



ACADEMIC COURSEWORK (B.S.)

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

A minimum of 124 lower and upper division courses are required for the B.S. degree. Your Cleveland University-Kansas City (CUKC) advisors 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. Highlighted courses are one full term, other courses are 8-week modules.

GENERAL EDUCATION REQUIREMENTS (31): CREDIT HOURS

ENGL 101	English Composition I	3
ENGL 102	English Composition II	3
MATH 201	College Algebra	3
SPCH 101	Speech	3
HSCI 102	Health Science Terminology	1
ACST 190	Mastering Life Long Learning	3
HIST 102	US History since 1865	
	Or HIST 110 History of American Culture	3
HIST 210	History & Philosophy of Biological Sciences	3
PSYC 110	General Psychology	
	Or SOCI 110 General Sociology	3
COMM 201	Communication & Diversity	3
SOCI 210	Race & Ethnicity	3

PHYSICAL SCIENCES AND MATHEMATICS (31)

MATH 310	Statistics	3
PHYS 220	Physics I with Lab	4
PHYS 222	Physics II with Lab	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

ELECTIVES OF DISTINCTION (6)

Along with their academic advisor, students will arrange independent study options, individual research, or other course selections based on personal education and professional goals.

CORE REQUIREMENTS (56)

BIOL 230	Principles of Biology with Lab	4
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 351	Cell & Molecular Biology	4
BIOL 350	Embryology	3
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