

# SUGGESTED CURRICULUM for FOOD SCIENCE CONCENTRATION IN CULINARY SCIENCE

*For students with a 2-year degree in culinary arts or culinary arts experience, accepted into this program.*

Accredited by the Research Chefs Association

ENGL WP 112 College Writing**	3
FD SCI 101 Food & Health**	3
HT MGT 100 Hospitality & Tourism**	3
NUTR 210 Meal Mgmt & Sc Fd Prin**	3
HT- MGT 150 Food Production Management**	3
HT- MGT 250 Food Service Management **	3
HT- MGT 355 Menu & Food Prod Mgt**	3
Electives**	<u>9</u>
Estimated Transfer Credits	30

\*\* Examples of courses can be fulfilled by transfer credits from an Associate's degree in culinary arts

KEY: ◆ Generally only offered the semester listed. ◆ Offered the semester listed on alternate years

## First Year

### Fall Semester (13 credits)

◆ PHYSIC 139 Intro Physics	3
FD SCI 160 Nature of Food	3
MATH 104 Algebra, Analytic Geometry & Trigonometry	3
◆ FD SCI 265 Survey of Food Science	3
◆ FD SCI 266 Survey of Food Science Lab	1

### Spring Semester (16 credits)

CHEM 111 General Chemistry for Sci & Eng Majors	4
◆ BIOL 102 Intro to Animal Biol	4
ECON 103 Intro to Microecon or RES EC 102 Intro to Res Econ	4
GEN ED Requirement	4

## Second Year

### Fall Semester (17 credits)

CHEM 112 General Chemistry for Sci & Eng Majors	4
◆ FD SCI 391C Junior Writing	3
◆ FD SCI 270 The Biol. of Food in Human Health	3
RES EC 211 Intro Statistics for the Life Sciences	3
GEN ED Requirement <sup>1</sup>	4

### Spring Semester (17 credits)

◆ CHEM 250 Organic Chemistry	3
NUTR 230 Basic Nutrition	3
◆ FD SCI 466 Hygienic Handling of Foods or MICBIO 310/312 General Microbiology w/Lab (5 cr)	4
◆ FD SCI 261 Food Biotechnology and Nutrition	3
GEN ED Requirement	4

## Third Year

### Fall Semester (13 credits)

◆ FD SCI 566/567 Food Microbiology	5
◆ FD SCI 541 Food Chemistry	3
◆ FD SCI 544 Food Chemistry Lab	1
GED ED Requirement	4

### Spring Semester (13 credits)

◆ FD SCI 391A Product Development Project & Seminar	1
◆ FD SCI 575 Elements of Food Process Engineering	4
◆ FD SCI 561 Food Processing	3
◆ FD SCI 563 Processing Laboratory	1
◆ FD SCI 581 Analysis of Food Products	3
◆ FD SCI 583 Food Analysis Laboratory	1

