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.

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

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.liaisonedu.com/VMCAS_Applicant_Help_Center
VMSAR: https://applytovetschool.org/
GRE: https://www.ets.org/gre/
Pre-Health at ISU – isu.edu/hpac