



EKU Major: Biomedical Science

Option: Pre-Med

Date Created: 8/28/25

The equivalency information provided in this pathway is relative to the date created and not a guarantee of applicability. For the most updated information, work directly with EKU OATS

KCTCS ASSOCIATE IN SCIENCE PATHWAY

AS General Education Requirements (39/33 hours)

Communication Block (9 hours)

		Cr	Term	EKU Eq.
Written Communication (6)	ENG 101: Writing I (3)	3	☐	ENG 101
	ENG 102: Writing II (3)	3	☐	ENG 102
Oral Communication (3)	Any Oral Communication Course	3	☐	TBD

Arts & Humanities Block (6 hours)

Heritage (3)	Any Heritage Course	3	☐	TBD
Humanities (3)	Any Humanities Course	3	☐	TBD

Social & Behavioral Science Block (6 hours)

Social & Behavioral Sciences (6) *Two disciplines must be represented and different from Arts & Humanities	PSY 110: General Psychology (3)	3	☐	PSY 200
	SOC 101: Introduction to Sociology (3)	3	☐	SOC 131

Natural Science Block (3 hours)

Natural Sciences (3)	BIO 114: Major Discoveries in Biology (3) or BIO 150 Principles of Biology I (3)	4	☐	BIO 111
Natural Science Lab	BIO 115: Biology Laboratory I* (1) or BIO 151 Principles of Biology Lab I 2)	1	☐	BIO 111L

Quantitative Reasoning Block (3 hours)

Quantitative Reasoning (3)	MAT 150: College Algebra (3)	5	☐	MAT 234
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AS General Education Certification (6 hours)

Natural Sciences (3)	CHE 170:175: General College Chemistry & Lab I (5)	5	☐	CHE 111 & CHE 1
Quantitative Reasoning (3)	MAT 155: Trigonometry (3) & MAT 150 (taken above)	3	☐	MAT 122

Associate in Science Major Requirements (8/6 hours)

AS Major Component (6 hours)

Natural Sciences OR	CHE 180/185: General College Chemistry & Lab II (5)	5	☐	CHE 112 & 112L
Quantitative Reasoning (6)	STA 220 Statistics	3	☐	STA 215

Elective Courses (14/21 hours)

Digital Literacy (3)	CIT 105: Introduction to Computing (3)	3	☐	INF 104
College Success Course (3)	ANY	3	☐	GSD X100
Guided Electives (15+)	CHE 170: General College Chemistry Lab I (1)	1	☐	CHE 112L
	BIO 116: Biology II (3) or BIO 152 Principles of Biology I I(3)	1	☐	BIO 112
	BIO 117: Biology Laboratory II* (1) or BIO 153 Principles of Biology Lab II (2)	1	☐	BIO 112L
	PHY 201/202: College Physics I (5)	5	☐	PHY 131
	OR CHE 270 Organic Chemistry I (3) and CHE 275 (2)		☐	or CHE 361 & 361
	Carry-over from above (6)		☐	

61/60 College Credit Hours

Advising Notes

Individuals who are transfer students or wish to change their major must have attained a minimum GPA of 3.00 overall on a minimum of 24 hours attempted. Entering freshmen and transfer students who do not meet the minimum requirements are encouraged to enroll in the Biology BS Degree program with a General Biology Concentration until qualified to transfer into the program. Progression Policy

The Biomedical Sciences degree program limits the number of major core, concentration, and supporting courses which may be repeated. Students are allowed only one repeat per major course and a total of not more than two repeats in all major courses combined. In addition, a supporting course may be repeated only once.

To remain in the Biomedical Sciences degree program, a student must maintain an EKU GPA and overall GPA of 3.0 with a grade of "C"/2.0 or better in each of the supporting and major courses of the curriculum. Students who fail to maintain a 3.0 GPA will be removed from the BMS program and placed in the Biology B.S. program, General Biology Concentration.