



SMU PRE-HEALTH PROFESSIONS

Suggested Pre-Veterinary Medicine Plan

Note: Some science courses may be completed in summer terms.



Individual program requirements may change at any time, and this plan may not reflect the most current information. It is the student's responsibility to review, understand, follow, and remain up-to-date with the policies, guidelines, and requirements (including pre-requisite coursework) of each individual veterinary medicine program and the application service.

This plan could vary depending on the major chosen. Consult your academic advisor and check individual degree plans for suggested sequencing of courses. **Grades of "C" or better** are required to meet specific science (and math) pre-requisites for admission to veterinary school. Consult with your advisor before advancing to the next level course. Science pre-requisites include courses coded as biology, chemistry, physics, and math (including statistics).

1 st Year Fall				1 st Year Spring			
CHEM	1303	General Chemistry		CHEM	1304	General Chemistry	
CHEM	1113	General Chemistry Lab		CHEM	1114	General Chemistry Lab	
BIOL	1301	Introductory Biology		BIOL	1302	Introductory Biology	
BIOL	1101	Biology Lab		BIOL	1102	Biology Lab	
DISC	1312	Discernment and Discourse <i>(UC: 2016)</i>		DISC	1313	Discernment and Discourse <i>(UC: 2016)</i>	
WRTR	1312	Introduction to Academic Writing <i>(CC: 2020)</i>		WRTR	1313	Writing and Critical Reasoning <i>(CC: 2020)</i>	
MATH	1337	Calculus		STAT	2331	Statistics	

2 nd Year Fall				2 nd Year Spring			
CHEM	3371	Organic Chemistry		CHEM	3372	Organic Chemistry	
CHEM	3117	Organic Chem. Lab		CHEM	3118	Organic Chem. Lab	
BIOL	3304	Genetics		BIOL	3350	Cell Biology	

3 rd Year Fall				3 rd Year Spring			
BIOL	4310	Biochemistry	GRE →				
PHYS	1307	General Physics I		PHYS	1308	General Physics II	
PHYS	1105	Physics I Lab		PHYS	1106	Physics II Lab	
BIOL	3370	Microbiology					
BIOL	3170	Microbiology Lab					

Students can choose any major; however, *many of the pre-requisite courses for most veterinary programs fulfill the Biology, B.S. major at SMU. Additional recommended (or required) courses include Animal Nutrition, Animal Science, and Public Speaking. Animal Nutrition and Animal Science are not offered at SMU.* Behavioral science courses (psychology/sociology) are also recommended (and required) by some programs.

Students may complete PHYS 1303/1105 & PHYS 1304/1106 instead of PHYS 1307/1105 & PHYS 1308/1106. Note: MATH 1338 is a prerequisite (or co-requisite) for PHYS 1304. **Physics (and Biochemistry) can be moved to a later semester to better accommodate a student's schedule.**

Pre-veterinary students should plan to take the *GRE and submit their application no later than June of their junior year. The GRE is offered multiple times during the year. Meet with the Pre-Health Director for more information and visit: www.aavmc.org and <https://www.aavmc.org/assets/data-new/files/vmcas/prereqchart.pdf> to begin preparing for application to veterinary medicine school

Some programs may no longer require the GRE. Review program websites to confirm specific requirements.

Students are encouraged to create a list of potential veterinary medical programs and review the program-specific requirements. **It is the student's responsibility to understand the specific requirements for individual programs.** Most veterinary medicine programs strongly recommend or require veterinary experience. *Refer to individual programs for the required (or recommended) shadowing hours, documentation, and other animal or veterinary related experiences.*

Animal experience includes caring for and handling animals in a kennel or animal shelter. It also includes any other experience that was not under the direct supervision of a veterinarian. Documentation is required.

Veterinary experience includes hours spent working under the direct supervision of a veterinarian, whether in a paid or volunteer capacity in a clinical or research environment. Documentation is required.



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Resources:

<https://applytovetschool.org/>

<https://www.aavmc.org/becoming-a-veterinarian/what-to-know-before-you-apply/>

<https://www.avma.org/resources-tools/careers/veterinary-school-admission-101>

<https://myvetlife.avma.org/current-student/your-career>

To better understand the types of experiences required or recommended, use the link or QR code below:

https://help.liaisonedu.com/VMCAS_Applicant_Help_Center/Filling_Out_Your_VMCAS_Application/VMCAS_Supporting_Information/2_Experiences



To better understand the application timeline, use the link or QR code below:

https://help.liaisonedu.com/VMCAS_Applicant_Help_Center/Starting_Your_VMCAS_Application/Getting_Started_with_Your_VMCAS_Application/00_VMCAS_Quick_Start_Guide



To better understand the VMCAS (Veterinary Medical College Application Service) application, use the link or QR code below:

https://help.liaisonedu.com/VMCAS_Applicant_Help_Center/Filling_Out_Your_VMCAS_Application



Students applying to Texas veterinary medical programs will apply using **TMDSAS** (Texas Medical Dental School Application Service). Students applying to veterinary medical programs outside of Texas will apply using **VMCAS**.