# Nutrition Science Concentration

**FSN 416** | Community Nutrition | 4  
**FSN 429** | Clinical Nutrition I | 8  
**FSN 429** & **FSN 430** | Clinical Nutrition II | 8  
**BIO 231** | Human Anatomy and Physiology I | 5  
**BIO 232** | Human Anatomy and Physiology II | 5  
**BIO 302** | Human Genetics | 4-5  
or **BIO 303** | Survey of Genetics  
or **BIO 351** | Principles of Genetics  
**PHYS 121** | College Physics I | 4

**Approved electives**  
Select from the following: 19-20  
- AEPS/BOT 329 | Plants, Food, and Biotechnology  
- ASCI 403 | Applied Biotechnology 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 405 | Advanced Sport Nutrition & Exercise Metabolism  
- FSN 417 | Nutrition Counseling  
- FSN 463 | Professional Practice in Nutrition and Dietetics  
- KINE 181 | Responding to Emergencies: Comprehensive 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 312 | 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  
- SOC 326 | Sociology of the Life Cycle  
- SCM 363 | Public Health Fieldwork  
- One quarter of foreign language

Total units: 50

1. The FSN 431, FSN 432 and FSN 433 (10) series may substitute for the FSN 429 and FSN 430 (8) series, with the excess 2 units counting towards Approved Electives.  
2. Please consult the FSN advising materials and catalog for prerequisites.