hours.

**Credits** 3

**Course ID**

001935

**Grading Basis**

Graded

**Course Component**

Student Teaching

**Requisites**

[EDUC 4360](#) Prerequisite: Admission to Teacher Education

**EDUC 4361 : Student Teaching, Elementary**

Directed study, observation and actual teaching in a cooperating elementary school. Twelve weeks, all day. 6 credit hours.

**Credits** 3

**Course ID**

001936

**Grading Basis**

Graded

**Course Component**

Student Teaching

**Requisites**

[EDUC 4361](#) Prerequisite: Admission to Teacher Education

**EDUC 4362 : Student Teaching, Elementary/Early Childhood  
Student Teaching, Elementary/ECE****Early Childhood**

Directed study, observation and actual teaching in a cooperating elementary/early childhood classroom. 12 weeks, all day. 6 credit hours. Prerequisite: Admission to Teacher Education (& EDUC 3303, 3304 for Students Enrolling in Daytime Courses). Fall.

**Credits** 3

**Course ID**

001938

**Grading Basis**

Graded

**Course Component**

Student Teaching

**EDUC 4363 : Student Teaching, Elementary/Bilingual**

Directed study, observation and actual teaching in a cooperating elementary bilingual classroom with instruction given in English and the language of the target population. Twelve weeks, all day, 6 credit hours. The twelve weeks may be divided into 6 weeks in a regular education setting and 6 weeks in a special education setting.

**Credits** 3

**Course ID**

001940

**Grading Basis**

Graded

**Course Component**

Student Teaching

**Requisites**

[EDUC 4363](#) Prerequisites: Admission to Teacher Education

**EDUC 4364 : Student Teaching, Elementary/Special Education**

Directed study, observation and actual teaching in a cooperating elementary/special education classroom. Twelve weeks, all day. 6 credit hours.

**Credits** 3

**Course ID**

001942

**Grading Basis**

Graded

**Course Component**

Student Teaching

**Requisites**

[EDUC 4364](#) Prerequisite: Admission to Teacher Education

**EDUC 4370 : Student Teaching, Secondary**

Directed study, observation and actual teaching in a cooperating secondary school. Twelve weeks, all day. 6 credit hours.

**Credits** 3

**Course ID**

001943

**Grading Basis**

Graded

**Course Component**

Student Teaching

**Requisites**

[EDUC 4370](#) Prerequisite: Admission to Teacher Education

**EDUC 4371 : Student Teaching, Secondary**

Directed study, observation and actual teaching in a cooperating secondary school. Twelve weeks, all day. 6 credit hours.

**Credits** 3

**Course ID**

001944

**Grading Basis**

Graded

**Course Component**

Student Teaching

**Requisites**

[EDUC 4371](#) Prerequisite: Admission to Teacher Education

**EDUC 4391 : Internship in Education**

Practicum experience under the guidance of practicing specialists in the field. Student will be supervised individually by a faculty member appointed by the dean.

**Credits** 3

**Course ID**

001921

**Grading Basis**

Pass/Fail Option

**Course Component**

Internship

**Requisites**

[EDUC 4391](#) Prerequisite: Admission to Teacher Education

**EDUC 4392 : Directed Reading/Independent Study in Education**

Student research on a selected, relevant problem pursued under the guidance of a faculty member assigned by the dean.

**Credits** 3

**Course ID**

001927

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[EDUC 4392](#) Prerequisite: Admission to Teacher Education

**EDUC 4393 : Special Topics in Education**

Topics investigated in group setting with faculty leadership. The special topic is subject to the approval of the dean.

**Credits** 3

**Course ID**

001931

**Grading Basis**

Graded

**Course Component**

Special Topics

**Requisites**

[EDUC 4393](#) Prerequisite: Admission to Teacher Education

**EDUC 4491 : Internship in Education**

Practicum experience under the guidance of practicing specialists in the field. Student will be supervised individually by a faculty member appointed by the dean.

**Credits** 4

**Course ID**

001922

**Grading Basis**

Graded

**Course Component**

Internship

**Requisites**

[EDUC 4491](#) Prerequisite: Admission to Teacher Education

**EDUC 4492 : Directed Reading/Independent Study in Education**

Student research on a selected, relevant problem pursued under the guidance of a faculty member assigned by the dean.

**Credits** 4

**Course ID**

001928

**Grading Basis**

Graded

**Course Component**

Independent Study

**Requisites**

[EDUC 4492](#) Prerequisite: Admission to Teacher Education

**EDUC 4493 : Special Topics in Education**

Topics investigated in group setting with faculty leadership. The special topic is subject to the approval of the dean.

**Credits** 4

**Course ID**

001932

**Grading Basis**

Graded

**Course Component**

Special Topics

**Requisites**

[EDUC 4493](#) Prerequisite: Admission to Teacher Education

**EDUC 4591 : Internship in Education**

Practicum experience under the guidance of practicing specialists in the field. Student will be supervised individually by a faculty member appointed by the dean.

**Credits** 5

**Course ID**

001923

**Grading Basis**

Graded

**Course Component**

Internship

**Requisites**

[EDUC 4591](#) Prerequisite: Admission to Teacher Education

**EDUC 4691 : Internship in Education**

Practicum experience under the guidance of practicing specialists in the field. Student will be supervised individually by a faculty member appointed by the dean.

**Credits** 6

**Course ID**

001924

**Grading Basis**

Graded

**Course Component**

Internship

**Requisites**

[EDUC 4691](#) Prerequisite: Admission to Teacher Education

## Multidisciplinary Studies

**MS 4331 : Essentials of Science**

Investigates essentials of life, earth and physical science. Develops skill in the application of scientific processes.

**Credits** 3

**Course ID**

002924

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MS 4331](#) Prerequisite: Admission to Teacher Education

**MS 4333 : Essentials of Mathematics**

Investigates the essentials of pre-number development, quantitative relationships, including concepts associated with numbers, basic operations and problem solving.

**Credits** 3

**Course ID**

002926

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MS 4333](#) Prerequisite: Admission to Teacher Education

**MS 4335 : Essentials of Social Studies**

Investigates the essentials of civic responsibility. Includes concepts from the disciplines of economics, geography, history and political science as well as psychological, sociological and cultural factors.

**Credits** 3

**Course ID**

002927

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MS 4335](#) Prerequisite: Admission to Teacher Education

**MS 4338 : Adolescent Learning**

Investigates processes used by younger and older adolescents to master secondary curriculum. Includes variables related to analysis, synthesis and evaluation as well as variables related to type of concept to be learned.

**Credits** 3

**Course ID**

002930

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[MS 4338](#) Prerequisite: Admission to Teacher Education

## Reading

**READ 0101 : Developmental Reading**

**Credits** 1

**Course ID**

005171

**Grading Basis**

Graded

**Course Component**

Lecture

# Reading Education

## **RDGED 3303 : Content Area Reading**

Factors contributing to reading skill development. Techniques for teaching reading in the content areas.

**Credits** 3

**Course ID**

001975

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[RDGED 3303](#) Prerequisite: Admission to Teacher Education

## **RDGED 3304 : Teaching Young Children Reading: A Balanced Approach**

Systematic approaches in using literature to encourage voluntary reading and build comprehensive skills: thematic units and using multiethnic literature to help children function more effectively in a pluralistic society.

**Credits** 3

**Course ID**

001976

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[RDGED 3304](#) Prerequisites: Admission to Teacher Education Program

## **RDGED 3305 : Foundations of Reading**

Approaches to teaching reading in the elementary school: emergent literacy (phonemic awareness, alphabetic principle, and fluency), vocabulary, comprehension, integration of reading and writing and teaching reading to students with special needs. Focus is on Response to Intervention with Scientifically based Reading Instruction (SBRI). Also includes observation of a variety of school settings, including one extended experience in a specific assigned classroom.

**Credits** 3

**Course ID**

001977

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[RDGED 3305](#) Prerequisite: Admission to Teacher Education

**RDGED 4325 : Diagnosis & Remediation of Rdg Difficulties**

Designed to increase understanding of corrective reading strategies in elementary and secondary schools. Students will be able to demonstrate proficient application of their understanding of the following: the analytic approach to corrective and remedial reading; formal and informal measurements of reading performances; intervention strategies; instructional material; current trends and issues related to reading programs. Assessment is addressed using a 3 TIER Model of reading instruction.

**Credits** 3

**Course ID**

005734

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[RDGED 4325](#) Prerequisites: Admission to Teacher Education

## Special Education

**SPED 3339 : Human Growth and Development**

([PSYC 3339](#)) Explores general processes of development: physical, cultural, interpersonal, emotional and the interrelationships among these processes.

**Credits** 3

**Course ID**

001978

**Grading Basis**

Graded

**Course Component**

Lecture

**SPED 4320 : Exceptionality in Today's Schools**

This course provides an introduction to special education programs and services in today's schools within the framework of inclusion, collaboration and evidence based on instructional strategies.

**Credits** 3

**Course ID**

001979

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[SPED 4320](#) Prerequisite: Admission to Teacher Education Program



**SPED 4322 : Theory and Behavior of Students with Emotional Disorders**

A theoretical understanding of the development and nature of the most frequently occurring emotional problems of children in schools. Prerequisite: [SPED 4320](#).

**Credits** 3

**Course ID**

001980

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[SPED 4322](#) Prerequisite: [SPED 4320](#)

**SPED 4324 : Practicum in Teaching Students with Emotional Disorders**

The student will gain first-hand experience through case studies, observation and discussion in working with children with emotional problems. A minimum of 54 clock hours of experience will be required. Prerequisites: [SPED 4320](#), 4322.

**Credits** 3

**Course ID**

001982

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[SPED 4324](#) Prerequisite: [SPED 4320](#), 4322

**SPED 4325 : Theories & Approaches to Teaching Students with Mild Disabilities**

The course includes an analysis of the various approaches for providing instruction to the individual with mild disabilities. Language acquisition and cognition are examined to include normal, delayed and disordered development. Assessment techniques and individualized programming are covered in preparation to teach students with mild disabilities in the regular classroom with support services, resource or self-contained classrooms. Prerequisite: [SPED 4320](#).

**Credits** 3

**Course ID**

001983

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[SPED 4325](#) Prerequisite: [SPED 4320](#)

**SPED 4329 : Practicum in Teaching Students with Mild Disabilities**

First-hand experience in working with children with mildly disabling conditions. Students assist in the assessment, program design and implementation of appropriate education experiences for disabled children. Students participate in parent workshops providing information and support services to parents of children with mild disabilities. Prerequisites: [SPED 4325](#) or permission of faculty member.

**Credits** 3

**Course ID**

001985

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[SPED 4329](#) Prerequisite: [SPED 4325](#)

**SPED 4331 : Differentiating Instruction**

This course will focus on providing students with disabilities access to the general education curriculum by differentiating content, process and products based on individual needs, interests, learning profile, and readiness levels. Prerequisites: [SPED 4320](#), 4325, 4.

**Credits** 3

**Course ID**

006109

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**

[SPED 4331](#) Prerequisite: [SPED 4320](#), 4325

## Pastoral Studies

**CG 4329 : Epistemological Issues for Theology**

What is the difference between knowledge & mere belief or opinion? What do we really know & how do we know it? Epistemology, the study of knowledge, is a branch of philosophy concerned with such questions. Although this course will explore a range of epistemological issues through an examination of some of the important contributions to the field (Plato, Descartes, Hume), the concentration will be on the realist (that is, Thomist) philosophy of knowledge.

**Credits** 3

**Course ID**

007083

**Grading Basis**

Graded

**Course Component**

Lecture

# Pastoral Theology

## **CB 3122 : Sacramental Celebrations**

This practical course for Diaconal Formation includes instruction on the methods and skills necessary for presiding at liturgical rites and preparing a well-constructed and well-delivered homily for that particular liturgy. This one credit hour course will ground the student in the foundational principles of liturgical worship to help in the development of an effective presence at baptisms, marriages, viaticum, RCIA rituals in and outside the context of mass, as well as participation at confirmation, reconciliations, blessings, anointing of the sick, funerals, and rituals for the dying. Emphasis is given to the interplay between the Scripture readings, the ritual, the presider, and the assembly. Students will prepare a ritual of the church and deliver an appropriate homily at the practice ritual, which will be critically discussed and evaluated by the instructor and fellow students.

**Credits** 1

**Course ID**

006628

**Grading Basis**

Graded

**Course Component**

Lecture

## **CU 1201 : Introduction to Sacred Scripture**

This course will give students an introduction into to the biblical text and structure and will explore methodologies used in the exegesis of Sacred Scripture drawing upon Dei Verbum from the Second Vatican Council and the Interpretation of the Bible in the Church from the Pontifical Biblical Commission; the major Biblical forms of criticism currently employed by modern exegetes (narrative criticism, form criticism, source criticism, redaction criticism, social-science criticism, canonical criticism, to name a few) including also introduction and survey of patristic exegetical methods pertaining to Scripture and its development will be explored. It is the goal of this course to prepare the student for subsequent examinations of scripture using Catholic methods of scriptural analysis.

**Credits** 2

**Course ID**

009328

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Offered as needed

**CU 1202 : Christian Faith I (CCC)**

Christian Faith I (CCC)

**Credits** 2

**Course ID**

009323

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Offered as needed

**CU 1203 : Historical Books of the Old Testament**

An introductory course in the Old Testament as the story of a people with emphasis on the historical, literary, theological, and social contexts in the development of the Pentateuch and the Deuteronomistic historical books, Joshua, and Judges.

**Credits** 2

**Course ID**

009326

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Offered as needed

**CU 1204 : Christian Faith II (VaticanII)**

Overview of historical context and importance of the Second Vatican Council and in-depth study of its primary texts, including a focus on modern interpretations and implications of the council in relation to the actual teaching and ongoing significance of the documents themselves.

**Credits** 2

**Course ID**

009324

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Offered as needed

**CU 1205 : Monarchy-Exile: Prophets & Kings**

This course offers an introduction to the study of the establishment of the monarchy and the role of the Minor Prophets (Latter Prophets). Areas of inquiry will also include the story of the northern and southern prophets and the Fall of Jerusalem. Special emphasis will be given to the style of communication and theological themes of the prophets.

**Credits** 2

**Course ID**

009330

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Offered as needed

**CU 1207 : Old Testament Wisdom**

Course studies the biblical genre of Wisdom as expressed in the Proverbs, Job, Song of Songs, Ecclesiastes, Book of Wisdom, Wisdom of Sirach, Baruch, and parts of the Psalms. The study will include the nature of the Scriptural genre of Wisdom as normative direct address, including single sentences, proverbial and hortatory, and in longer discourses and poems, with discussion also of the interplay between theology and philosophy in these books.

**Credits** 2

**Course ID**

009331

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Offered as needed

**CU 1208 : Introduction to Philosophy**

An introduction to the foundations, components, and progression of classic philosophical thought. Course includes the contributions of St. Augustine, St. Thomas Aquinas, and others important philosophers.

**Credits** 2

**Course ID**

009327

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Offered as needed

**CU 2007 : Introduction to Church****Credits** 0**Course ID**

002434

**Grading Basis**

Graded

**Course Component**

Lecture

**CU 2118 : Canon Law I****Credits** 1**Course ID**

006807

**Grading Basis**

Graded

**Course Component**

Lecture

**CU 2120 : Human and Religious Development****Credits** 1**Course ID**

005862

**Grading Basis**

Graded

**Course Component**

Lecture

**CU 2122 : Ecumenism & Interfaith Dialogue**

This course will introduce students to the history, theology, spirituality, praxis and challenges of ecumenism and interfaith dialogue. The course will be grounded in the Vatican II documents: Unitatis Redintegratio and Nostra Aetate and will consider recent developments, documents and official dialogues with Orthodox, Anglican, Protestant and Evangelical Christians and the relationships with Judaism, Islam, Hinduism and Buddhism.

**Credits** 1**Course ID**

009046

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Offered as needed

**CU 2202 : Prophets**

This course offers an introduction to the contemporary study of the Deuteronomistic Historical Books (Former Prophets) and the Major and Minor Prophets (Latter Prophets). Typical areas of inquiry will include the story of the Conquest, the Judges, pre-Israelite prophecy, the northern and southern prophets and the Fall of Jerusalem. Special emphasis will be given to the prophets' style of communication as well as the role of the prophet in Israelite and Judahite society.

**Credits** 2

**Course ID**

002429

**Grading Basis**

Graded

**Course Component**

Lecture

**CU 2203 : Gospels**

**Credits** 2

**Course ID**

002430

**Grading Basis**

Graded

**Course Component**

Lecture

**CU 2204 : Pauline Letters**

This course will explore the writings of Paul and seek to understand his importance for the early Christian Community. We will explore how Paul goes from being a leader in the persecution of Christians to becoming the Apostle to the Gentiles. It is Paul's understanding of Judaism that helps guide the Early Church to becoming its own religion, distinct from Judaism. From his letters, we can see clearly the issues, concerns, problems and faith of the Early Church.

**Credits** 2

**Course ID**

002431

**Grading Basis**

Graded

**Course Component**

Lecture

**CU 2205 : Church History**

This course seeks to give students a comprehensive summary of church history. Church History will survey development of the Church from its Jewish roots through the period of the Church Fathers on through the Vatican II era of the present day; attention will also be given of the American Catholic Church, including the early missionary period to the present. This course will include lecture, discussion, and primary source readings.

**Credits** 2

**Course ID**

002432

**Grading Basis**

Graded

**Course Component**

Lecture

**CU 2206 : Fundamental Theology**

This course is a theological exploration of God's divine self-communication to humankind in Christ by the power of the Holy Spirit and humankind's graced response to that revelation in the life of faith. The course will begin with a reflection on the nature of human experience as the locus of the encounter between God and humankind. Reflections on the relationship between faith and reason, philosophy and theology prepares introduces the ways of knowing God. We will then explore the way in which the one divine revelation is mediated through Scripture and Tradition and given normative expression in dogma and doctrine. The respective roles of the magisterium, theologians and the *sensus fidelium* in the faithful transmission and reception of the Catholic faith will also be explored at length.

**Credits** 2**Course ID**

002433

**Grading Basis**

Graded

**Course Component**

Lecture

**CU 2207 : Introduction to Church**

This course seeks to examine the nature of the church as the mystery of God's communion with us and our communion with each other in him. We examine various approaches to ecclesiology, in particular the approach of *communio*. Attention to the four marks of the church: one, holy, catholic and apostolic provides a framework for consideration of particular issues facing the church. Ecumenical issues are examined throughout the study and pastoral application for ministry are discussed when appropriate.

**Credits** 2**Course ID**

004051

**Grading Basis**

Graded

**Course Component**

Lecture

**CU 2208 : Doctrine of God**

This course will explore: the God of Judeo-Christian revelation, the economic and immanent Trinity, trace the development of Trinitarian theology, examine the person of the Father in creation, the Son Jesus Christ and His mission of salvation, and explore the Holy Spirit as Lord and Sanctifier. All of these theological explorations will be understood in the context of the Church's tradition.

**Credits** 2**Course ID**

002435

**Grading Basis**

Graded

**Course Component**

Lecture



**CU 2209 : Christology**

This course offers a systematic study of the person and mission of Jesus Christ as found in Scripture and Tradition. The course will provide an examination of the development of Christology and soteriology with special emphasis on the authoritative teaching of the Church. The course will also develop theological reflection on the role of Mary as the Virgin Mother of the Savior. Prerequisite: Revelation and Faith

**Credits** 2

**Course ID**

002436

**Grading Basis**

Graded

**Course Component**

Lecture

**CU 2210 : Christian Anthropology-Eschatology**

Systematic theological reflection on the human person in the light of Christian revelation; the human person as created in the image of God, fallen through original sin, restored in Christ through grace; justification, good works and merit in the history of theology; Christian eschatology with a view towards hope and the contemporary problematic concerning hermeneutics.

**Credits** 2

**Course ID**

002437

**Grading Basis**

Graded

**Course Component**

Lecture

**CU 2211 : Moral Theology: Living the Christian Life**

**Credits** 2

**Course ID**

002438

**Grading Basis**

Graded

**Course Component**

Lecture

**CU 2212 : Contemporary Moral Issues**

The course will deal with contemporary moral issues in the context of Roman Catholic moral principles and the clinical/pastoral applications. Topics include: Perinatology issues (birth control, abortion, human reproductive assistance, etc.), organ transplants, genetic engineering, sexuality and gender issues, stem cell research, dying and death, resource allocation and some aspects of environmental ethics.

**Credits** 2

**Course ID**

002439

**Grading Basis**

Graded

**Course Component**

Lecture

**CU 2213 : Sacraments I**

An introduction to the Church's public worship and to the Sacraments. Principles of sacramental theology especially with regard to catechesis and pastoral practice. A close study of the various rites which are part of the Sacraments of Initiation and the Eucharist which deacons can either celebrate or use as they prepare others.

**Credits** 2

**Course ID**

002440

**Grading Basis**

Graded

**Course Component**

Lecture

**CU 2215 : Sacraments II**

An introduction to the Church's public worship and to the Sacraments. Principles of sacramental theology especially with regard to catechesis and pastoral practice. A close study of the various rites which are part of the Sacraments of Marriage, Penance, and Orders, and Ministries to the Sick and Dying.

**Credits** 2

**Course ID**

004052

**Grading Basis**

Graded

**Course Component**

Lecture

**CU 2217 : Sacraments I & II**

An introduction to the Church's public worship and to the Sacraments. Principles of sacramental theology and study of the various rites which are part of the Sacraments of Initiation and the Eucharist, catechesis and pastoral practice. Attention also to the Sacraments of Matrimony, Holy Orders, Penance and the Anointing of the Sick, and of the Funeral Rites which deacons may celebrate or prepare others for.

**Credits** 2

**Course ID**

009334

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Offered as needed

**CU 2219 : Intro. to Philosophy**

**Credits** 2

**Course ID**

005817

**Grading Basis**

Graded

**Course Component**

Lecture

**CU 2221 : Early Church Fathers****Credits** 2**Course ID**

006224

**Grading Basis**

Graded

**Course Component**

Lecture

**CU 2222 : Covenant & Kingdom: Genesis to Kings**

An introductory course in the Old Testament as the story of a people with emphasis on the historical, literary, theological, and social contexts in the development of the Pentateuch and the Deuteronomistic historical books.

**Credits** 2**Course ID**

006789

**Grading Basis**

Graded

**Course Component**

Lecture

**CU 2223 : Introduction to Liturgy**

Introduction to Liturgy

**Credits** 2**Course ID**

006988

**Grading Basis**

Graded

**Course Component**

Lecture

**CU 2224 : Johannine Literature**

Study of the Gospel of John, with the view of its use in the liturgy and pastoral ministry. The background, structure, characteristics, and theology of the Gospel are discussed, with focus on its Christology and Sacramental Theology specifically. The Johannine Epistles (1, 2, and 3 John), and the Book of Revelation are also given special attention.

**Credits** 2**Course ID**

009329

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Offered as needed

**CU 2225 : Anthropology**

Course will provide a study of the human person in the light of Christian revelation as created in the image of God, fallen through original sin and restored in Christ, to include a systematic discussion of grace, justification, good works and merit in the history of theology with an orientation to contemporary ecumenical dialogue.

**Credits** 2

**Course ID**

009322

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Offered as needed

**CU 2226 : Eschatology**

Founded on a Christian understanding of Incarnation and anthropology, course studies the natural and supernatural destiny of the human person as created by God. Attention will be given to the classic Last Things, death, judgment, heaven and hell, as well as issues in theodicy, Christian hope, and the human entry into the fullness of the mystery of God.

**Credits** 2

**Course ID**

009325

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Offered as needed

**CU 2227 : Christology & Doctrine of God**

Course explores the person and work of Jesus Christ as revealed in Scripture and received in the Church, the formation of the Church's doctrinal and theological tradition, the questions raised by contemporary methods of biblical study, and theological approaches to the mystery of Christ's person and his place in the economy of salvation. Examination of the God of Judeo-Christian revelation with consideration of the predicament of Theology in the face of atheism and secularism. This course will explore God's self-revelation in the Old and New Testaments as well as the economic and immanent Trinity, and trace the development of Trinitarian theology.

**Credits** 2

**Course ID**

009332

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Offered as needed

**CU 2228 : Moral Theology/Contemporary Issues**

Consideration of the moral and spiritual life from the apostolic age to the present, with reflection on the role of human nature, human action, conscience, judgment, character, virtue, vice, and the relationship of nature and grace in human action, the role of the indwelling of the Holy Spirit and the guidance of scripture and theological reflection on the moral life. From these foundations, students will study conscience formation in moral decision making and the role of the magisterium in dealing with moral questions and conflict--course will engage students in study and reflection on contemporary issues in medicine, the use of medical technology, genetic research and biomedical science.

**Credits** 2

**Course ID**

009333

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Offered as needed

**CU 2311 : Introduction to the Liturgical Year**

This course will explore the ways that the mystery of salvation is signified in the liturgical life of the Church, and the devotional life of the Christian. Through examining the elements of liturgy and the liturgical year, the student will explore the unfolding of the year of grace, so that the Christian will come to know and experience how "all time belongs to Him and all ages." Through lecture, practicum and reading, the course will heighten the awareness that the Church's Liturgical year is filled with sign and symbol, in language, ritual action, art and architecture, and music, to promote active participation in the Church's mysteries to deepen the encounter with Christ in every time and season.

**Credits** 3

**Course ID**

007948

**Grading Basis**

Graded

**Course Component**

Lecture

**CU 3100 : Introduction to Pastoral Methodology**

**Credits** 1

**Course ID**

002445

**Grading Basis**

Graded

**Course Component**

Lecture

**CU 3108 : Pastoral Guidance & Counseling**

**Credits** 1

**Course ID**

006225

**Grading Basis**

Graded

**Course Component**

Lecture

**CU 3109 : Catholic Social Teachings****Credits** 1**Course ID**

006226

**Grading Basis**

Graded

**Course Component**

Lecture

**CU 3112 : Presidential Leadership & Homiletics II**

This practical course on presiding and homiletics for Diaconal Formation includes instruction on the methods and skills necessary for presiding at liturgical rites and preparing a well constructed and well delivered homily for that particular liturgy. This one credit hour course will ground the student in the foundational principles of liturgical prayer to help in the development of effective leadership as presider as well as the basic principles and practical advice necessary to prepare a good homily. Emphasis is given to the interplay between the Scripture readings, the ritual, the presider, and the assembly. Students will prepare a ritual of the church and deliver an appropriate homily at the practice ritual, which will be critically discussed and evaluated by the instructor and fellow students.

**Credits** 1**Course ID**

006029

**Grading Basis**

Pass/Fail Option

**Course Component**

Practicum

**CU 3115 : Canon Law II****Credits** 1**Course ID**

005722

**Grading Basis**

Graded

**Course Component**

Lecture

**CU 3119 : Proc and Homiletics I****Credits** 1**Course ID**

006034

**Grading Basis**

Pass/Fail Option

**Course Component**

Lecture

**CU 3121 : Presidential Leadership & Homiletics III****Credits** 1**Course ID**

006404

**Grading Basis**

Pass/Fail Option

**Course Component**

Seminar

**CU 3122 : Sacramental Celebrations**

This practical course for Diaconal Formation includes instruction on the methods and skills necessary for presiding at liturgical rites and preparing a well-constructed and well-delivered homily for that particular liturgy. This one credit hour course will ground the student in the foundational principles of liturgical worship to help in the development of an effective presence at baptisms, marriages, viaticum, RCIA rituals in and outside the context of mass, as well as participation at confirmation, reconciliations, blessings, anointing of the sick, funerals, and rituals for the dying. Emphasis is given to the interplay between the Scripture readings, the ritual, the presider, and the assembly. Students will prepare a ritual of the church and deliver an appropriate homily at the practice ritual, which will be critically discussed and evaluated by the instructor and fellow students.

**Credits** 1**Course ID**

006627

**Grading Basis**

Pass/Fail Option

**Course Component**

Lecture

**CU 4100 : Directed Reading**

This Directed Reading course will not be used often, but it provides the possibility for a student to add one necessary hour of coursework when needed—for example, a student transferring in hours from another institution where the credit-hour equivalency is not exact; this one-hour Directed Reading could add the required hours necessary for program completion.

**Credits** 1**Course ID**

002452

**Grading Basis**

Graded

**Course Component**

Independent Study

**Semester Offered**

Offered as needed

## YBAL-Ancient Languages

**YBAL 1301 : Introduction to Biblical Greek I**

This course is an introduction to Biblical Greek for those with no background in the language. Emphasis will be placed on grammar, syntax and vocabulary building to enable the student to begin to read biblical texts.

**Credits** 3**Course ID**

005569

**Grading Basis**

Graded

**Course Component**

Lecture

**YBAL 1302 : Introduction to Biblical Greek II**

This course builds upon the skills learned in Introduction to Biblical Greek I. After completing and reviewing basic grammar, the student will begin reading more complex biblical texts. Emphasis will be placed upon continued vocabulary building and understanding of more complex grammatical points.

**Credits** 3

**Course ID**

005570

**Grading Basis**

Graded

**Course Component**

Lecture

**YBAL 1303 : Introduction to Biblical Hebrew I**

For those with no background in the language. Emphasis on basic grammar, syntax and vocabulary building to enable the student to read biblical texts. Offered at the School of Theology campus only.

**Credits** 3

**Course ID**

006149

**Grading Basis**

Graded

**Course Component**

Lecture

**YBAL 1304 : Introduction to Biblical Hebrew II**

This course is a continuation of Introduction to Hebrew I. The student will begin to read biblical texts as the class progresses through the grammar. Emphasis will be placed on grammatical drill and the reading of texts.

**Credits** 3

**Course ID**

005571

**Grading Basis**

Graded

**Course Component**

Lecture

**YBAL 4307 : Ecclesiastical Latin I**

This course is an introduction to Ecclesiastical Latin. It seeks to prepare the student to read liturgical, patristic and conciliar texts.

**Credits** 3

**Course ID**

006462

**Grading Basis**

Graded

**Course Component**

Lecture



**YBAL 4308 : Ecclesiastical Latin II**

This course is a continuation of Ecclesiastical Latin I. After finishing basic Latin Grammar, we will read various liturgical, patristic and conciliar texts.

**Credits** 3

**Course ID**

006607

**Grading Basis**

Graded

**Course Component**

Lecture

## YHS-Historical Studies

**YHS 4302 : Church History I**

Introduction to the field of church history through an examination of the Jewish roots of the Christian community, the development of its doctrinal and ethical positions, its relationship to surrounding cultures, the relationship of church & state, its geographical expansion & consolidation during the first 13 centuries.

**Credits** 3

**Course ID**

007086

**Grading Basis**

Graded

**Course Component**

Lecture

## YPF-Pastoral Field Education

**YPF 4101 : Educational Ministry I**

Participation in catechetical ministry through teaching & observation, to understand catechesis in relation to presbyteral ministry. Dialogue sessions with peers

**Credits** 1

**Course ID**

007084

**Grading Basis**

Graded

**Course Component**

Practicum

# YPL-Liturgical Sacramental

## **YPL 4201 : Introduction to Liturgy**

An introduction to the study of the Church's public worship, beginning with a study of ritual action as constitutive of life. Principles of liturgical theology. A survey of the history of the evolution of liturgical practice culminating with a study of the Constitution on the Sacred Liturgy, the General Instruction of the Roman Missal, the Directory for Masses with Children, the Episcopal documents on music, art & architecture & Eucharistic practices, the Lectionary for Mass, the Liturgical Year, and the General Instruction on the Liturgy of the Hours. A study of liturgical spirituality & an overview of the structure of the liturgy of the Eucharist from a historical & cultural perspective.

**Credits** 2

**Course ID**

007081

**Grading Basis**

Graded

**Course Component**

Lecture

## **YPL 4304 : Sacraments of Initiation**

Introduction to the sacraments beginning with the study of symbol, ritual & culture. Principles of sacramental theology. Role of Christian Initiation in the life of the Church. Survey history of the sacramental process of initiation from the New Testament Church through the present, with emphasis on the development of the Roman Rite. Exploration of the Rite of Baptism for children, the Rite of Confirmation, and the Rite of Christian Initiation of Adults, with reference to history, theology and pastoral practice.

**Credits** 3

**Course ID**

007077

**Grading Basis**

Graded

**Course Component**

Lecture

# YPP-Practical

## **YPP 4102 : Colloquium I**

This colloquium continues the case study and theological reflection methodology and process explored in "Introduction to Theological Studies." It will build on current education and pastoral experience as well as current academic and formational work.

**Credits** 1

**Course ID**

007082

**Grading Basis**

Graded

**Course Component**

Seminar

**YPP 4301 : Introduction to Theological Studies**

An introduction to the field of pastoral theology. Explores models, insights & skills to facilitate the crucial conversation between the Catholic faith tradition & the social, cultural & ecclesial contexts of pastoral ministry. Exploration of key issues & pressing questions. Introduction to sources. Consideration of the qualities of the Christian minister & the formation of mature, Christian adults who are responsive, responsible & creative participants in their faith tradition & in society.

**Credits** 3

**Course ID**

007076

**Grading Basis**

Graded

**Course Component**

Lecture

## YSM-Systematic Moral Theology

**YSM 4305 : Spirituality**

In the world in which cultural flux seems more rapid & sometimes more violent than the human person can tolerate, it is more essential than ever to clarify our sense of the meaning of life. This course will seek a deeper understanding of life's meaning as it is related to the nature of the human person, the world & the living God of the Christian. In doing so, we will focus on the common dimensions of the lived experience of these relationships in light of the great spiritual tradition of the Church. We will deal with the Trinitarian origins of our life in the Spirit, the reality of grace, the virtues & the gifts of the Holy Spirit, freedom, sin, conversion, growth in holiness & prayer.

**Credits** 3

**Course ID**

007079

**Grading Basis**

Graded

**Course Component**

Lecture

## University Course

**UNIV 1011 : First Year Advising**

First Year Advising

**Credits** 0

**Course ID**

007504

**Grading Basis**

Non-Graded Component

**Course Component**

Seminar

**UNIV 1111 : Freshman Symposium: Educating Leaders of Faith & Character**

This course provides first-semester UST students with an orientation to the University of St. Thomas, its mission as a Catholic and Basilian University, and the interrelationship between the University's mission and effective leadership.

**Credits** 1

**Course ID**

007327

**Grading Basis**

Graded

**Course Component**

Seminar

**UNIV 1121 : Research in the Information Age**

This course teaches the fundamentals of academic research. Upon completion of this course students will be able to: recognize the need for reliable information, locate reliable information effectively, evaluate information critically, use information ethically, and communicate information persuasively.

**Credits** 1

**Course ID**

008736

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**UNIV 1193 : Special Topics**

**Credits** 1

**Course ID**

008755

**Grading Basis**

Graded

**Course Component**

Lecture

**UNIV 1201 : Introduction to Scientific Research Methods**

This course is designed to introduce students to research methods used in STEM (Science, Technology, Engineering and Mathematics) areas. There will be laboratory exercises in all of the STEM areas at the University of St. Thomas. Prerequisite: Acceptance in the Science and Mathematics Summer Institute. Co-requisite: [MATH 1425](#) Summer only

**Credits** 2

**Course ID**

007239

**Grading Basis**

Graded

**Course Component**

Laboratory

**Requisites**

[UNIV 1201](#) Co-Requisite: [MATH 1425](#)

**UNIV 1293 : Special Topics**

Lower-division treatment of a selected topic of mutual interest to the faculty member and students.

**Credits** 2

**Course ID**

007973

**Grading Basis**

Graded

**Course Component**

Lecture

**UNIV 1341 : Faith, Reason, and Revelation**

An introductory course in fundamental Catholic theology, presenting the basic openness of the human person to divine revelation, the historical veracity of that revelation, and selected major theological themes in the Catholic worldview, with an eye to their coherence with one another and with the human person.

**Credits** 3

**Course ID**

009039

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**UNIV 1342 : Historical Consciousness**

A historical perspective on Western culture, society, and politics. This course aims to foster both historical consciousness and the stability and circumspection that results from an awareness of the richness and diversity of the past. Central to this course is the relation of selfhood and interiority to the public sphere of human action.

**Credits** 3

**Course ID**

009040

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**UNIV 1343 : Nature and the Human Person**

A study of nature and the human person according to the Aristotelian tradition, which covers many topics, including soul and body, sensation, emotion, thought, and will.

**Credits** 3

**Course ID**

009041

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**UNIV 1344 : Foundation of Liberal Learning**

An introduction to the liberal arts of language: grammar, logic, and rhetoric, accompanied by an explanation of liberal learning itself, its nature and importance. The course is interdisciplinary and may be taught from different disciplinary perspectives, depending on the professor.

**Credits** 3

**Course ID**

009042

**Grading Basis**

Graded

**Course Component**

Lecture

**Semester Offered**

Fall and spring semesters

**UNIV 2193 : Special Topics**

Lower-division treatment of a selected topic of mutual interest to the faculty member and students.

**Credits** 1

**Course ID**

008829

**Grading Basis**

Graded

**Course Component**

Special Topics

**UNIV 2393 : Special Topics**

Lower-division treatment of a selected topic of mutual interest to the faculty member and students.

**Credits** 3

**Course ID**

008350

**Grading Basis**

Graded

**Course Component**

Special Topics

**UNIV 3350 : Ethical Leadership**

This course introduces students to the foundational issues in the study of ethical leadership. The first part of the course will examine key theoretical problems that have occupied moral and political thinkers from Plato and Aristotle to St Thomas Aquinas and the American Founders: What makes a leader successful? What sort of characteristics and virtues are necessary for leadership? What kind of education and formation do leaders need? Is there a distinctly practical form of wisdom and how can it be acquired? Who are moral exemplars and how can we identify them? What kinds of societies and political regimes best serve to encourage good leaders and to constrain bad ones? How might power tempt and corrupt leaders? How might this be resisted? What is the relationship between leadership and morality? What functions does leadership fill, and what challenges do leaders face, in modern democratic states? How do the various forms of leadership (business, political, military, moral, and spiritual) relate to one another? The second half of the course will look at leaders in action, charting the efforts of politicians, intellectuals, grassroots activists, and moral and spiritual leaders to respond to the challenges of their time and shape the worlds in which they live.

**Credits** 3**Course ID**

009090

**Grading Basis**

Graded

**Course Component**

Seminar

**Semester Offered**

Spring semester, odd years

**UNIV 4189 : Individual and Organizational Success**

This course introduces students to a broad and fundamental understanding of how their chosen major subject relates to the larger world, the economy & business realities. It helps students establish a mindset where they see how their individual creativity, initiative, innovative tendencies and adaptability will be useful in their careers, adopting traits from successful entrepreneurs. Case studies and individual examples that are discipline-specific bring to life some of these concepts.

**Credits** 1**Course ID**

008221

**Grading Basis**

Graded

**Course Component**

Lecture

**Requisites**Prereq/Coreq [UNIV 4189](#): Junior Standing & [MGMT 4289](#) coreq

**UNIV 4338 : Leadership in Action**

The practicum is the core, capstone experience for students pursuing a Leadership Studies minor. Students will apply the knowledge and skills gained in other courses in the minor by engaging in experiential learning. Practicums can be internships or designed as part of other experiential learning activities (such as volunteer service projects, study abroad programs, and research projects) and are focused on individual leader development in organizational and professional settings.

**Credits** 3

**Course ID**

008216

**Grading Basis**

Graded

**Course Component**

Practicum

**UNIV 4393 : Special Topics**

Upper-division treatment of a selected topic of mutual interest to the faculty member and students.

**Credits** 3

**Course ID**

008739

**Grading Basis**

Graded

**Course Component**

Special Topics