**ADVANCED FOOD SCIENCE CONCENTRATION**

- **FSN 444** Food Engineering 4
- **FSN 474** Advanced Food Processing 4
- **MATH 161** Calculus for the Life Sciences I 4
- **MATH 162** Calculus for the Life Sciences II 4

**Approved Electives**

Select from the following: 4

- **AEPS 210** Viticultural Practices
- **AEPS 250** California Fruit Growing
- **AEPS 421** Postharvest Technology of Horticultural Crops
- **AGB 212** Agricultural Economics
- **ASCI 211** Meat Science
- **ASCI 384** Processed Meat Products
- **ASCI 415** HACCP for Meat and Poultry Operations
- **BUS 207** Legal Responsibilities of Business
- **BUS 384** Human Resources Management
- **CHEM 129** General Chemistry for Agriculture and Life Science III
- **CHEM 217** Organic Chemistry II
- **CHEM 218** Organic Chemistry III
- **DSCI 230** General Dairy Husbandry
- **DSCI 231** General Dairy Manufacturing
- **DSCI 401** Physical and Chemical Properties of Dairy Products
- **DSCI 434** Cheese and Fermented Dairy Foods
- **DSCI 435** Concentration and Fractionation Technology
- **DSCI 444** Dairy Microbiology
- **FSN 121** Fundamentals of Food
- **FSN 201** Enterprise Project
- **FSN 244** Cereal and Bakery Science
- **FSN 304** Advanced Culinary Principles and Practice
- **FSN 321** Contemporary Issues in Food Choice and Preparation
- **FSN 341** Fermented Foods
- **FSN 342** Brewing Science
- **FSN 343** Institutional Foodservice I
- **FSN 346** Brewing Methods
- **FSN 401** Advanced Enterprise Project
- **FSN 410** Nutritional Implications of Food Industry Practices
- **FSN 426** Nutrition and Foodservice Systems Management
- **ITP 330** Packaging Fundamentals
- **ITP 341** Packaging Polymers and Processing
- **MCRO 320** Emerging Infectious Diseases
- **MCRO 342** Public Health Microbiology

**Total units** 20

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<th>POLS 333</th>
<th>World Food Systems</th>
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<tbody>
<tr>
<td>PSY 201</td>
<td>General Psychology</td>
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<tr>
<td>or PSY 202</td>
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One quarter of foreign language