# Nutrition Science Concentration

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>FSN 416</td>
<td>Community Nutrition</td>
<td>4</td>
</tr>
<tr>
<td>FSN 429</td>
<td>Clinical Nutrition I</td>
<td>4</td>
</tr>
<tr>
<td>FSN 430</td>
<td>Clinical Nutrition II</td>
<td>4</td>
</tr>
<tr>
<td>BIO 231</td>
<td>Human Anatomy and Physiology I</td>
<td>5</td>
</tr>
<tr>
<td>BIO 232</td>
<td>Human Anatomy and Physiology II</td>
<td>5</td>
</tr>
<tr>
<td>BIO 302</td>
<td>Human Genetics</td>
<td>4-5</td>
</tr>
<tr>
<td>or BIO 303</td>
<td>Survey of Genetics</td>
<td></td>
</tr>
<tr>
<td>or BIO 351</td>
<td>Principles of Genetics</td>
<td></td>
</tr>
<tr>
<td>PHYS 121</td>
<td>College Physics I</td>
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</tbody>
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**Approved electives**

Select from the following: 19-20 units

- AEPS/BOT 329 Plants, Food, and Biotechnology
- ASCI 403 Applied Biotechnology in Animal Science
- ASCI 503 Advanced Molecular Techniques in Animal Science
- BIO 160 Diversity and History of Life
- BIO 162 Introduction to Organismal Form and Function
- BIO 253 Health Professions Shadowing
- BIO 305 Biology of Cancer
- BIO/CHEM 308 Genetic Engineering Technology
- BIO 405 Developmental Biology
- BIO 410 Functional Histology
- BIO 426 Immunology
- BIO 452 Cell Biology
- BIO 476 Gene Expression Laboratory
- BUS 207 Legal Responsibilities of Business
- BUS 212 Financial Accounting for Nonbusiness Majors
- CHEM 129 General Chemistry for Agriculture and Life Science III
- CHEM 217 Organic Chemistry II
- CHEM 218 Organic Chemistry III
- CHEM 231 Quantitative Analysis
- CHEM 324 Organic Chemistry Laboratory III
- CHEM 331 Quantitative Analysis
- CHEM 372 Metabolism
- CHEM 373 Molecular Biology
- CHEM 377 Chemistry of Drugs and Poisons
- CHEM 458 Instrumental Organic Qualitative Analysis
- CHEM 474 Protein Techniques Laboratory
- CHEM 475 Molecular Biology Laboratory
- CHEM 477 Biochemical Pharmacology
- COMS 418 Health Communication
- ECON 303 Economics of Poverty, Discrimination and Immigration
- FSN 417 Nutrition Counseling
- FSN 463 Professional Practice in Nutrition and Dietetics
- KINE 181 First Aid/CPR/AED
- KINE 301 Functional Anatomy
- KINE 303 Physiology of Exercise
- KINE 304 Pathophysiology and Exercise
- KINE 305 Drugs in Society
- KINE 308 Motor Development
- KINE 402 Motor Learning and Control
- KINE 403 Biomechanics
- KINE 406 Neuroanatomy
- KINE 445 Electrocardiography
- KINE 446 Echocardiography
- MATH 161 Calculus for the Life Sciences I
- or MATH 141 Calculus I
- MATH 162 Calculus for the Life Sciences II
- or MATH 142 Calculus II
- MATH 143 Calculus III
- MCRO 225 General Microbiology II
- MCRO 320 Emerging Infectious Diseases
- MCRO 342 Public Health Microbiology
- MCRO 402 General Virology
- MCRO 421 Food Microbiology
- MCRO 423 Medical Microbiology
- MCRO 433 Microbial Biotechnology
- PHIL 339 Biomedical Ethics
- PHYS 122 College Physics II
- PHYS 123 College Physics III
- PSY 201 General Psychology
- or PSY 202 General Psychology
- PSY 256 Developmental Psychology
- PSY 310 Psychology of Death
- PSY 317 Psychology of Stress
- PSY 318 Psychology of Aging
- PSY 330 Behavioral Effects of Psychoactive Drugs
- PSY 340 Biopsychology
- PSY 372 Multicultural Psychology
- PSY 405 Abnormal Psychology
- PSY 460 Child Abuse and Neglect
- SCM 101 Introduction to Health Profession Careers
- SCM 363 Public Health Fieldwork
- SCM 451 Ethics in the Sciences
- SOC 326 Sociology of the Life Cycle
- One quarter of foreign language

Total units 50

1 Please consult the FSN advising materials and catalog for prerequisites.