



FLORIDA AGRICULTURAL AND MECHANICAL UNIVERSITY

## Animal Science Industry Option Program Requirements

(A Major in the B.S. Degree in Agricultural Sciences)

### FRESHMAN YEAR (30 Credits)

<b>ENC 1101</b> Freshman Comm. Skills I	3	<b>ENC 1102</b> Freshman Comm. Skills II	3
<b>AGG 2004</b> Intro. to Agric. Sciences	1	<b>African American History</b> (AMH 2091, AFA 3104, or AFA 2000)	3
<b>BSC 1010</b> General Biology I	3	<b>BSC 1011</b> General Biology II	2
<b>BSC 1010L</b> General Biology I Lab	1	<b>BSC 1011L</b> General Biology II Lab	2
<b>MAC 1105</b> College Algebra	3	<b>Humanities Gen. Ed. Core Requirement</b>	3
<b>ANS 3006</b> Intro to Animal Science	3	<b>Civics Requirement</b> (AMH 2010, AMH 2020, or POS 2041)	3
<b>Total</b>	<b>14</b>	<b>Total</b>	<b>16</b>

### SOPHOMORE YEAR (31 Credits)

<b>CHM 1045</b> General Chemistry I	3	<b>CHM 1046</b> General Chemistry II	3
<b>CHM 1045L</b> General Chem. I Lab	1	<b>CHM 1046L</b> General Chem. II Lab	1
<b>Humanities Gen. Ed. Requirement</b>	3	<b>STA 2023</b> Intro. to Probability & Statistics I	3
<b>AGG 2050</b> Intro to Biotechnology	2	<b>ATE 2111</b> Animal Anatomy II	3
<b>ECO 2013</b> Principles of Economics	3	<b>AGR 3232</b> Pasture and Range Management	3
<b>ATE 2110</b> Animal Anatomy I	3	<b>ECO 2023</b> Principles of Economics II	3
<b>Total</b>	<b>15</b>	<b>Total</b>	<b>16</b>

### JUNIOR YEAR (30 Credits)

<b>ANS 3244</b> Beef Cattle Production	3	<b>ANS 3273</b> Small Ruminant Management	3
<b>ANS 3311C</b> Reproduction of Farm Animals	3	<b>Restricted Elective 2</b>	3
<b>ANS 3384</b> Genetics of Domestic Animals	3	<b>AEB Elective</b>	3
<b>AEB 2104</b> Economics of Agriculture	3	<b>Restricted Elective 3</b>	3
<b>Restricted Elective 1</b>	3	<b>Free Elective</b>	3
<b>Total</b>	<b>15</b>	<b>Total</b>	<b>15</b>

### SENIOR YEAR (29 Credits)

<b>ANS 4931</b> Animal Science Seminar	1	<b>ANS 4445</b> Animal Nutrition	4
<b>VME 4117</b> Animal Sanitation and Disease	3	<b>ANS 4291C</b> Incubation and Brooding	3
<b>AEB Elective</b> (3000 level or higher)	3	<b>ANS 3614</b> Meats	3
<b>ATE 3945</b> Herd Health and Management	3	<b>ANS 3264</b> Swine Science	3
<b>ANS 3463C</b> Feeds and Feeding	3	<b>ANS 4932</b> Sp. Problems in Animal Science	3
<b>Total</b>	<b>13</b>	<b>Total</b>	<b>16</b>

Total Completed Hours 120

Effective Fall 2019

\*Electives are selected after consultation with advisor and the restricted electives must be approved by the advisor.