## SUGGESTED CURRICULUM FOR UNDERGRADUATE FOOD SCIENCE MAJORS

**Concentration in Food Science and Technology/Pre-Graduate School**

### Freshman Year

**Fall Semester**
- CHEM 111 General Chemistry for Sci & Eng Majors**** 4
- MATH 127 Calculus for the Life & Social Sci I*** 3
- ENGL WP 112 College Writing 3
- COMP SCI 105 Computer Literacy 3
- GEN ED Requirement 4

**Spring Semester**
- CHEM 112 General Chemistry for Sci & Eng Majors 4
- MATH 128 Calculus for the Life & Social Sci II 3
- Fd Sci 190i Introduction for the Future Food Scientist 4
- BIOL 110 Intro Animal Biology for Non-Biol Sci Majors 4

***Chem 111 and Math 127 require Math 104 or a score of 20 on the Math Placement exam. If needed, take Math104 and take Chem 111 Spring semester.

### Sophomore Year

**Fall Semester**
- PHYSICS 131 Intro Physics I w/Lab 4
- CHEM 261 Organic Chemistry I for Non-Majors 3
- FD SCI 265 Survey of Food Science 3
- FD SCI 266 Survey of Food Science Lab 1
- RES EC 121 Hunger in the Global Economy (SBG, suggested) 4

**Spring Semester**
- PHYSICS 132 Intro Physics II w/Lab 4
- CHEM 262 Organic Chemistry II for Non-Majors 3
- CHEM 269 Organic Lab for Non-Major (may be taken another semester) 2
- GEN ED Requirement 4

### Junior Year

**Fall Semester**
- FD SCI 270 Biology in Food in Human Health or NUTR 230 Basic Nutrition 3
- BIOCHEM 420 Elementary Biochemistry 3
- BIOCHEM 421 Biochemistry Lab 2
- RES EC 102 Intro to Resource Economics (SB, suggested) 2
- General Elective 3
- 15

**Spring Semester**
- FD SCI 575 Elements of Food Process Engineering 4
- FD SCI 466 Hygienic Handling of Foods 4
- RES EC 212 Intro Statistics for the Social Sciences or STATS 240 Introduction to Statistics 3
- Fd Sci 541 Food Chemistry 1 3

### Senior Year

**Fall Semester**
- FD SCI 542 Food Chemistry 2 3
- FD SCI 544 Food Chemistry Lab 1
- FD SCI 567 Food Microbiology 3
- FD SCI 566 Food Microbiology Lab 2
- FD SCI 391C Junior Writing† 3

**Spring Semester**
- FD SCI 561 Food Processing 3
- FD SCI 563 Processing Laboratory (IE Gen Ed) 2
- FD SCI 581 Analysis of Food Products 3
- FD SCI 583 Food Analysis Laboratory 1
- FD SCI 580 Food Borne Diseases (Optional) 3
- General Elective 3

†Fd Sci 391C may be taken fall of junior or senior year

**KEY:** ◆Generally only offered the semester listed.