

Post-Baccalaureate Certificate in Health Sciences

KU's Post-Baccalaureate Certificate in Health Sciences helps traditional and non-traditional students complete upper-level undergraduate biology and biotechnology courses. The curriculum allows students who hold a bachelor's degree to grow in areas where academic strengthening is needed, develop clinical reasoning skills, and acquire additional training to begin or advance a career in health sciences or biotechnology.

This program focuses on developing health science, biotechnology and research science knowledge and skills, which apply toward admission to medical school, as well as a wide variety of health or biotechnology-related careers, depending on the academic track chosen.

Admission to KU

Consult the Office of Admissions (<http://admissions.ku.edu/>) for application deadlines and specific admission requirements.

Visit the International Support Services (<http://www.iss.ku.edu/>) for information about international admissions.

Students considering transferring to KU may see how their college-level course work will transfer on the Office of Admissions (<http://credittransfer.ku.edu/>) website.

Admissions criteria:

The Post-Baccalaureate Certificate in Health Sciences is available to students who already hold a bachelor's degree and passed the following prerequisite courses with a 2.7 GPA or better: General Biology I with a lab and General Chemistry I and II with a lab (Physics I with a lab and General Biology II are recommended).

Admissions Requirements:

The Post-Baccalaureate Certificate in Health Sciences is available to students who already hold a bachelor's degree with a 2.7 GPA or better and passed the following prerequisite courses: General Biology I with a lab and General Chemistry I and II with a lab (Physics I with a lab and General Biology II are recommended).

Health Science Track

Code	Title	Hours
Required Core Courses: (13 credit hours)		
BSCI 350	Genetics	4
BSCI 400	Microbiology	3
BSCI 416	Cell Structure and Function	3
BSCI 600	Biochemistry	3
Required Pathways in Health Courses:		
HSCI 498	Pathways in Health Science Careers	1
HSCI 499	Topics in Health Sciences: _____	1-3
Electives: (12-15 credit hours; 4-5 courses)		
BSCI 351	Genetics Laboratory	3
BSCI 401	Microbiology Laboratory	3
BSCI 417	Developmental Biology	3

BSCI 435	Neurobiology	3
BSCI 503	Immunology	3
BSCI 506	Bacterial Infectious Diseases	3
BSCI 512	Virology	3
BSCI 546	Mammalian Physiology	3
BSCI 601	Biochemistry Laboratory	2
HSCI 495	MCAT Preparation Course	4
Total Credit Hours: 28-30		

Research Science Track

Code	Title	Hours
Required Core Courses: (19 credit hours)		
BTEC 300	Research Methods in Biotechnology	3
BTEC 305	Molecular and Microbiological Techniques	4
BTEC 400	Applied Immunology	3
BTEC 475	Applied Separation Science and Quantitative Analysis	6
BTEC 494	Selected Topics in Biotechnology: _____	1
BSCI 600	Biochemistry	3
Required Pathways in Health Courses:		
HSCI 498	Pathways in Health Science Careers	1
HSCI 499	Topics in Health Sciences: _____	1-3
Elective Courses: (8-12 credit hours, 3-4 Courses)		
BSCI 350	Genetics	4
BSCI 416	Cell Structure and Function	3
BSCI 435	Neurobiology	3
BSCI 506	Bacterial Infectious Diseases	3
BSCI 512	Virology	3
BSCI 546	Mammalian Physiology	3
BSCI 601	Biochemistry Laboratory	2
HSCI 495	MCAT Preparation Course	4
Total Credit Hours: 29-30		

Health Science Track

Year 1		
Fall	Hours Spring	Hours
BSCI 350	4 BSCI 400	3
BSCI 600	3 Elective	3
HSCI 498	1 HSCI 499	2
Elective	3 Elective	3
BSCI 416	3 Elective	3
14		14
Total Hours 28		

Research Science Track

Year 1		
Fall	Hours Spring	Hours
BTEC 300	3 BTEC 400	3
BSCI 600	3 BTEC 475	6
HSCI 498	1 HSCI 499	1
Elective	4 BTEC 494	1

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BTEC 305	4 Elective	4
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	15	15
Total Hours 30		