## DAIRY INDUSTRIES MINOR

### Required Courses
- **DSCI 230** General Dairy Husbandry 4
- **DSCI 231** General Dairy Manufacturing 4

### Approved Electives
Select one of the following emphasis areas (at least 13 units must be at the 300-400 level): 1

#### Dairy Husbandry Area
- **ASCI 220** Introductory Animal Nutrition and Feeding
- **DSCI 102** Dairy Operations and Safety
- **DSCI 202** Dairy Promotion and Marketing
- **DSCI 241** Dairy Cattle Selection, Breeds, Fitting and Showing
- **DSCI 270** Selected Topics
- **DSCI 301** Dairy Cattle Nutrition
- **DSCI 321** Lactation Physiology
- **DSCI 330** Artificial Insemination and Embryo Biotechnology
- **DSCI 333** Dairy Animal Health, Safety and Applied Technology
- **DSCI 410** Advanced Dairy Nutrition
- **DSCI 412** Dairy Farm Consultation
- **DSCI 422** Breeding and Genetics of Dairy Cattle
- **DSCI 432** Advanced Dairy Herd Management
- **DSCI 470** Selected Advanced Topics

#### Dairy Foods Area
- **CHEM 312** Survey of Organic Chemistry
- **CHEM 313** Survey of Biochemistry and Biotechnology
- **DSCI 202** Dairy Promotion and Marketing
- **DSCI 233** Milk Processing and Inspection
- **DSCI 401** Physical and Chemical Properties of Dairy Products
- **DSCI 402** Quality Assurance and Control of Dairy Products
- **DSCI 433** Dairy Plant Management and Equipment
- **DSCI 434** Cheese and Fermented Dairy Foods
- **DSCI 435** Concentration and Fractionation Technology
- **DSCI 444** Dairy Microbiology
  or **MCRO 421** Food Microbiology
- **FSN 275** Elements of Food Safety
  or **FSN 375** Food Safety
- **MCRO 221** Microbiology

### Total units
- 26

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1 As a science-based minor, it is assumed that students have completed college introductory courses in biology, chemistry and statistics. In addition, some upper division courses may require microbiology, organic chemistry and/or biochemistry.