

**Bachelor of Science in Agricultural Biotechnology**  
**4-Year Plan**  
**Effective Fall 2014**



<p><u>Fall First Year</u></p> <p>ABT 101 Introduction to Biotechnology 1</p> <p>CHE 105 General Chemistry I 4</p> <p>CHE 111 General Chemistry Lab I 1</p> <p>CIS/WRD 110 Composition &amp; Communication I 3</p> <p>GEN 100 Current Issues in Ag, Food &amp; Env 3</p> <p>MA 113 Calculus I <b>OR</b></p> <p>MA 123 Elementary Calculus <b>OR</b></p> <p>MA 137 Calculus I w/Life Science Apps 4</p> <p style="text-align: right;">16</p>	<p><u>Spring First Year</u></p> <p>ABT 120 Genetics &amp; Society 3</p> <p>BIO 148 Introductory Biology I 3</p> <p>BIO 155 Lab for Intro Biology I 1</p> <p>CHE 107 General College Chemistry II 3</p> <p>CHE 113 General College Chemistry II Lab 2</p> <p>CIS/WRD 111 Composition &amp; Communication II 3</p> <p style="text-align: right;">15</p>
<p><u>Fall Second Year</u></p> <p>ABT 201* Scientific Method in ABT 1</p> <p>BIO 152 Principles of Biology II 3</p> <p>CHE 230 Organic Chemistry I 3</p> <p>CHE 231 Organic Chemistry Lab I 1</p> <p>UK Core Arts &amp; Creativity 3</p> <p>UK Core Electives 6</p> <p style="text-align: right;">17</p>	<p><u>Spring Second Year</u></p> <p>CHE 232 Organic Chemistry II 3</p> <p>CHE 233 Organic Chemistry II Lab 1</p> <p>STA 296 Stats Methods &amp; Motivations <b>OR</b></p> <p>BST 330 Stats Thinking for Pop Health 3</p> <p>UK Core Social Science 3</p> <p>UK Core Humanities 3</p> <p>UK Core Elective 3</p> <p style="text-align: right;">16</p>
<p><u>Fall Third Year</u></p> <p>ABT 301 Writing &amp; Presentation in Life Sciences 2</p> <p>ABT 360 Genetics <b>OR</b></p> <p>BIO 304 Principles of Genetics 3-4</p> <p>PHY 211 General Physics I 5</p> <p>UK Core Global Dynamics 3</p> <p style="text-align: right;">16-17</p>	<p><u>Spring Third Year</u></p> <p>BCH 401G Fundamentals of Biochemistry 3</p> <p>BIO 308 General Microbiology 3</p> <p>BIO 309 General Microbiology Lab 2</p> <p>PHY 213 General Physics II 5</p> <p>Specialty Support 3</p> <p style="text-align: right;">16</p>
<p><u>Fall Fourth Year</u></p> <p>ABT 495 Experimental Methods in ABT <b>OR</b></p> <p>BIO 510 Recombinant DNA Tech Lab 4</p> <p>ABT 395 Ind Study in ABT <b>OR</b></p> <p>ABT 399 Exp Learning in ABT 3</p> <p>Specialty Support 6</p> <p style="text-align: right;">16</p>	<p><u>Spring Fourth Year</u></p> <p>ABT 460 Intro to Molecular Genetics 3</p> <p>ABT 461 Intro to Population Genetics 3</p> <p>Specialty Support 10</p> <p style="text-align: right;">16</p> <p style="text-align: right;">Total Credits 128</p>

\*Students must complete CIS/WRD 110 and CIS/WRD 111 and have earned 30 hours before taking ABT 201.