

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).

1st Year Fall

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|------|------|--|--|------|------|--|
| CHEM | 1303 | General Chemistry | | CHEM | 1303 | 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 |

1st Year Spring
2nd Year Fall

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|------|------|-------------------|--|------|------|-------------------|
| 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 |

2nd Year Spring
3rd Year Fall

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|------|------|-------------------|-------|------|------|--------------------|
| 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 | | | | |

3rd Year Spring

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.

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.liasonedu.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.liasonedu.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.liasonedu.com/VMCAS_Applicant_Help_Center/Filling_Out_Your_VMCAS_Application



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