NUTRITION SCIENCE CONCENTRATION

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

Approved Electives
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 Financial Accounting for Nonbusiness Majors
BUS 212 Legal Responsibilities of Business
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

Please consult the Food, Science & Nutrition advising materials and catalog for prerequisites.