

2023-2024 Catalog

Pre-Dental Studies

Post-Baccalaureate Certificate

Academic Department

Health Professions Advising Center

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

Total Credits 57-59

Biology			
Item #	Course Title		Credits
<input type="checkbox"/> BIOL 1351	Introduction to Population Biology and Evolution	BIOL 1351 Corequisite: BIOL 1151	3
<input type="checkbox"/> BIOL 1151	Introduction to Biology Practicum	BIOL 1151 Corequisite: BIOL 1351	1
<input type="checkbox"/> BIOL 1352	Introduction to Cell and Molecular Biology	BIOL 1352 Corequisite: BIOL 1152	3
<input type="checkbox"/> BIOL 1152	Basic Lab Techniques in Biology	BIOL 1152 Corequisite: BIOL 1352	1
<input type="checkbox"/> BIOL 3321	Genetics	Prerequisites (with a grade of 'C' or better): BIOL 1351/1151, 1352/1152 and CHEM 1341/1141.	3
<input type="checkbox"/> BIOL 3333	Microbiology	BIOL Upper-Division Prerequisite (with a 'C' or better): BIOL 3321	3

Additional Biology		
Required only for Texas A&M College of Dentistry. Chose from one of the following lecture/lab combinations:		
Item #	Course Title	Credits
<input type="checkbox"/> Human Anatomy and Physiology I & II		
<input type="checkbox"/> Comparative Anatomy and Physiology		

Chemistry

Item #	Course Title		Credits
<input type="checkbox"/> CHEM 1341	General Chemistry I	CHEM 1341 Corequisite: CHEM 1141	3
<input type="checkbox"/> CHEM 1141	General Chemistry I Laboratory	CHEM 1141 Corequisite: CHEM 1341	1
<input type="checkbox"/> CHEM 1342	General Chemistry II	CHEM 1342 Prerequisite (C or better): CHEM 1341/1141. Corequisite: CHEM 1142	3
<input type="checkbox"/> CHEM 1142	General Chemistry II Laboratory	CHEM 1142 Corequisite: CHEM 1342	1
<input type="checkbox"/> CHEM 2343	Organic Chemistry I	CHEM 2343 Prerequisite: CHEM 1342/1142; Corequisite: CHEM 2143.	3
<input type="checkbox"/> CHEM 2143	Organic Chemistry I Laboratory	CHEM 2143 Corequisite: CHEM 2343	1
<input type="checkbox"/> CHEM 3333	Organic Chemistry II	CHEM 3333 Prerequisite: CHEM 2343/2143; Corequisite: CHEM 3133.	3
<input type="checkbox"/> CHEM 3133	Organic Chemistry II Laboratory	CHEM 3133 Corequisite: CHEM 3333	1

Biochemistry

Item #	Course Title		Credits
<input type="checkbox"/> (BIOL/CHEM 3334) Biochemistry			3

Physics

Choose one pair of courses:

Item #	Course Title		Credits
<input type="checkbox"/> General Physics I & II w/ lab			
<input type="checkbox"/> University Physics I & II w/ Labs			

Statistics

Choose from one of the following:

Item #	Course Title		Credits
<input type="checkbox"/> MATH 3450	Biostatistics I		4
<input type="checkbox"/> PSYC 3433	Foundations of Statistical Analysis		4
<input type="checkbox"/> MATH 3332	Elementary Statistical Methods for Economics & Business		3

English

Item #	Course Title	Credits
<input type="checkbox"/> ENGL 1341	The Classical Tradition: Literature & Composition I	3
<input type="checkbox"/> ENGL 1342	The Middle Ages & Renaissance: ENGL 1342 Prerequisite: ENGL Literature & Composition II 1341 or HNRS 1391	3