

# Major in Animal Science – B.S.A. Emphasis in Pre-veterinary

<b>University Requirements:</b>		
See University General Requirements for Baccalaureate degrees (p. 40)		<input type="checkbox"/>
<b>First Year Making Connections Course:</b>	<b>Sem. Hrs.</b>	
AGRI 1213, Making Connections in Agriculture	3	<input type="checkbox"/>
<b>General Education Requirements:</b>	<b>Sem. Hrs.</b>	
See General Education Curriculum for Baccalaureate degrees (p. 83)	35	<input type="checkbox"/>
<p><b>Students with this major must take the following:</b></p> <p><i>MATH 1023, College Algebra or MATH course that requires MATH 1023 as a prerequisite</i></p> <p><i>CHEM 1013 <b>AND</b> 1011, General Chemistry I and Laboratory</i></p> <p><i>ECON 2313, Principles of Macroeconomics <b>OR</b></i></p> <p><i>ECON 2333, Economic issues and Concepts</i></p> <p><i>COMS 1203, Oral Communication (Required Departmental Gen. Ed. Option)</i></p>		
<b>Agriculture Core Courses:</b>	<b>Sem. Hrs.</b>	
(See Beginning of Agriculture Section)	15	<input type="checkbox"/>
<b>Major Requirements:</b>	<b>Sem. Hrs.</b>	
AGRI 2213, Genetic Improvement of Plants and Animals <b>OR</b> BIO 3013, Genetics	3	<input type="checkbox"/>
ANSC 1621, Introduction to Animal Science Laboratory	1	<input type="checkbox"/>
ANSC 3613, Nutritional Management of Domestic Animals	3	<input type="checkbox"/>
ANSC 3633, Veterinary Anatomy and Physiology	3	<input type="checkbox"/>
BIO 2103 <b>AND</b> 2101, Microbiology for Nursing and Allied Health and Laboratory <b>OR</b> BIO 4104, Microbiology	4	<input type="checkbox"/>
CHEM 1023 <b>AND</b> 1021, General Chemistry II and Laboratory	4	<input type="checkbox"/>
Animal Science (ANSC) Upper-level Electives	9	<input type="checkbox"/>
<b>Sub-total</b>	<b>27</b>	<input type="checkbox"/>

<b>Emphasis Area (Pre-veterinary):</b>	<b>Sem. Hrs.</b>	
ANSC 4673, Digestive Physiology and Nutrition of Animals	3	<input type="checkbox"/>
ANSC 4683, Reproductive Physiology	3	<input type="checkbox"/>
CHEM 3103 <b>AND</b> 3101, Organic Chemistry I and Laboratory	4	<input type="checkbox"/>
CHEM 3113 <b>AND</b> 3111, Organic Chemistry II and Laboratory	4	<input type="checkbox"/>
CHEM 4243, Biochemistry	3	<input type="checkbox"/>
MATH 1033, Plane Trigonometry <b>OR</b> MATH 1054, Precalculus	3-4	<input type="checkbox"/>
PHYS 2054, General Physics I	4	<input type="checkbox"/>
PHYS 2064, General Physics II	4	<input type="checkbox"/>
<b>Sub-total</b>	<b>28-29</b>	<input type="checkbox"/>
<b>Electives:</b>	<b>Sem. Hrs.</b>	
Electives	<b>11-12</b>	<input type="checkbox"/>
<b>Total Required Hours:</b>	<b>120</b>	