General Requirements for Students Matriculating in Academic Year: 2008-2009

Bachelor of Science in Agricultural Sciences and Natural Resources

Major __ Biochemistry and Molecular Biology __

Option __ Premedical or Preveterinary Science __

Minimum Overall Grade-Point Average: 2.00  Total Hours 120

Other GPA requirements, see below.

General Education Requirements 39 Hours

<table>
<thead>
<tr>
<th>Area</th>
<th>Hours</th>
<th>To Be Selected From</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Composition and Oral Communication</td>
<td>6</td>
<td>ENGL 1113 or 1313; 1213 or 1413 (See Academic Regulation 3.5 in Catalog.)</td>
</tr>
<tr>
<td>American History and Government</td>
<td>6</td>
<td>HIST 1103; POLS 1113</td>
</tr>
<tr>
<td>Analytical and Quantitative Thought (A)</td>
<td>7</td>
<td>MATH 2144* and 2153*</td>
</tr>
<tr>
<td>Humanities (H)</td>
<td>6</td>
<td>Any course designated (H); must include one lower-division course.</td>
</tr>
<tr>
<td>Natural Sciences (N)</td>
<td>8</td>
<td>CHEM 1314; PHYS 1114* (or 2014*)</td>
</tr>
<tr>
<td>Social and Behavioral Sciences (S)</td>
<td>6</td>
<td>AGEC 1114* and any course designated (S).</td>
</tr>
<tr>
<td>Diversity (D)</td>
<td>--</td>
<td>Any course designated (D).</td>
</tr>
<tr>
<td>International Dimension (I)</td>
<td>--</td>
<td>Any course designated (I).</td>
</tr>
<tr>
<td>Scientific Investigation (L)</td>
<td>--</td>
<td>Any course designated (L).</td>
</tr>
</tbody>
</table>

* College and Departmental Requirements that may be used to meet General Education requirements.

College/Departmental Requirements 33 Hours

<table>
<thead>
<tr>
<th>Agricultural Courses</th>
<th>5</th>
<th>AG 1011 and two courses from the following: Animal Science, Plant Science, and Soil Science (If courses used under major requirement, hours in this area are 1.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Additional Requirements</td>
<td>28</td>
<td>BIOL 1114; CHEM 1515; ENGL 3323; MICR 2123 and MICR 2132; PHYS 1214 (or 2114); SPCH 2713; ZOOL 1604 (or BOT 1404)</td>
</tr>
</tbody>
</table>

Major Requirements 40 Hours

Core Courses 14 Hours

Required for Options 1 & 2

- BIOC 3653, 3723
- CHEM 3053, 3112, 3153

Choose Option 1 or Option 2

Option 1:

With the approval of the adviser, department head, and dean, hours of basic sciences from an accredited dental, medical, optometry, osteopathic, pharmacy, podiatry, or veterinary medical school to total 40 hours.

Option 2:

- BIOC 4113
- BIOL 3023 (or ANSI 3423 or PLNT 3554)

At least one course chosen from: BOT 3463, ENTO 3043, ZOOL 3204, 4215

Hours from the following (or related courses with advisor’s approval) to total 40 hours

- ANSI 3543 (Required for Prevet Students)
- BIOC 1990*, 2101, 4224 (or CHEM 3433), 4990*, 5753, 5853
- BIOL 3034
- BOT 3462
- CHEM 2113, 2122, 3353, 3532, 3553, 4020 (1-5 hours), 4320 (1-3 hours)
- MATH 2163, 2233, 3013, 3263
- MICR 3154, 3223, 3253, 3143, 4012, 4112, 4123, 4133, 4134, 4203, 4214, 4233, 4253, 4263, 4232, 4353, 4423
- NSCI 4323
- PHYS 4313
- STAT 4013
- ZOOL 2104, 3114, 4103, 4134, 4215, 4222, 4231, 4243, 4273, 4283, 4303, 4503

*Note: Total from BIOC 1990 and 4990 may not exceed 10 hours.

Electives 8 Hours

Hours to complete required total.

Other Requirements:

- A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation (date of first enrollment) and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.

Dean

Department Head