



EKU Major: BS Computer Science
Option: Algebra based

Date Created: 9/25/25

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 (36/33 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	Any Social & Behavioral Science Course	3	☐	TBD
	Any Social & Behavioral Science Course	3	☐	TBD

Natural Science Block (3 hours)

Natural Sciences (3)	BIO 150: Principles of Biology I (3)	3	☐	TBD
Natural Science Lab	BIO 151: Principles of Biology Laboratory I* (2)	2	☐	

Quantitative Reasoning Block (3 hours)

Quantitative Reasoning (3)	MAT 150: College Algebra (3)	3	☐	MAT 114
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AS General Education Certification (6 hours)

Natural Sciences (3)	GLY 101: Physical Geology (3) & GLY 111 Physical Geology Lab (1)	4	☐	TBD
Quantitative Reasoning (3)	MAT 155: Trigonometry (3)	3	☐	MAT 120

Associate in Science Major Requirements (9/6 hours)

AS Major Component (6 hours)

Natural Sciences OR	STA 291: Statistical Method (3) or STA 296 Statistical Methods and Motivations	4	☐	STA 270
Quantitative Reasoning (6)	MAT 175: Calculus I (5)	5	☐	MAT 234

Elective Courses (17/21 hours)

Digital Literacy (3)	CIT 105: Introduction to Computing (3)	3	☐	INF 104
College Success Course (3)	ANY	3	☐	GSD X100
Guided Electives (15+)	MAT 185 Calculus II (5)	5	☐	MAT 244
	Free electives taken at EKU*	6	☐	
			☐	
			☐	
			☐	

62/60 College Credit Hours

Advising Notes

*Students are encouraged to sign up for the Colonel Connection in order to be concurrently enrolled in CSC 185 and CSC 190 their last semester prior to transfer.