## 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>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 units

1. AEPS/BOT 329 Plants, Food, and Biotechnology
2. ASCI 403 Applied Biotechnology in Animal Science
3. ASCI 503 Advanced Molecular Techniques in Animal Science
4. BIO 160 Diversity and History of Life
5. BIO 162 Introduction to Organismal Form and Function
6. BIO 253 Health Professions Shadowing
7. BIO 305 Biology of Cancer
8. BIO/CHEM 308 Genetic Engineering Technology
9. BIO 405 Developmental Biology
10. BIO 410 Functional Histology
11. BIO 426 Immunology
12. BIO 452 Cell Biology
13. BIO 476 Gene Expression Laboratory
14. BUS 207 Legal Responsibilities of Business
15. BUS 212 Financial Accounting for Nonbusiness Majors
16. CHEM 129 General Chemistry for Agriculture and Life Science III
17. CHEM 217 Organic Chemistry II
18. CHEM 218 Organic Chemistry III
19. CHEM 231 Quantitative Analysis
20. CHEM 324 Organic Chemistry Laboratory III
21. CHEM 331 Quantitative Analysis
22. CHEM 372 Metabolism
23. CHEM 373 Molecular Biology
24. CHEM 377 Chemistry of Drugs and Poisons
25. CHEM 458 Instrumental Organic Qualitative Analysis
26. CHEM 474 Protein Techniques Laboratory
27. CHEM 475 Molecular Biology Laboratory
28. CHEM 477 Biochemical Pharmacology
29. COMS 418 Health Communication
30. ECON 303 Economics of Poverty, Discrimination and Immigration
31. FSN 417 Nutrition Counseling
32. MATH 161 Calculus for the Life Sciences I
33. or MATH 141 Calculus I
34. MATH 162 Calculus for the Life Sciences II
35. or MATH 142 Calculus II
36. MATH 143 Calculus III
37. MCRO 225 General Microbiology II
38. MCRO 320 Emerging Infectious Diseases
39. MCRO 342 Public Health Microbiology
40. MCRO 402 General Virology
41. MCRO 421 Food Microbiology
42. MCRO 423 Medical Microbiology
43. MCRO 433 Microbial Biotechnology
44. PHIL 339 Biomedical Ethics
45. PHYS 122 College Physics II
46. PHYS 123 College Physics III
47. PSY 201 General Psychology
48. or PSY 202 General Psychology
49. PSY 256 Developmental Psychology
50. PSY 310 Psychology of Death
51. PSY 317 Psychology of Stress
52. PSY 318 Psychology of Aging
53. PSY 330 Behavioral Effects of Psychoactive Drugs
54. PSY 340 Biopsychology
55. PSY 372 Multicultural Psychology
56. PSY 405 Abnormal Psychology
57. PSY 460 Child Abuse and Neglect
58. SCM 101 Introduction to Health Profession Careers
59. SCM 363 Public Health Fieldwork
60. SCM 451 Ethics in the Sciences
61. SOC 326 Sociology of the Life Cycle
62. One quarter of foreign language

**Total units:** 50

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Please consult the FSN advising materials and catalog for prerequisites.