



About the Profession

Prepares undergraduates for the next step towards their desired healthcare profession. The B.S. in Human Biology at Kettering College provides a unique learning opportunity for those interested in healthcare careers such as:

- Medicine
- Physician assistant
- Physical therapy
- Dentistry
- Pharmacy
- Optometry

Graduates with a B.S. in Human Biology can apply to the appropriate professional school to complete the required education for their chosen profession.



HUMAN BIOLOGY

BACHELOR OF SCIENCE

For more info see KC.edu/humanbio

About the Degree

The Bachelor of Science in Human Biology at Kettering College prepares students for professional or graduate studies focused on the human organism. The curriculum of the Human Biology major emphasizes both the biological and chemical sciences while providing a background in the social sciences and humanities. Our association with the Kettering Health Network also provides students with shadowing, research, and other co-curricular opportunities within the hospital setting.

Students preparing for entrance into various healthcare related professional schools will find that the Bachelor of Science in Human Biology provides an excellent preparation for these goals. After graduation from the Human Biology program, students may apply to professional or graduate school to complete their education.

Admission Recommendations

The B.S. in Human Biology emphasizes the sciences. Students who thrive in the Human Biology program have a passion for learning new information and ideas. The following is a list of qualities students prepared for success within the Human Biology program will possess upon entrance into the program:

- Minimum one year each of biology, chemistry, and physics
- Minimum two years of college-preparatory mathematics
- Strong performance in advanced courses are historical indicators of success in the program (e.g. advance placement or dual enrollment courses)

Admission Requirements

Human Biology applicants must meet all Kettering College admission criteria listed at www.kc.edu/admissions.

High school students:

- Minimum cumulative high school GPA of 3.3 (unweighted)
- ACT composite \geq 23 OR SAT combined \geq 1130
- Score of \geq "70" on the Math Placement Exam

Transfer students:

- Cumulative college GPA of \geq 3.0
- Score of \geq "70" on the Math Placement Exam OR Transfer credit equivalent to MATH 105 or above

Progression and Graduation Requirements

To graduate with a B.S. in Human Biology, students must achieve a grade of C or above in all required courses and maintain a cumulative overall GPA of at least 2.0. Admission into most professional or graduate schools is highly competitive. Therefore, to increase their probability of acceptance, students should demonstrate their academic success with a high GPA (i.e. $>$ 3.5).

Approval & Accreditation

Kettering College is accredited by the Higher Learning Commission (HLC), approved by the Adventist Accrediting Association (AAA), and authorized by the Ohio Department of Higher Education. The Bachelor of Science in Human Biology degree is accredited by the North Central Association of Colleges and Schools.



HUMAN BIOLOGY

BACHELOR OF SCIENCE

FIRST YEAR		FALL	WINTER
BIOL 105	Foundations of Biology I with Lab	4	
CHEM 121	General Chemistry I with Lab	4	
MATH 165	College Algebra and Trigonometry	3	
HIST XXX	History Sequence I	3	
RELB 101	Seventh-day Adventist Beliefs and the Healing Ministry of Christ	3	
KETC 100	Strategies of Success - Freshman Seminar	0	
BIOL 110	Foundations of Biology II with Lab		4
CHEM 122	General Chemistry II with Lab		4
MATH 220	Calculus I		3
HIST XXX	History Sequence II		3
ENGL 101	Writing and Rhetoric I		3
BIOL 130	Career Explorations		1
TOTAL		17	18

SECOND YEAR		FALL	WINTER
BIOL 210	Human Anatomy with Lab	4	
CHEM 221	Organic Chemistry I with Lab	4	
PSYC 112	General Psychology	3	
COMM 215	Introduction to Human Communication	3	
RELP 254	Morality and Medicine	3	
BIOL 335	Genetics with Lab		4
CHEM 222	Organic Chemistry II with Lab		4
SOCI 115	Sociology		3
ENGL 218	Writing and Research in the Sciences		3
BIOL 200	Sophomore Seminar in Human Biology		2
PEAC 178	Wellness		1
TOTAL		17	17

THIRD YEAR		FALL	WINTER
BIOL 305	Human Physiology with Lab	4	
BIOL 315	Molecular Biology with Lab	4	
PHYS 141	General Physics I with Lab	4	
RELX XXX	Religion elective	3	
XXX	Humanities Group II Elective	3	
XXX	Major Elective		3-4
BIOL 341	Biochemistry I with Lab		4
PHYS 152	General Physics II with Lab		4
MATH 215	Probability and Statistics		4
BIOL 300	Junior Seminar in Human Biology		1
TOTAL		18	16-17

FOURTH YEAR		FALL	WINTER
XXX	Major Elective	3-4	
XXX	Major Elective	3-4	
BIOL 405	Capstone Thesis	3	
XXX	Humanities Group II Elective	3	
HESC XXX	Required HESC Course	3	
PEAC XXX	Physical Education Elective	1	
XXX	Major Elective		3-4
XXX	Major Elective		3-4
XXX	Social Sciences Elective		3
RELP 316	Spirituality in Healing and Health Care		3
BIOL 400	Senior Seminar in Human Biology		1
TOTAL		16-18	13-15
TOTAL CREDITS FOR DEGREE		132-137	