

# DAIRY INDUSTRIES MINOR

## Required Courses

DSCI 229	General Dairy Manufacturing	4
DSCI 230	General Dairy Husbandry	4

## Approved Electives

Select one of the following emphasis areas (at least 13 units must be at the 300-400 level):<sup>1</sup> 18

### 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	Organic Chemistry: Fundamentals and Applications
CHEM 314	Biochemistry: Fundamentals and Applications
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 444 or MCRO 421	Dairy Microbiology Food Microbiology
FSN 275 or FSN 375	Elements of Food Safety Food Safety
MCRO 221	Microbiology

**Total units** 26

<sup>1</sup> 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.