

ANIMAL SCIENCE CURRICULUM
2007-2009 Specialized Option
Pre-Veterinary Medicine
4-year plan

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <p>Fall Semester</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <tr><td style="border-top: 1px solid black;">AnS</td><td style="border-top: 1px solid black;">110</td><td style="border-top: 1px solid black;">R</td><td style="border-top: 1px solid black;"></td></tr> <tr><td>AnS</td><td>101</td><td>2</td><td></td></tr> <tr><td>* Biol</td><td>211, 211L</td><td>4</td><td></td></tr> <tr><td>* Engl</td><td>150</td><td>3</td><td></td></tr> <tr><td>Lib</td><td>160</td><td>0.5</td><td></td></tr> <tr><td>Math</td><td>150</td><td>3</td><td></td></tr> <tr><td>* Soc Sci</td><td>elective</td><td>3</td><td></td></tr> <tr><td></td><td></td><td style="border-top: 1px solid black;">15.5</td><td></td></tr> </table> | AnS | 110 | R | | AnS | 101 | 2 | | * Biol | 211, 211L | 4 | | * Engl | 150 | 3 | | Lib | 160 | 0.5 | | Math | 150 | 3 | | * Soc Sci | elective | 3 | | | | 15.5 | | <p>Spring Semester</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <tr><td style="border-top: 1px solid black;">AnS</td><td style="border-top: 1px solid black;">114</td><td style="border-top: 1px solid black;"></td><td style="border-top: 1px solid black;">2</td></tr> <tr><td>* Chem</td><td>177 & 177L</td><td></td><td>5</td></tr> <tr><td>* Humanities</td><td>elect</td><td></td><td>3</td></tr> <tr><td>* Sp Cm</td><td>212</td><td></td><td>3</td></tr> <tr><td>Stat</td><td>104</td><td></td><td style="border-top: 1px solid black;">3</td></tr> <tr><td></td><td></td><td></td><td style="border-top: 1px solid black;">16</td></tr> </table> | AnS | 114 | | 2 | * Chem | 177 & 177L | | 5 | * Humanities | elect | | 3 | * Sp Cm | 212 | | 3 | Stat | 104 | | 3 | | | | 16 |
| AnS | 110 | R | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AnS | 101 | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| * Biol | 211, 211L | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| * Engl | 150 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lib | 160 | 0.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Math | 150 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| * Soc Sci | elective | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 15.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AnS | 114 | | 2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| * Chem | 177 & 177L | | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| * Humanities | elect | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| * Sp Cm | 212 | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Stat | 104 | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <p>Fall Semester</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <tr><td style="border-top: 1px solid black;">AnS</td><td style="border-top: 1px solid black;">211</td><td style="border-top: 1px solid black;">1</td><td style="border-top: 1px solid black;"></td></tr> <tr><td>AnS</td><td>200 elective list</td><td>3</td><td></td></tr> <tr><td>* Biol</td><td>212, 212L</td><td>4</td><td></td></tr> <tr><td>* US diversity</td><td>elective list</td><td>3</td><td></td></tr> <tr><td>* Chem</td><td>178</td><td>3</td><td></td></tr> <tr><td>* Engl</td><td>250</td><td>3</td><td></td></tr> <tr><td></td><td></td><td style="border-top: 1px solid black;">17</td><td></td></tr> </table> | AnS | 211 | 1 | | AnS | 200 elective list | 3 | | * Biol | 212, 212L | 4 | | * US diversity | elective list | 3 | | * Chem | 178 | 3 | | * Engl | 250 | 3 | | | | 17 | | <p>Spring Semester</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <tr><td style="border-top: 1px solid black;">* AnS</td><td style="border-top: 1px solid black;">214, 214L</td><td style="border-top: 1px solid black;"></td><td style="border-top: 1px solid black;">4</td></tr> <tr><td>AnS</td><td>200 elective list</td><td></td><td>3</td></tr> <tr><td>AnS</td><td>200 elective list</td><td></td><td>3</td></tr> <tr><td>* Chem</td><td>331, 331L</td><td></td><td>4</td></tr> <tr><td>ComS</td><td>103</td><td></td><td style="border-top: 1px solid black;">4</td></tr> <tr><td></td><td></td><td></td><td style="border-top: 1px solid black;">18</td></tr> </table> | * AnS | 214, 214L | | 4 | AnS | 200 elective list | | 3 | AnS | 200 elective list | | 3 | * Chem | 331, 331L | | 4 | ComS | 103 | | 4 | | | | 18 | | | | |
| AnS | 211 | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AnS | 200 elective list | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| * Biol | 212, 212L | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| * US diversity | elective list | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| * Chem | 178 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| * Engl | 250 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| * AnS | 214, 214L | | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AnS | 200 elective list | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AnS | 200 elective list | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| * Chem | 331, 331L | | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ComS | 103 | | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | 18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <p>Fall Semester</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <tr><td style="border-top: 1px solid black;">AnS</td><td style="border-top: 1px solid black;">331</td><td style="border-top: 1px solid black;">3</td><td style="border-top: 1px solid black;"></td></tr> <tr><td>* BBMB</td><td>301</td><td>3</td><td></td></tr> <tr><td>* Biol/Gen</td><td>313/320</td><td>3</td><td></td></tr> <tr><td>* Chem</td><td>332</td><td>3</td><td></td></tr> <tr><td>* Phys</td><td>111</td><td>4</td><td></td></tr> <tr><td></td><td></td><td style="border-top: 1px solid black;">16</td><td></td></tr> </table> | AnS | 331 | 3 | | * BBMB | 301 | 3 | | * Biol/Gen | 313/320 | 3 | | * Chem | 332 | 3 | | * Phys | 111 | 4 | | | | 16 | | <p>Spring Semester</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <tr><td style="border-top: 1px solid black;">AnS</td><td style="border-top: 1px solid black;">311</td><td style="border-top: 1px solid black;"></td><td style="border-top: 1px solid black;">1</td></tr> <tr><td>AnS</td><td>319</td><td></td><td>3</td></tr> <tr><td>AnS</td><td>352</td><td></td><td>3</td></tr> <tr><td>AnS</td><td>300 elective list</td><td></td><td>3</td></tr> <tr><td>Business</td><td>elective list</td><td></td><td>3</td></tr> <tr><td>Micro</td><td>201, 201L</td><td></td><td style="border-top: 1px solid black;">3</td></tr> <tr><td></td><td></td><td></td><td style="border-top: 1px solid black;">16</td></tr> </table> | AnS | 311 | | 1 | AnS | 319 | | 3 | AnS | 352 | | 3 | AnS | 300 elective list | | 3 | Business | elective list | | 3 | Micro | 201, 201L | | 3 | | | | 16 | | | | |
| AnS | 331 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| * BBMB | 301 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| * Biol/Gen | 313/320 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| * Chem | 332 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| * Phys | 111 | 4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| AnS | 311 | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AnS | 319 | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AnS | 352 | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AnS | 300 elective list | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Business | elective list | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Micro | 201, 201L | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| <p>Fall Semester</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <tr><td style="border-top: 1px solid black;">AnS</td><td style="border-top: 1px solid black;">400 elective list</td><td style="border-top: 1px solid black;">3</td><td style="border-top: 1px solid black;"></td></tr> <tr><td>Engl</td><td>302 or 314</td><td>3</td><td></td></tr> <tr><td>Ethics</td><td>elective list</td><td>3</td><td></td></tr> <tr><td>Free elective</td><td></td><td>3</td><td></td></tr> <tr><td>Free elective</td><td></td><td>3</td><td></td></tr> <tr><td></td><td></td><td style="border-top: 1px solid black;">15</td><td></td></tr> </table> | AnS | 400 elective list | 3 | | Engl | 302 or 314 | 3 | | Ethics | elective list | 3 | | Free elective | | 3 | | Free elective | | 3 | | | | 15 | | <p>Spring Semester</p> <table border="0" style="width: 100%; border-collapse: collapse;"> <tr><td style="border-top: 1px solid black;">AnS</td><td style="border-top: 1px solid black;">411</td><td style="border-top: 1px solid black;"></td><td style="border-top: 1px solid black;">1</td></tr> <tr><td>AnS</td><td>400 elective list</td><td></td><td>3</td></tr> <tr><td>Int'l perspective</td><td>elective list</td><td></td><td>3</td></tr> <tr><td>Free elective</td><td></td><td></td><td>3</td></tr> <tr><td>Free elective</td><td></td><td></td><td>3</td></tr> <tr><td>Free elective</td><td></td><td></td><td style="border-top: 1px solid black;">3</td></tr> <tr><td></td><td></td><td></td><td style="border-top: 1px solid black;">16</td></tr> </table> | AnS | 411 | | 1 | AnS | 400 elective list | | 3 | Int'l perspective | elective list | | 3 | Free elective | | | 3 | Free elective | | | 3 | Free elective | | | 3 | | | | 16 | | | | |
| AnS | 400 elective list | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Engl | 302 or 314 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ethics | elective list | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Free elective | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Free elective | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| AnS | 411 | | 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AnS | 400 elective list | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Int'l perspective | elective list | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Free elective | | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Free elective | | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Free elective | | | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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Important Note: This is only one of many equally-sound schedule sequences.

* Credits currently required for application to Veterinary Medicine program at ISU (60)
http://www.vetmed.iastate.edu/students/services/admissions/academic_requirements.asp

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|--------------------------------|--------------------------|-------------------------------|
| English Composition (6) | Biochemistry (3) | Mammalian Anatomy and/or |
| Oral Communication (3) | Gen Physics with lab (4) | Physiology (3) |
| General Chemistry with lab (7) | Gen Biology with lab (8) | Humanities and/or Soc Sci (8) |
| Organic Chemistry with lab (7) | Genetics (3) | Other Electives (8) |