### 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>
<td>4</td>
</tr>
</tbody>
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**Approved electives**

Select from the following: 19-20

- 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.