



2023-2024 Catalog

Pre-Veterinary

Track
Program
Health Professions

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

Total Credits 54-55

Biology			
Must take in Order			
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
<input type="checkbox"/> BIOL 3133	Microbiology Laboratory	BIOL Upper-Division Prerequisite (with a 'C' or better): BIOL 3321	1

Chemistry			
Must take in order:			
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

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

Mathematics

Choose one course:

Item #	Course Title	Credits
<input type="checkbox"/> MATH 3450	Biostatistics I	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: Literature & Composition II	3

ENGL 1342 Prerequisite: ENGL 1341 or HNRS 1391

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 #

Course 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)