

# NUTRITION SCIENCE CONCENTRATION

BIO 302	Human Genetics	4-5
or BIO 303	Survey of Genetics	
or BIO 351	Principles of Genetics	

## Approved Electives<sup>1</sup>

Select from the following: 22

ASCI 403	Applied Biotechnology in Animal Science
BIO 150	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 412	Gastrointestinal Physiology and Microbiology
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	Advanced Organic Chemistry: Spectroscopy
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
HLTH 305	Drugs in Society
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 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 121	College Physics I
PHYS 122	College Physics II
PHYS 123	College Physics III
PLSC 329	Plants, Biotechnology, and the Media
PSY 201	General Psychology
or PSY 202	General Psychology
PSY 256	Developmental Psychology
PSY 310	Psychology of Death
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
One quarter of foreign language	

**Total units** 26-27

<sup>1</sup> Please consult the Food, Science & Nutrition advising materials and catalog for prerequisites.