### DAIRY INDUSTRIES MINOR

**Required Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</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):

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

2. **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.