



How to use this document:

- These are the common prerequisites* for veterinary programs and for preparations to take the GRE or VCAT. Check individual programs for exact requirements.
- Take these classes (according to prerequisites). Work with a pre-health advisor to determine correct sequencing.
- This page demonstrates the prerequisites, you may choose to take two to four years – whatever amount of time fits best for your plan.
- Add major classes along with pre-veterinary prerequisites
- Pay close attention to sequences, prerequisites and when classes are offered
- Your major can be in any field as long as you have the classes to prepare you for a veterinary program – Choose your major by your greatest field of interest.

Course Subject and Title	Credits	Offered	Pre & Co Requisites
BIOL 1101/L General Biology I and Lab	4	F,S,Su	Must place into MATH 1108
BIOL 1102/L General Biology II and Lab	4	F,S	BIOL 1101/L
BIOL 2206/2207 Cell Biology and Lab	4	F,S	BIOL 1101/L, BIOL 1102/L, CHEM 1111/L PRE or CO-CHEM 1112/L
BIOL 3358 Genetics	3	F,S	BIOL 2206 or BIOL 2235
BIOL 4432 Biochemistry	3	F,S	BIOL 1101/L, CHEM 3301
CHEM 1111/L General Chemistry I and Lab	5	F,S	MATH 1143 or 1147 (recommended – CHEM 1101)
CHEM 1112/L General Chemistry II and Lab	4	F,S	CHEM 1111/L
CHEM 3301/3303 Organic Chemistry I and Lab	4	F	CHEM 1112/L
MATH 1143 College Algebra	3	F,S,Su	MATH 1108
MATH 1153 Statistical Reasoning	3	F,S,Su	MATH 1108
PHYS 1111/L General Physics I and Lab	4	F	MATH 1143 or 1147
PHYS 1112/L General Physics II and Lab	4	S	PHYS 1111/L

For Veterinary School Application

Register and take the GRE – receive GRE test scores 10-15 days after test date
Some schools take the MACT in place of the GRE – check requirements with the individual schools
Prior to the start of the Application Process – Research programs you wish to apply to
3-6 months prior to application – Begin drafting your personal essay and finding letter writers
VMCAS Application
At least 3 months prior to the deadline – Create your account or reapply using existing account; complete “Colleges Attended” and “Recommendations” sections
10-12 weeks prior to deadline – Ask your schools to send official transcripts directly to VMCAS; check in with recommenders to confirm they received request
6-8 weeks prior to deadline – Complete and submit your application; monitor your application for receipt of transcripts and letters of recommendation
4-6 weeks prior to deadline – Continue monitoring your application until your status is verified
After deadline – Download a copy of your application for your records
You must reach out to your programs to learn about school’s admissions decisions

*These prerequisites are based on WSU Veterinary School

What else do you need?

- Undergraduate degree
 - Major – complete all requirements for major
 - General Education Requirements
- Animal care experience
 - Job Shadowing
 - Working on a farm
 - Volunteering at an animal shelter
 - Experience can include 4-H animal projects, livestock farms, humane societies, zoos, kennel work, racetracks, etc.
 - Keep a journal of activities that includes dates, time spent, activity, who supervised, etc.
- Research
 - More important for some schools than others
 - Animal and veterinary research as well as other field or lab-based research
- Leadership
 - Can be in veterinary settings or non-veterinary settings, students are encouraged to be creative
 - Shows that you are a strong member of a team
 - Showing leadership will make you stand out from other applicants and show you are actively preparing for your future in your career and community
- Shadowing Veterinarians
 - Gain veterinary clinical experience under the direct supervision of a veterinarian
 - Use your own networking and connections, both personal and professional
- Letters of Recommendation
 - May or may not be required based on the school or college
 - Possible letters from a science professor, and from a veterinarian
 - Consult with your pre-health advisor to determine letters of recommendation
- Attributes
 - Compassion
 - Decisiveness
 - Interpersonal Skills
 - Manual Dexterity
 - Management Skills

Helpful links:

AAVMC: <https://www.aavmc.org/>

AVMA: <https://www.avma.org/>

VMCAS Applicant Help Center: https://help.liasionedu.com/VMCAS_Applicant_Help_Center

VMSAR: <https://applytovetschool.org/>

GRE: <https://www.ets.org/gre/>

Pre-Health at ISU – isu.edu/hpac