



OHIO
UNIVERSITY
Zanesville

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College of Arts & Sciences

Bachelor of Arts in Human Biology (BA2128)

Program Description

The B.A. in Human Biology major is designed for students interested in human biology and its application to allied health care professions, such as occupational therapy, genetic counseling, and with the careful choice of electives, physician assistant and physical therapy programs. The curriculum is also suitable for students who wish to enter the public health and health policy fields with a strong science background. The curriculum provides a biology-enriched program for liberal arts students by exposing them to courses in genetics, neuroscience, ecology, human reproductive physiology, psychology, sociology, nutrition, and geography.

Students in this track may want to consider a minor in a social science discipline such as psychology, sociology, or anthropology.

Students interested in applying to medical, dental, optometry, or veterinary schools should follow the B.S. track.

Program Information

Students who enroll in the B.A. in Human Biology program at Ohio University Zanesville are required to complete coursework in Human Anatomy and Human Physiology at the Ohio University Eastern campus located in St. Clairsville, Ohio. All other coursework may be completed either on the Zanesville campus or via the OULN compressed video system.

Admission Information

Students interested in entering the B.A. in Human Biology program must meet the general admission requirements for the university, there are no selective requirements beyond admission to Ohio University.

Opportunities Upon Graduation

Students can pursue careers in occupational therapy, genetic counseling and certain professional school programs with the proper selection of electives. In addition, the curriculum is suitable for students who wish to enter law, public health, and health policy fields with a strong science background. Students also may find employment opportunities as scientific sales representatives, laboratory technicians, clinical research associates and more.

Contact Information:

Dr. Tarig Higazi: higazi@ohio.edu or 740.588.1533

Human Biology

Fall Semester - Year 1

BIOS 1700 : Biological Science I	3
BIOS 1705: Biological Science Lab	1
CHEM 1210 or 1510: Fund of Chemistry*	4
MATH 1200: College Algebra	4
ENG 1510: Writing & Rhetoric I	3
	15cr

Spring Semester - Year 1

BIOS 1710: Biological Science II	3
BIOS 1715: Biological Science II Lab	1
CHEM 1220 or 1520: Fund of Chemistry II*	4
SOC 1000 (Tier II Social Science)	3
ANTH 1010: Cultural Anthropology (Tier II CP)	3
	14cr

Fall Semester - Year 2

BIOS 2050: Human Biology; Sex & Reproduction	2
BIOS 2060: Drugs & the Brain	3
BIOS 2250 or 3100: Genetics	3
PHYS 2001: Intro to Physics	4
MATH 1300: Pre-Calculus	4
	16cr

Spring Semester - Year 2

BIOS 3220: General Microbiology	3
BIOS 3225: General Microbiology Lab	2
PSY 1010 (Tier II Social Science)	3
PHYS 2002: Intro to Physics	4
NUTR 1000 (Tier II Applied Science & Math)	3
	14cr

Fall Semester - Year 3

BIOS 3010: Human Anatomy I**	3
BIOS 3015: Human Anatomy Lab**	1
PSY 2110: Stats for the Behavioral Sciences	4
BIOS 4440 Tropical Disease and Biology	3
Foreign Language (1110 or 2110)	3-4
TIER II Applied Science and Math or Equivalent	3
	17-18cr

Spring Semester - Year 3

BIOS 3450: Human Physiology**	3
BIOS 3455: Human Physiology Lab**	2
Tier II Humanities & Literature	3
TIER II Cultural Perspectives or Equivalent	3
ENG J Course	3
Foreign Language (1120 or 2120)	3-4
	17-18cr

Fall Semester - Year 4

BIOS 4450: Physiology of Exercise	3
BIOS 4455: Physiology of Exercise Lab	1
BIOS 4500: Prin of Endocrinology	3
TIER II Fine Arts or Equivalent	3
Foreign Language 2110	3
TIER II Natural Science or Equivalent	3
	16cr

Spring Semester - Year 4

BIOS 3200: Fund of Animal Cell Biology	3
Foreign Language 2120	3
PSY 2710: Abnormal Psychology	3
TIER II Humanities or Equivalent	3
TIER II Social Science or Equivalent	3
	15cr

If, after graduation, you plan to apply to a Physician Assistant program you should take the following additional courses:

*CHEM 1510 & 1520 and HLTH 2300 are tentatively offered Fall and Spring terms.

*CHEM 3050, 3060, 3080, 3085 are tentatively offered in summer sessions.

The above curriculum is meant to serve as a suggested pathway to completing the B.A. in Human Biology. Students should consult with their academic advisor on a regular basis for assistance in completing their degree requirements.

****Courses are offered on the Ohio University Eastern Campus**