

NUTRITIONAL SCIENCE/DIETETICS/DIDACTIC PROGRAM IN DIETETICS AND NUTRITION AND EXERCISE SCIENCE (updated 4/03/20)

Required Supporting Courses, 38-44 credits

- ☐ BIOLOGY 201 Principles of Biology I (F,S) 3 cr
- ☐ BIOLOGY 202 Principles of Biology I (F,S) 1 cr
- ☐ CHEM 211 Principles of Chemistry I (F,S) 4 cr
- ☐ CHEM 212 Principles of Chemistry II (F,S) 4 cr
- ☐ CHEM 213 Principles of Chemistry I Lab (F,S) 1 cr
- ☐ CHEM 214 Principles of Chemistry II Lab (F,S) 1 cr
- ☐ COMM 133 Fund of Public Address (F,S) 3 cr
- ☐ **WF** 105 Research and Rhetoric (F,S) 3 cr (satisfied with an ACT English score of 32 or higher)
- ☐ HUM BIOL 116 First Aid & Emergency Care Proc (F,S) 3 cr (or current certification)
- ☐ HUM BIOL 204 Anatomy and Physiology (F,S, Summer) 5 cr
- ☐ HUM BIOL 207 Laboratory Safety (F,S) 1 cr
- ☐ HUM BIOL 210 Prev & Treatment of Athletic Injuries (F,S), 3 cr
- ☐ NUT SCI 201 Survey of Nutrition Related Prof (F) 1 cr
- ☐ NUT SCI 212 Science of Food Preparation (F) 4 cr

Select one (of two): ()

- ☐ HUM DEV 102 Intro to Human Development (F,S) 3 cr
- ☐ PSYCH 102 Introduction to Psychology (F,S) 3 cr

Math Requirement:

- ☐ MATH 104 as prereq or concurrent for CHEM 211 & CHEM 212
- ☐ MATH 260 Introductory Statistics (F,S) 4 cr

Select one: (9-1-18 forward)

- ☐ PHYSICS 103 Fund of Physics I 5 cr (F)
- OR
- ☐ PHYSICS 201 Principles of Physics I 5 cr (F)

Upper-Level Required Courses, 53 credits

- ☐ BIOLOGY 302 Principles of Microbiology (F,S, Summer) 4 cr
- ☐ CHEM 300 Bio-Organic Chemistry (S) 3 cr
- ☐ CHEM 301 Bio-Organic Chemistry Lab (S) 1cr
- ☐ NUT SCI 300 Human Nutrition (F,S) 3 cr
- ☐ NUT SCI 312 Quantity Food Prod/Service (S) 4 cr
- ☐ NUT SCI 350 Life Cycle Nutrition (S) 3 cr
- ☐ NUT SCI 421 Community Nutrition (F) 4 cr (WE)
- ☐ NUT SCI 427 Adv Nutrition and Metabolism (S) 3 cr
- ☐ NUT SCI 485 Medical Nutrition Therapy I (F) 3 cr
- ☐ NUT SCI 486 Medical Nutrition Therapy II (S) 3 cr (WE)
- ☐ NUT SCI 487 Nutritional Science Seminar (F) 1 cr (Capstone)
- ☐ HUM BIOL 333 Principles of Sports Physiology (S) 3 cr
- ☐ HUM BIOL 360 Exercise Physiology 4 cr (F) WE
- & HUM BIOL 361 Human Physiology Lab: Exer & Metab

- ☐ HUM BIOL 351 Kinesiology (F) 4 cr

Select one:

- ☐ BIOLOGY 303 Genetics (F,S) 3 cr
- ☐ HUM BIOL 310 Human Genetics (F,S) 3 cr WE

Select 4 credits:

- ☐ NUT SCI 327 Nutritional Biochemistry (F) 4 cr
- OR
- ☐ CHEM 330 Biochemistry (F) 3cr
- ☐ CHEM 331 Biochemistry Lab (F) 1cr

Recommended Electives (see advisor for other possibilities):

- ☐ HUM BIOL 402 Human Physiology (F,S) 3 cr
- ☐ NUT SCI 250 World Food & Population Issues (F,S) 3 cr (WC)
- ☐ NUT SCI 260 Childhood Obesity (S) 3 cr
- ☐ POL SCI 202 Introduction to Public Policy (F,S) 3 cr (SS2)

Other courses to be used as electives, and notes on academic plans, can be found on the back of this page. Appropriate substitutions may be made with the approval of a faculty advisor.

F=fall, S=spring, O=odd years, E=even years, V=varies, WE=writing emphasis * = upper level lab course

Links to current catalogue descriptions can be found at **HUMAN BIOLOGY – PROGRAM – DEGREE REQUIREMENTS (MAJOR)**

GENERAL EDUCATION: ☐ Biol Sci • ☐ Capstone • ☐ Ethnic Studies • ☐ Fine Arts • ☐ First Year Seminar • ☐ Global Culture • ☐ Humanities • ☐ Natural Sci
☐ Quantitative Literacy • ☐ Social Sciences • ☐ Sustainability • ☐ ☐ ☐ ☐ Writing Emphasis (must have at least 2 upper-level) **Key:** ☐ 1-4 cr; ☐ 6 cr

Term _____

Term _____

Term _____

Term _____

Term _____

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Term _____

Human Biology	Biology
<input type="checkbox"/> HUM BIOL 310 Human Genetics 3 cr (F,S) WE <input type="checkbox"/> HUM BIOL 318 Reproductive Biology 3 cr (S) <input type="checkbox"/> HUM BIOL 322 Epidemiology (S) <input type="checkbox"/> HUM BIOL 324 Biology of Women 3 cr (S) <input type="checkbox"/> HUM BIOL 331 Science and Religion 3 cr (V) <input type="checkbox"/> HUM BIOL 333 Princ Sports Phys 3 cr (S) <input type="checkbox"/> HUM BIOL 341 Human Anatomy Lab 1 cr* (F) <input type="checkbox"/> HUM BIOL 344 Epidemiology 3 cr (S) <input type="checkbox"/> HUM BIOL 351 Kinesiology 4 cr* (F) <input type="checkbox"/> HUM BIOL 360 Exercise Phys 4 cr* (F) WE & HUM BIOL 361 Hum Phys Lab: Exerc-Metab <input type="checkbox"/> HUM BIOL 401 Art and Science 1 cr (S) <input type="checkbox"/> HUM BIOL 402 Human Physiology 3 cr (F,S) <input type="checkbox"/> HUM BIOL 403 Human Phys Lab 1 cr* (S) WE <input type="checkbox"/> HUM BIOL 413 Neurobiology 3 cr (F) <input type="checkbox"/> HUM BIOL 422 Immunology 3 cr (S) WE <input type="checkbox"/> HUM BIOL 423 Immunology Lab 1 cr* (V) <input type="checkbox"/> HUM BIOL 426 Cancer Biology 3 cr (F) <input type="checkbox"/> HUM BIOL 427 Cancer Biology Lab 1 cr* (V) <input type="checkbox"/> HUM BIOL 444 Endocrinology 3 cr (V) WE <input type="checkbox"/> HUM BIOL 478 Honors in the Major 3 cr <input type="checkbox"/> HUM BIOL 495 Research in Human Biol 1-4 cr <input type="checkbox"/> HUM BIOL 497 Internship 1-4 cr <input type="checkbox"/> HUM BIOL 498 Independent Study 1-4 cr	<input type="checkbox"/> BIOLOGY 302 Microbiology 4 cr* (F,S) <input type="checkbox"/> BIOLOGY 303 Genetics 3 cr (F,S) <input type="checkbox"/> BIOLOGY 304 Genetics Laboratory 1 cr* (F) WE <input type="checkbox"/> BIOLOGY 307 Cell Biology 3 cr (F,S) <input type="checkbox"/> BIOLOGY 308 Cell Biology Lab 1 cr* (F,S) WE <input type="checkbox"/> BIOLOGY 309 Evolutionary Biology (F,S) <input type="checkbox"/> BIOLOGY 340 Comparative Anatomy 4 cr* (F) WE <input type="checkbox"/> BIOLOGY 345 Animal Behavior 3 cr (SE) <input type="checkbox"/> BIOLOGY 346 Comparative Physiology 3 cr (S) <input type="checkbox"/> BIOLOGY 402 Advanced Microbiology 4 cr* (F) WE <input type="checkbox"/> BIOLOGY 407 (CHEM 407) Molecular Biol 3 cr (SO) <input type="checkbox"/> BIOLOGY 408 (CHEM 408) Molec Biol Lab 1 cr* (SO) <input type="checkbox"/> BIOLOGY 410 Development Biology 3 cr (SO) WE <input type="checkbox"/> BIOLOGY 411 Development Biology Lab 1 cr* (V)
	Chemistry
	<input type="checkbox"/> CHEM 300 Bio-Organic Chemistry 3 cr (S) <input type="checkbox"/> CHEM 301 Bio-Organic Chemistry Lab 1 cr (S) <input type="checkbox"/> CHEM 302 Organic Chemistry I 3 cr (FS) <input type="checkbox"/> CHEM 303 Organic Chemistry II 3 cr (FS) <input type="checkbox"/> CHEM 304 Organic Chem Lab I 1 cr (FS) <input type="checkbox"/> CHEM 305 Organic Chem Lab II 1 cr (FS) <input type="checkbox"/> CHEM 330 Biochemistry 3 cr (FS) <input type="checkbox"/> CHEM 331 Biochemistry Lab 1 cr* (FS)
Nutritional Science	Psychology
<input type="checkbox"/> NUT SCI 300 Human Nutrition 3 cr (F,S) <input type="checkbox"/> NUT SCI 327 Nutritional Biochemistry 4 cr* (F) <input type="checkbox"/> NUT SCI 350 Life Cycle Nutrition 3 cr (S) <input type="checkbox"/> NUT SCI 427 Adv Nutrition & Metabolism 3 cr (S) <input type="checkbox"/> NUT SCI 486 Medical Nutrition Therapy II (S)	Maximum of ONE... <input type="checkbox"/> PSYCH2 308 Physiological Psychology 3 cr (S) <input type="checkbox"/> PSYCH2 435 Abnormal Psychology 3 cr (F,S) <input type="checkbox"/> PSYCH2 450 Health Psychology 3 cr (S)
Environmental Science	
<input type="checkbox"/> ENV SCI 339 Scientific Writing	Notes – <u>for academic plans filed beginning fall 2017</u> <ul style="list-style-type: none"> • all emphases can use <u>any</u> course on this list as an upper level elective • all emphases include an “organic chemistry” component • COMM SCI 205 (Social Science stats) is <u>no longer</u> an option as a statistics course for the Nutrition Science emphasis • Nut Sci 302 (Ethn Inf Nut, now Nut Sci 202) no longer counts as an upper level elective • academic plans filed before fall 2017 will follow the “old” curriculum per shown in student’s SIS, BUT advisors may substitute per this page
F = fall, S = spring O = odd years, E = even years, V = varies, WE = writing emphasis *= upper level lab course	

