

HUMAN BIOLOGY ACADEMIC COURSEWORK



Cleveland University
KANSAS CITY

Chiropractic and Health Sciences

COLLEGE OF HEALTH SCIENCES

BACHELOR OF SCIENCE IN HUMAN BIOLOGY (B.S.)

A minimum of 124 credit hours are required for the B.S. degree. Your Cleveland University-Kansas City (CUKC) advisor will work with you to evaluate and transfer your prior coursework. Students are required to complete 36 credit hours and Advanced Topics in Human Biology at CUKC.

GENERAL EDUCATION REQUIREMENTS — 34 CREDIT HOURS

ENGLISH — 6 CREDIT HOURS

ENGL 101	English Composition I	3
ENGL 102	English Composition II	3

MATH — 3 CREDIT HOURS

MATH 201	College Algebra	3
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COMMUNICATION — 3 CREDIT HOURS

SPCH 101	Speech	3
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ARTS AND HUMANITIES — 6 CREDIT HOURS

HIST 102	US History since 1865	3
COMM 201	Communication and Diversity	3

SOCIAL AND BEHAVIORAL SCIENCES — 6 CREDIT HOURS

PSYC 110	General Psychology	3
SOCI 110	General Sociology	3

NATURAL AND PHYSICAL SCIENCES — 4 CREDIT HOURS

BIOL 230	Principles of Biology with Lab	4
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CUKC SPECIFIC COURSES — 6 CREDIT HOURS

SOCI 210	Race & Ethnicity	3
HIST 210	History and Philosophy of Biological Sciences	3

PHYSICAL SCIENCES AND MATHEMATICS — 37 CREDIT HOURS

MATH 310	Statistics	3
PHYS 220	Physics I with Lab	5
PHYS 222	Physics II with Lab	5
CHEM 141	Introduction to Chemistry	4
CHEM 240	General Chemistry I with Lab	4
CHEM 242	General Chemistry II with Lab	4
CHEM 300	Organic Chemistry I with Lab	4
CHEM 302	Organic Chemistry II with Lab	4
CHEM 400	Medicinal Chemistry	4

Highlighted courses are one full term, other courses are 8-week modules.

CORE REQUIREMENTS — 53 CREDIT HOURS

HSCI 102	Health Science Terminology	1
BIOL 250	Anatomy & Physiology I with Lab	4
BIOL 251	Anatomy & Physiology II with Lab	4
BIOL 301	Microbiology with Lab	4
BIOL 340	Genetics	3
BIOL 350	Embryology	3
BIOL 351	Cell & Molecular Biology	4
BIOL 352	Histology with Lab	5
BIOL 354	Cell Physiology	3
BIOL 360	Introduction to Research	1
BIOL 460	Immunobiology	3
CHEM 346	Biochemistry I with Lab	5
CHEM 440	Biochemistry II	5
CHEM 480	Basic Nutrition	4
BIOL 495	Advanced Topics in Human Biology	4

TOTAL HOURS **124**

LEARNING OUTCOMES

After earning their B.S. degree, students will be able to:

- ◆ Correlate information from various disciplines to biological phenomena.
- ◆ Effectively communicate topics in human biology through writing, oral presentation and audio/visuals.
- ◆ Critically analyze literature, interpret experimental data, and logically evaluate scientific arguments regarding human biology.
- ◆ Value the significance of diversity and defend its importance within scientific environments.
- ◆ Synthesize a variety of biological content and recognize coherence within biological sub-disciplines.

QUESTIONS? Talk to an Admissions Advisor at 800.467.2252 or admissions@cleveland.edu.