Pre-Veterinary Medicine

Auburn’s Pre-Veterinary Curriculum

Hours

UK Written Communication requirement* ............................................................. 6-7
Literature (e.g. ENG 334)** .................................................................................. 3 or 6
Fine Arts (e.g. MUS 100)** .................................................................................. 3
Humanities/Fine Arts electives** ...................................................................... 6
History (e.g. HIS 108/109)** .................................................................................. 3 or 6
Social sciences electives** ..................................................................................... 9
MA 123 Elementary Calculus and Its Applications or
MA 113 Calculus I ................................................................................................. 4
The above courses are waived for students with a B.S. or B.A. degree.

BIO 148 (or 150)/152 Principles of Biology I and II ........................................ 6
BIO 151/153 Principles of Biology Laboratory I and II*** .............................. 4
CHE 105 General College Chemistry I ............................................................. 4
CHE 107 General College Chemistry II .............................................................. 4
CHE 111 Laboratory to Accompany General Chemistry I ............................... 1
CHE 113 Laboratory to Accompany General Chemistry II ............................ 2
CHE 230 Organic Chemistry I .......................................................................... 3
CHE 231 Organic Chemistry Laboratory I ......................................................... 1
CHE 232 Organic Chemistry Laboratory II ......................................................... 1
CHE 233 Organic Chemistry Laboratory II ......................................................... 1
PHY 211 General Physics .................................................................................... 4
PHY 213 General Physics .................................................................................... 4
BCH 401G Fundamentals of Biochemistry ...................................................... 3
ASC 378 Animal Nutrition and Feeding ............................................................. 4
or
ASC 380 Feeds and Feeding ............................................................................... 3
Science Electives*** ............................................................................................. 6

*HON 101/102 can be used.

**Students should contact a UK pre-veterinary advisor regarding alternative courses.

***Check with pre-veterinary advisor for alternative courses.

****Science electives must be two of the following courses: BIO 304, BIO 350 or ASC 325, BIO 308, BIO 315, BIO 542, ASC 364, BIO 561 or BIO 563, BIO 529, Comparative Anatomy (not taught at UK).

Auburn strongly urges students to take organic chemistry and physics courses at a four-year college or university.
Tuskegee’s Pre-Veterinary Curriculum

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organic Chemistry w/Lab</td>
<td>4</td>
</tr>
<tr>
<td>Biochemistry w/Lab</td>
<td>4</td>
</tr>
<tr>
<td>Physics w/Lab</td>
<td>8</td>
</tr>
<tr>
<td>Advanced Biology (300 level or above)</td>
<td>9</td>
</tr>
<tr>
<td>Animal Science†</td>
<td>9</td>
</tr>
<tr>
<td>Mathematics</td>
<td>6</td>
</tr>
<tr>
<td>English</td>
<td>6</td>
</tr>
<tr>
<td>Social Sciences</td>
<td>6</td>
</tr>
<tr>
<td>Liberal Arts</td>
<td>6</td>
</tr>
<tr>
<td>Elective</td>
<td>8</td>
</tr>
</tbody>
</table>

†Applicants who do not include animal science and nutrition courses in their pre-professional studies may be admitted at the discretion of the Committee on Veterinary Admissions if they have fulfilled all other requirements. However, these courses must be completed prior to attaining third-year status in the School of Veterinary Medicine.

Please be advised of Tuskegee’s time limitation of six (6) years for all pre-veterinary courses. The student has the responsibility to work closely with his or her pre-veterinary advisor in making certain that all requirements are met for consideration for acceptance.

All pre-veterinary students who enter veterinary school without obtaining an Animal Science degree and petition UK for one later must fulfill the departmental requirements for an Animal Science degree. In order to be eligible for the B.S. in Animal Sciences, students must have completed all UK Core courses, all college requirements and all of the required core courses and production courses required in the Animal Sciences degree program.

Direct further inquiries to:

Roberta M. Dwyer, DVM  
MS Department of Veterinary Science  
Gluck Equine Research Center  
College of Agriculture  
University of Kentucky  
Lexington, KY 40546-0099  
(859) 218-1122  
e-mail: rmdwyer@uky.edu  
www.ca.uky.edu/gluck/index.htm