

HUMAN BIOLOGY MAJOR WITH *EMPHASIS IN EXERCISE SCIENCE*

Supporting Courses, 30-36 credits

- ☐ BIOLOGY 201 Principles of Biology I 3 cr (F,S)
- ☐ BIOLOGY 202 Principles of Biology L 1 cr (F,S)
- ☐ CHEM 211 Principles of Chemistry I 4 cr (F,S)
- ☐ CHEM 212 Principles of Chemistry II 4 cr (F,S)
- ☐ CHEM 213 Princ of Chemistry I Lab 1 cr (F,S)
- ☐ CHEM 214 Princ of Chemistry II Lab 1 cr (F,S)
- ☐ ENG COMP 105 Expository Writing 3 cr (F,S)
(satisfied with an ACT English score of 32 or higher)
- ☐ HUM BIOL 116 First Aid and Emergency Care Procedures 3 cr (F,S) (or current certification)
- ☐ HUM BIOL 204 Anat and Physiology 5 cr (F,S)
- ☐ HUM BIOL 207 Laboratory Safety 1 cr (F,S)
- ☐ HUM BIOL 210 Prevention and Treatment of Athletic Injuries 3 cr (F,S)
- ☐ MATH 260 Introductory Statistics 4 cr (F,S)

Select one:

- ☐ Oral communication (COMM 133 Fundamentals of Public Address) (F,S)
- ☐ Literature (e.g., ENGLISH 104 Intro to Literature) (F,S)
- ☐ NonEnglish language (one year at the college level)

For sample 4 year curricular plan go to <http://www.uwgb.edu/human-biology/program/curriculum/>

Upper-Level Courses - need 30 credits of upper level courses.

The 30 credits come from the combination of the required and elective courses.

Upper-Level Required - 17 credits

- ☐ HUM BIOL 333 Princ of Sports Phys 3 cr (S)
- ☐ HUM BIOL 360 Exercise Phys 4 cr (F) WE
& Hum bio 361 Hum Phys Lab: Exerc-Metab
- ☐ HUM BIOL 351 Kinesiology 4 cr (F)
- ☐ NUT SCI 300 Human Nutrition 3 cr (F,S)

(select one of these) 3 credits:

- ☐ BIOLOGY 303 Genetics 3 cr (F,S)
- ☐ BIOLOGY 307 Cell Biology 3 cr (F,S)
- ☐ HUM BIOL 310 Human Genetics 3cr (F,S)WE

Upper level Electives, (13 credits toward 30)

One laboratory course* from the list must be taken at the upper level.

The following courses are commonly used as upper level elective courses. However many upper-level courses in Biology, Human Biology, Nutritional Science or Chemistry can be used to meet this requirement. In addition, *designated* courses in Psychology and Human Development can be used to meet this requirement. See advisor to add courses not listed below.

- ☐ BIOLOGY 302 Princ of Microbiology 4 cr* (F,S)
- ☐ BIOLOGY 303 Genetics 3 cr (F,S)
- ☐ BIOLOGY 304 Genetics Laboratory 1 cr* (F) WE
- ☐ BIOLOGY 307 Cell Biology 3 cr (F,S)
- ☐ BIOLOGY 308 Cell Biology Lab 1 cr* (F,S) WE
- ☐ BIOLOGY 309 Evolutionary Biology 3 cr (F,S)
- ☐ BIOLOGY 340 Comparative Anatomy 4 cr* (F)
- ☐ BIOLOGY 346 Comparative Physiology 3 cr (S)
- ☐ BUS ADM 382 Introductory Management 3 cr (FS)
- ☐ CHEM 300 Bio-Organic Chemistry 3 cr (S)
- ☐ CHEM 301 Bio-Organic Chemistry Lab 1 cr (S)

- ☐ HUM BIOL 310 Human Genetics 3 cr (F,S) WE
 - ☐ HUM BIOL 324 Biology of Women 3 cr (S)
 - ☐ HUM BIOL 402 Human Physiology 3 cr (F,S)
 - ☐ HUM BIOL 403 Human Phys Lab 1 cr* (S) WE
 - ☐ HUM BIOL 405 Biotechnology and Ethics 3cr (F)WE
 - ☐ HUM BIOL 413 Neurobiology 3 cr (F)
 - ☐ HUM BIOL 422 Immunology 3 cr (SO) WE
 - ☐ HUM BIOL 423 Immunology Lab 1 cr* (SO)
 - ☐ HUM BIOL 426 Cancer Biology 3 cr (SE)
 - ☐ HUM BIOL 427 Cancer Biology Lab 1 cr* (SE)
 - ☐ HUM BIOL 444 Endocrinology 3 cr (S) WE
 - ☐ HUM BIOL 478 Honors in the Major 3 cr
 - ☐ HUM BIOL 495 Research in Human Biology 1-4 cr
 - ☐ HUM BIOL 497 Internship 1-4 cr
 - ☐ HUM BIOL 498 Independent Study 1-4cr
 - ☐ NUT SCI 302 Ethnic Influences on Nutrition 3 cr (S)
 - ☐ NUT SCI 327 Nutritional Biochemistry 4 cr* (F)
 - ☐ NUT SCI 350 Life Cycle Nutrition 3 cr (S)
 - ☐ NUT SCI 427 Adv Nutrition & Metabolism 3 cr (S)
 - ☐ PSYCH² 300 Research Methods Psych 4 cr (F,S)
 - ☐ PSYCH² 308 Physiological Psychology 3 cr (S)
 - ☐ PSYCH² 435 Abnormal Psychology 3 cr (F,S)
 - ☐ PSYCH² 450 Health Psychology 3 cr (S)
- ² **Note:** only two PSYCH courses can be applied to the major.

GENERAL EDUCATION: ☐ Biol Sci • ☐ Capstone • ☐ Ethnic Stud • ☐ Fine Arts • ☐ First Year Semin • ☐ Global Culture • ☐ Humanities • ☐ Natural Sci
☐ Quantitative Literacy • ☐ Social Sciences • ☐ Sustainability • ☐ Writ Emph (2 up.level) • ☐ Writ Emph (2 low level) **Key:** ☐ 1-4 cr; ☐ 6 cr

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