# Dairy Industries Minor

## Required Courses
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>DSCI 230</td>
<td>General Dairy Husbandry</td>
<td>4</td>
</tr>
<tr>
<td>DSCI 231</td>
<td>General Dairy Manufacturing</td>
<td>4</td>
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</tbody>
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## 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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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.