



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 (40/33 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 175: Calculus I (5)	5	☐	MAT 234
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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 185: Calculus II (5)	5	☐	MAT 244

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 185: Calculus II (5)	5	☐	MAT 234

Elective Courses (11/21 hours)

Digital Literacy (3)	CIT 105: Introduction to Computing (3)	3	☐	INF 104
College Success Course (3)	ANY	3	☐	GSD X100
Guided Electives (15+)	FREE Electives to reach 60 hours	5	☐	TBD
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60/60 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 during their last semester prior to transfer.