Required of all students. A 2.0 cumulative GPA is required in core courses including subplan (option) courses for the major in order to receive a degree in the major.

The following required support courses should be taken to satisfy the indicated GE requirements to achieve the maximum units to degree listed at the top of this sheet.

**Required Core Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orientation to College of Agriculture</td>
<td>1</td>
</tr>
<tr>
<td>Intro to the Profession</td>
<td>1</td>
</tr>
<tr>
<td>Nutrition &amp; Lab</td>
<td>4/1</td>
</tr>
<tr>
<td>Intro of Research Methods</td>
<td>4</td>
</tr>
</tbody>
</table>

There will be a requirement for graduation - as assessment activity.

**Total Units** 11

**Required Subplan/Option Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intro to Foods &amp; Lab</td>
<td>2/2</td>
</tr>
<tr>
<td>Nutrition of the Life Cycle</td>
<td>4</td>
</tr>
<tr>
<td>Nutrition Education &amp; Lab</td>
<td>3/1</td>
</tr>
<tr>
<td>Intro to Food Science &amp; Technology</td>
<td>4</td>
</tr>
<tr>
<td>Experimental Food Science &amp; Lab</td>
<td>3/1</td>
</tr>
<tr>
<td>Food Safety and Current Issues</td>
<td>4</td>
</tr>
</tbody>
</table>

**Total Units** 24

**Electives Subplan/Option Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select 42 units from only one emphasis areas in consultation with your advisor:</td>
<td>42</td>
</tr>
</tbody>
</table>

1) Nutrition and Health
2) Pre-Professional
3) Animal Nutrition

See course list on back side.

**Total Units** 42

**Unrestricted Electives**

Select a sufficient number of courses so that the total from "Required Support", "GE" and "Unrestricted Electives" is at least 103 units.

**Total Units** 0-1

**Medical, Veterinary, Pharmacy and Dental School Admission Requirements**

This curriculum meets the requirements of many, but not all, schools. The requirements of individual schools may vary and should be determined by the student in consultation with the department advisor within two years of beginning the application process.
Select 42 units from only one emphasis area in consultation with your advisor:

**Nutrition and Health Emphasis**

- Drugs and Society: AVS 211 (4)
- Biology of Cancer: BIO 302 (4)
- Biology of the Brain: BIO 309 (4)
- Sexually Transmitted Diseases: Current Issues: BIO 311 (4)
- Biology of Human Aging: BIO 328 (4)
- Intercultural Communication: COM 327 (4)
- Health, Nutrition & the Integrated Being: FN 203 (4)
- Food and Culture: FN 228 (4)
- Nutrition Activity: FN 235A (1)
- Special Study for Upper Division Students: FN 400 (1-2)
- Internship in Foods and Nutrition: FN 441 (1-4)
- Internship in Foods and Nutrition: FN 442 (1-4)
- Agriculture, Nutrition and International Development: FN 445 (4)
- Food Systems in Developing Nations I: FST 424 (4)
- Food Systems in Developing Nations II: FST 425 (4)
- Healthy American Cuisine: HRT 255 (4)
- Agriculture, Nutrition & Intl Development: IA 445 (4)
- Foundations of Exercise Science: KIN 301 (4)
- Physiology of Exercise: KIN 303/303L (3/1)
- Science of Physical Aging: KIN 365 (4)
- Stress Management for Healthy Living: KIN 370 (4)
- Consumer Health: KIN 380 (4)
- Physiology of Exercise II: KIN 403/403L (3/1)
- Drug Education: KIN 408 (4)
- Sports Medicine: KIN 455 (4)
- Exercise Metabolism and Weight Control: KIN 456 (3)
- Multicultural Psychology: PSY 325 (4)
- Health Psychology: PSY 326 (4)

**Pre-Professional Emphasis**

- Foundations of Biology: Reproduction & Dvlpmnt: BIO 122/122L (3/2)
- Foundations of Biology: Biodiversity: BIO 123/123L (3/2)
- Biology of Cancer: BIO 302 (4)
- Genetics: BIO 303 (4)
- Cell and Molecular Biology: BIO 310 (4)
- Advanced Genetics: BIO 421 (4)
- Neuroscience: BIO 424 (4)
- Cellular Physiology: BIO 428/428L (4/1)
- Quantitative Analysis: CHM 221/221L (2/2)
- Organic Chemistry & Lab: CHM 315/318L (3/1)
- Organic Chemistry & Lab: CHM 316/319L (3/1)
- Elements of Biochemistry & Lab: CHM 321/321L (3/1)
- or Biochemistry & Lab: CHM 327/327L (3/1)
- Biochemistry & Lab: CHM 328/328L (3/1)
- Biochemistry & Lab: CHM 329/329L (2/2)

**Clinical Chemistry**

- Spectroscopic Methods: CHM 342/342L (2/2)
- or Separation Methods: CHM 343/343L (2/2)
- or Electroanalytical Methods: CHM 344/344L (2/2)
- Bioanalytical Chemistry: CHM 450 (4)
- Recombinant DNA Biochemistry: CHM 453 (3)
- Advanced Nutrient Metabolism I: FN 433 (4)
- Advanced Nutrient Metabolism II: FN 434 (4)
- Advanced Nutrient Metabolism III: FN 435 (4)
- Physiology of Exercise: KIN 303/303L (3/1)
- Sports Medicine: KIN 455 (4)
- College Physics & Lab: PHY 122/122L (3/1)
- College Physics & Lab: PHY 123/123L (3/1)

**Animal Nutrition Emphasis**

- Equine Management Science: AVS 125/125L (3/1)
- Applied Animal Feeding: AVS 303/303L (3/1)
- Meat Science and Industry: AVS 327/327L (3/1)
- Seafood and Poultry Processing Technology: AVS 328/328A (3/1)
- Equine Nutrition: AVS 355 (3)
- Animal Nutrition: AVS 402 (3)
- Ruminant Nutrition: AVS 403 (3)
- Nutrative Analysis: AVS 424L (2)
- Meat Processing and Technology: AVS 427/427L (3/1)
- Foundations of Biology: Reproduction & Dvlpmnt: BIO 122/122L (3/2)
- Foundations of Biology: Biodiversity: BIO 123/123L (3/2)
- Organic Chemistry & Lab: CHM 315/318L (3/1)
- Organic Chemistry & Lab: CHM 316/319L (3/1)
- Elements of Biochemistry & Lab: CHM 321/321L (3/1)
- or Biochemistry & Lab: CHM 327/327L (3/1)
- Biochemistry & Lab: CHM 328/328L (3/1)
- Biochemistry & Lab: CHM 329/329L (3/1)
- Clinical Chemistry: CHM 331/331L (2/2)
- Spectroscopic Methods: CHM 342/342L (2/2)
- or Separation Methods: CHM 343/343L (2/2)
- or Electroanalytical Methods: CHM 344/344L (2/2)
- Bioanalytical Chemistry: CHM 450 (4)
- Recombinant DNA Biochemistry: CHM 453 (3)
- Advanced Nutrient Metabolism I: FN 433 (4)
- Advanced Nutrient Metabolism II: FN 434 (4)
- Advanced Nutrient Metabolism III: FN 435 (4)

- CHM 331/331L (2/2)
- CHM 342/342L (2/2)
- CHM 343/343L (2/2)
- CHM 344/344L (2/2)
- CHM 450 (4)
- CHM 453 (3)
- FN 433 (4)
- FN 434 (4)
- FN 435 (4)
- KIN 303/303L (3/1)
- KIN 455 (4)
- PHY 122/122L (3/1)
- PHY 123/123L (3/1)
- AVS 101 (4)
- AVS 125/125L (3/1)
- AVS 303/303L (3/1)
- AVS 327/327L (3/1)
- AVS 328/328A (3/1)
- AVS 355 (3)
- AVS 402 (3)
- AVS 403 (3)
- AVS 424L (2)
- AVS 427/427L (3/1)
- BIO 122/122L (3/2)
- BIO 123/123L (3/2)
- CHM 315/318L (3/1)
- CHM 316/319L (3/1)
- CHM 321/321L (3/1)
- CHM 327/327L (3/1)
- CHM 328/328L (3/1)
- CHM 329/329L (3/1)
- CHM 331/331L (2/2)
- CHM 342/342L (2/2)
- CHM 343/343L (2/2)
- CHM 344/344L (2/2)
- CHM 450 (4)
- CHM 453 (3)
- FN 433 (4)
- FN 434 (4)
- FN 435 (4)