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

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.