# 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):

### 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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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.