



## 2023-2024 Catalog

### Mathematics: EC 7-12

Bachelor of Arts

**Academic Department**

Mathematics

**\*\*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.\*\*

**Total Credits 64**

Mathematics			
Item #	Course Title		Credits
<input type="checkbox"/> MATH 1431	Calculus I	MATH 1431 Prerequisite: MATH 1430 or department consent.	4
<input type="checkbox"/> MATH 1432	Calculus II	MATH 1432 Prerequisite: Grade of 'C' or Better in MATH 1431	4
<input type="checkbox"/> MATH 2431	Calculus III	MATH 2431 Prerequisite: MATH 1432 with a grade of "C" or better	4
<input type="checkbox"/> MATH 3360	Discrete Mathematics	MATH 3360 Prerequisite: MATH 1431	3
<input type="checkbox"/> MATH 2343	Differential Equations I	MATH 2343 Prerequisite: MATH 1432 with a grade of "C" or better	3
<input type="checkbox"/> MATH 3334	Linear Algebra I	MATH 3334 Prerequisite: MATH 1432	3
<input type="checkbox"/> MATH 4338	Abstract Algebra I	MATH 4338 Prerequisite: MATH 3360	3

Mathematics Electives	
Choose an additional 3000/4000 level mathematics courses	

Computer Science		
Item #	Course Title	Credits
<input type="checkbox"/> COMSC 1450	Introduction to Programming and Computer Science	4

## Professional Development

Must be completed at UST.

Item #	Course Title		Credits
<input type="checkbox"/> EDUC 3100	Field Experience Seminar I	EDUC 3100 Prerequisite: Admissions to Teacher Education Program	1
<input type="checkbox"/> EDUC 3101	Field Experience Seminar II	EDUC 3101 Prerequisite: Admission to Teacher Education Program	1
<input type="checkbox"/> EDUC 3102	Field Experience Seminar III	EDUC 3102 Prerequisite: Admission to Teacher Education Program	1
<input type="checkbox"/> EDUC 3304	Introduction to Curriculum and Instruction	EDUC 3304 Prerequisite: Admission to Teacher Education	3
<input type="checkbox"/> EDUC 3313	Digital Instructional Strategies		3
<input type="checkbox"/> EDUC 3339	Multicultural Populations	EDUC 3339 Prerequisite: Admission to Teacher Education	3
<input type="checkbox"/> EDUC 4338	Classroom Management	EDUC 4338 Prerequisite: Admission to Teacher Education	3
<input type="checkbox"/> EDUC 4370	Student Teaching, Secondary	EDUC 4370 Prerequisite: Admission to Teacher Education	3
<input type="checkbox"/> EDUC 4371	Student Teaching, Secondary	EDUC 4371 Prerequisite: Admission to Teacher Education	3

## Multidisciplinary Studies

Item #	Course Title		Credits
<input type="checkbox"/> MS 4338	Adolescent Learning	MS 4338 Prerequisite: Admission to Teacher Education	3

## Reading

Item #	Course Title		Credits
<input type="checkbox"/> RDGED 3303	Content Area Reading	RDGED 3303 Prerequisite: Admission to Teacher Education	3

## English as a Second Language

Item #	Course Title		Credits
<input type="checkbox"/> BIE_DL 4330	Foundations and Methods of Second Language Acquisition	BIE/DL 4330 Prerequisite: Admission to Teacher Education Program	3

## Special Education

Item #	Course Title		Credits
<input type="checkbox"/> SPED 4320	Exceptionality in Today's Schools	SPED 4320 Prerequisite: Admission to Teacher Education Program	3