# NUTRITION SCIENCE CONCENTRATION

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

Select from the following: 19-20 units

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>AEPS/BOT 329</td>
<td>Plants, Food, and Biotechnology</td>
</tr>
<tr>
<td>ASCI 403</td>
<td>Applied Biotechnology in Animal Science</td>
</tr>
<tr>
<td>ASCI 503</td>
<td>Advanced Molecular Techniques in Animal Science</td>
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<tr>
<td>BIO 160</td>
<td>Diversity and History of Life</td>
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<tr>
<td>BIO 162</td>
<td>Introduction to Organismal Form and Function</td>
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<tr>
<td>BIO 253</td>
<td>Health Professions Shadowing</td>
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<tr>
<td>BIO 305</td>
<td>Biology of Cancer</td>
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<td>BIO/CHEM 308</td>
<td>Genetic Engineering Technology</td>
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<td>BIO 405</td>
<td>Developmental Biology</td>
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<tr>
<td>BIO 410</td>
<td>Functional Histology</td>
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<td>BIO 426</td>
<td>Immunology</td>
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<tr>
<td>BIO 452</td>
<td>Cell Biology</td>
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<tr>
<td>BIO 476</td>
<td>Gene Expression Laboratory</td>
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<td>BUS 207</td>
<td>Legal Responsibilities of Business</td>
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<tr>
<td>BUS 212</td>
<td>Financial Accounting for Nonbusiness Majors</td>
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<tr>
<td>CHEM 129</td>
<td>General Chemistry for Agriculture and Life Science III</td>
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<tr>
<td>CHEM 217</td>
<td>Organic Chemistry II</td>
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<td>CHEM 218</td>
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<td>CHEM 324</td>
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<td>CHEM 331</td>
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<td>CHEM 372</td>
<td>Metabolism</td>
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<td>CHEM 373</td>
<td>Molecular Biology</td>
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<td>CHEM 377</td>
<td>Chemistry of Drugs and Poisons</td>
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<td>CHEM 458</td>
<td>Instrumental Organic Qualitative Analysis</td>
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<td>CHEM 474</td>
<td>Protein Techniques Laboratory</td>
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<td>CHEM 475</td>
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<td>COMS 418</td>
<td>Health Communication</td>
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<tr>
<td>ECON 303</td>
<td>Economics of Poverty, Discrimination and Immigration</td>
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<tr>
<td>FSN 417</td>
<td>Nutrition Counseling</td>
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<tbody>
<tr>
<td>FSN 463</td>
<td>Professional Practice in Nutrition and Dietetics</td>
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<tr>
<td>KINE 181</td>
<td>First Aid/CPR/AED</td>
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<tr>
<td>KINE 301</td>
<td>Functional Anatomy</td>
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<td>KINE 303</td>
<td>Physiology of Exercise</td>
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<td>KINE 304</td>
<td>Pathophysiology and Exercise</td>
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<td>KINE 305</td>
<td>Drugs in Society</td>
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<td>KINE 308</td>
<td>Motor Development</td>
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<td>KINE 402</td>
<td>Motor Learning and Control</td>
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<td>Biomechanics</td>
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<td>KINE 406</td>
<td>Neuroanatomy</td>
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<td>KINE 445</td>
<td>Electrocardiography</td>
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<tr>
<td>KINE 446</td>
<td>Echocardiography</td>
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<tr>
<td>MATH 161</td>
<td>Calculus for the Life Sciences I</td>
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<tr>
<td>or MATH 141</td>
<td>Calculus I</td>
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<tr>
<td>MATH 162</td>
<td>Calculus for the Life Sciences II</td>
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<tr>
<td>MCRO 225</td>
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<td>MCRO 320</td>
<td>Emerging Infectious Diseases</td>
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<td>MCRO 423</td>
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<td>Biomedical Ethics</td>
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<td>PHYS 123</td>
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<td>SCM 101</td>
<td>Introduction to Health Profession Careers</td>
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<td>SCM 363</td>
<td>Public Health Fieldwork</td>
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<td>SCM 451</td>
<td>Ethics in the Sciences</td>
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<tr>
<td>SOC 326</td>
<td>Sociology of the Life Cycle</td>
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1 Please consult the FSN advising materials and catalog for prerequisites.