Human Biology

Bachelor of Science degree

About the Profession

Designed and taught by faculty who want to prepare you for whatever health-related profession you seek, the human biology degree at Kettering College offers a unique learning opportunity for persons interested in health-related careers such as:

- **Medicine**
- **Dentistry**
- **Physician assistant**
- **Physical therapy**
- **Occupational therapy**
- **Speech therapy**

Graduates with a human biology degree can apply to a professional school or university to complete the required graduate study necessary for entry into their chosen profession.

About the Degree

The Bachelor of Science with a major in human biology at Kettering College is a versatile degree that provides the student with extensive preparation for graduate or professional studies in any field that works with the human organism. While the natural sciences are emphasized, students receive a thorough background in social sciences, cultural studies, and the humanities. In addition, graduates in human biology have an understanding of health care disciplines and the qualifications they demand.

Students interested in medicine, dentistry, physician assistant studies, physical therapy, occupational therapy, speech therapy, and other health-related professions that require baccalaureate or graduate degrees will receive a thorough preparation for admission to professional school by completion of the four-year program of study. Upon completion of the four-year program of study at Kettering College, the student may apply to a professional school or university to complete the required graduate study necessary for entry into the chosen profession.

Admission to most professional schools in health-related fields is highly competitive. To increase the probability of acceptance into the professional school of choice, students should maintain high grades (B+ or A- average) while at Kettering College.

Approval and Accreditation

Kettering College is accredited by the North Central Association of Colleges and Schools, approved by the Seventh-day Adventist Board of Regents, and authorized by the Ohio Board of Regents. The Bachelor of Science in human biology degree is accredited by the North Central Association of Colleges and Schools.

Admission Basics

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

Profile of a Successful Human Biology Major

A student prepared for success in the human biology major has:

- A high school GPA of 3.00 or greater
- One year each of high school biology, chemistry, and physics
- At least two years of high school college-preparatory mathematics

In order to follow the suggested course of study, students must score at least 70 percent on the math placement test or provide transfer credit equivalent to MATH 105.

Requirements for Graduation

A grade of C or above must be achieved in all required major courses, major elective courses, and required cognate courses, and the student must maintain a cumulative grade point average of at least 2.0 (C) in order to graduate with a major in human biology.

For more information, see www.KC.edu/humanbio or call (937) 395-8601 ext. 55658.

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Kettering College
Kettering Medical Center

Find us on:

Bachelor of Science in Human Biology

Suggested Course of Study

First Year

		Fall	Winter
BIOL 105	Foundations of Biology I with lab	4	
CHEM 125	General Chemistry I with lab	4	
HIST XXX	History Sequence I	3	
MATH 165	College Algebra and Trigonometry	3	
PEAC 178	Wellness	1	
RELB110	Biblical Resources for Understanding Health Care	2	
BIOL 110	Foundations of Biology II with lab		4
CHEM 136	General Chemistry II with lab		4
ENGL 105	Academic Discourse I		3
HIST XXX	History Sequence II		3
BIOL 130	Career Explorations		1
RELB XXX	Religion elective (Spiritual Foundations)		2
	TOTALS	**17**	**17**

Second Year

		Fall	Winter
XXX	Humanities Group II elective	3	
CHEM 211	Organic Chemistry I with lab	4	
COMM 214	Speech Communication	3	
PHYS 141	General Physics I with lab	4	
PSYC 112	General Psychology	3	
XXX	Humanities Group II elective		3
CHEM 222	Organic Chemistry II with lab		4
ENGL 218	Writing and Research in the Sciences		3
PHYS 152	General Physics II with lab		4
SOCI 115	Sociology		3
	TOTALS	**17**	**17**

Third Year

		Fall	Winter
XXX	Major elective	3-4	
BIOL 315	Molecular Biology with lab	4	
BIOL 430	Seminar in Biology	1	
GSCI 410	History and Philosophy of Science	3	
MATH 215	Probability and Statistics	4	
RELX XXX	Religion elective	2	
XXX	Major elective		4
XXX	Major elective		4
BIOL 340	Biochemistry with lab		4
BIOL 430	Seminar in Biology		1
PEAC XXX	Physical education elective		1
RELX XXX	Religion elective		2
	TOTALS	**17-18**	**16**

Fourth Year

		Fall	Winter
XXX	Upper division general electives	3-4	
XXX	Major elective	3-4	
BIOL 430	Seminar in Biology	1	
HESC XXX	Required HESC cognate course	3	
RELP 253	Morality and Medicine	2	
XXX	Upper division general electives		3
BIOL 325	Environmental Science		3
BIOL 335	Genetics with lab		4
BIOL 430	Seminar in Biology		1
RELP 315	Spirituality in Healing and Health Care		2
SOCI 3XX	Upper division sociology course		3
	TOTALS	**12-14**	**16**

KETTERING COLLEGE
KETTERING MEDICAL CENTER

3737 Southern Blvd. Kettering, OH 45429
www.KC.edu (800) 433-5262

Learn more about Kettering College's human biology degree at www.KC.edu/humanbio