UNIVERSITY OF WYOMING
Animal and Veterinary Science (ANVS)
Pre-Veterinary Medicine Option

Total Credit Hour requirement: **128 minimum**
Upper-Division Hour requirement: **42 minimum**

Name: ____________________________________________________  W#: ______________________

<table>
<thead>
<tr>
<th>University Studies Program (not met as part of degree reqts)</th>
<th>* C or better required</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>USP</strong></td>
<td><strong>Course #</strong></td>
</tr>
<tr>
<td>FYS</td>
<td></td>
</tr>
<tr>
<td>C1</td>
<td></td>
</tr>
<tr>
<td>C2</td>
<td></td>
</tr>
<tr>
<td>H</td>
<td></td>
</tr>
<tr>
<td>V</td>
<td></td>
</tr>
</tbody>
</table>

- Must be completed with C or better within the first year at UW. May be waived with 30 or more credits of post-high school credit (transfer).
- Typically ENGL 1010, but may be met with Honors and other courses.
- PreReq: Completion of C1.
- AGEC 1020 recommended.
- Check degree evaluation for eligibility for Challenge Exam (POLS 1000 by exam)

<table>
<thead>
<tr>
<th>Major in Animal and Veterinary Science</th>
<th>* C or better required</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>USP</strong></td>
<td><strong>Course #</strong></td>
</tr>
<tr>
<td>ANSC 3010</td>
<td></td>
</tr>
<tr>
<td>ANSC 3100</td>
<td></td>
</tr>
<tr>
<td>C3</td>
<td>ANSC 4630</td>
</tr>
<tr>
<td>PN</td>
<td>LIFE 1010</td>
</tr>
<tr>
<td>PN</td>
<td>LIFE 2022</td>
</tr>
<tr>
<td>Q</td>
<td>MATH 1400</td>
</tr>
<tr>
<td>Q</td>
<td>STAT 2050</td>
</tr>
</tbody>
</table>

- PreReq: LIFE 2022 with C or better
- PreReq: ANSC 2010 or CHEM 2300
- PreReq: SR standing and C2.
- PreReq: MATH ACT ≥ 21 or MPE ≥ 2
- PreReq: MATH 1010 with C or better
- PreReq: MATH 1400 with C or better, or MATH ACT ≥ 26 or MPE ≥ 3; MATH 1450 may replace MATH 1400 & 1405. Waived with MATH ACT ≥ 26 or MPE ≥ 3.
- PreReq: MATH 1400 with C or better, or MATH ACT ≥ 26 or MPE ≥ 4
# Concentration in Pre-Veterinary Medicine

* C or better required

<table>
<thead>
<tr>
<th>USP Course #</th>
<th>Title</th>
<th>Cr</th>
<th>Sem/Yr</th>
<th>Grade</th>
</tr>
</thead>
</table>

**Advanced Production Elective: Choose 1 of ANSC 3150, 4220, or 4230.**

- □ ANSC 3150 Equine Nutrition and Physiology 3
  - PreReq: 4 hrs life science

- □ ANSC 4220 Adv Beef Production and Mgt 3
  - PreReq: ANSC 3100, 4120, and 4540

- □ ANSC 4230 Adv Sheep Production and Mgt 3
  - PreReq: ANSC 3100, 4120, and 4540

- □ ANSC 4120 Prin Mammalian Reproduction 3 *
  - PreReq: course in systemic anatomy and physiology/endocrinology

- □ PN CHEM 1020 General Chemistry I 4
  - PreReq: MATH 1400 or MATH ACT ≥ 23 or MPE ≥ 3

- □ PN CHEM 1030 General Chemistry II 4
  - PreReq: CHEM 1020

- □ CHEM 2420 Organic Chemistry I 4
  - PreReq: CHEM 1030

- □ CHEM 2440 Organic Chemistry II 4
  - PreReq: CHEM 1030 and 2420

- □ LIFE 3050 Genetics 4
  - PreReq: LIFE 2022 with C or better

- □ Q MATH 1405 Trigonometry 3
  - PreReq: MATH 1400 with C or better, or MATH ACT ≥ 25, or MPE ≥ 3. MATH 1450 may replace MATH 1400 & 1405.

- □ MICR 2021 General Microbiology 4
  - PreReq: LIFE 1010 with C or better, and CHEM 1000 or 1020.

- □ PATB 2220 Pathogenic Microbiology 4
  - PreReq: MICR 2021

- □ MOLB 3610 Prin of Biochemistry 3
  - PreReq: CHEM 1000 or 1020

- □ PATB 4110 Diseases of Food Animals 3 *
  - PreReq: Junior standing and 4 hours life science

- □ MOLB 4400 Immunology 4
  - PreReq: PATB 2220

- □ PATB 4500 Veterinary Parasitology 3
  - PreReq: LIFE 1010 with C or better

- □ PATB 4710 Medical Virology 3
  - PreReq: MICR 2240

- □ PN PHYS 1110 General Physics I 4
  - PreReq: MATH 1405 or 1450

- □ PN PHYS 1120 General Physics II 4
  - PreReq: PHYS 1110

**Free Electives (to 128 total and/or 42 upper-division credit hours)**

- □

- □