

**Bachelor of Science in Food Science
4-Year Plan
Effective Fall 2015**



<p><u>Fall First Year</u></p> <p>CHE 105 General Chemistry I 4 CHE 111 General Chemistry Lab I 1 CIS/WRD 110 Composition & Communication I 3 GEN 100 Current Issues in Ag., Food & Env 3 MA 137 Calculus I w/Life Science Apps OR MA 123 Elementary Calculus OR MA 113 Calculus I <u>4</u> 15</p>	<p><u>Spring First Year</u></p> <p>BIO 148 Introductory Biology I 3 CHE 107 General College Chemistry II 3 CHE 113 General College Chemistry II Lab 2 CIS/WRD 111 Composition & Communication II 3 FSC 107 Introduction to Food Science 3 UK Core Arts & Creativity <u>3</u> 17</p>
<p><u>Fall Second Year</u></p> <p>BIO 152 Principles of Biology II 3 CHE 230 Organic Chemistry I OR CHE 236 Survey of Organic 3 ECO 201 Principles of Economics I 3 WRD 203 Business Writing* 3 DHN 212 Introductory Nutrition <u>3</u> 15</p>	<p><u>Spring Second Year</u></p> <p>BIO 208 Principles of Microbiology OR BIO 308 General Microbiology 3 BIO 209 Intro to Microbiology Lab OR BIO 309 Intermediate Microbiology Lab 2 STA 296 Statistical Methods & Motivation 3 PHY 211 General Physics I 5 UK Core Humanities <u>3</u> 16</p>
<p><u>Fall Third Year</u></p> <p>AEN 340 Principles of Food Engineering 4 BCH 401G Fundamentals of Biochemistry 3 FSC 306 Introduction to Food Processing 4 Specialty Support *** <u>3-4</u> 14-15</p>	<p><u>Spring Third Year</u></p> <p>FSC 434G Food Chemistry 4 FSC Course Additional FSC Course** 3-4 Specialty Support*** 3 UK Core Social Sciences 3 UK Core Global Dynamics <u>3</u> 16-17</p>
<p><u>Fall Fourth Year</u></p> <p>FSC 395 Special Problems in FSC OR FSC 399 Experiential Learning in FSC OR EXP 396 Experiential Learning 3 FSC 530 Food Microbiology 5 FSC 535 Food Analysis 4 FSC Course Additional FSC Course** <u>3-4</u> 15-16</p>	<p><u>Spring Fourth Year</u></p> <p>FSC 536 Advanced Food Technology 4 FSC Course Additional FSC Course** 3-4 Electives <u>1-5</u> 9-12</p>
<p>Total Credits 120</p>	

*Students must complete CIS/WRD 110 and CIS/WRD 111 and have earned 30 hours before taking WRD 203.

**Additional FSC classes are FSC 304, FSC 430, FSC 538 or FSC 540.

***Additional Specialty Support classes are AEC 305, ASC 300, CLD 230 or CLD 340.