



EKU Major: BS Environmental and Applied Geology Date Created: 10/3/25

Option:

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 (35/33 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)	GLY 101: Physical Geology (3)	3	☐	GLY 108
Natural Science Lab	GLY 111: Laboratory for Physical Geology* (1)	1	☐	

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)	Any Natural Science Course	4	☐	TBD
Quantitative Reasoning (3)	MAT 155: Trigonometry (3) & MAT 150 College Algebra (3)	3	☐	MAT 122

Associate in Science Major Requirements (9/6 hours)

AS Major Component (6 hours)

Natural Sciences OR	CHE 170: General College Chemistry I (4) & CHE 175 CHE Lab I (1)	5	☐	CHE 111 & 111L
Quantitative Reasoning (6)	PHY 151: Introductory Physics I (3) & PHY 161 Physics Lab (1)	4	☐	PHY 101

Elective Courses (16/21 hours)

Digital Literacy (3)	CAD 100: Intro to Computer Aided Drafting (3)	3	☐	AEM 195
College Success Course (3)	ANY	3	☐	GSD X100
Guided Electives (15+)	GLY 101 Physical Geology (3) & GLY 111 Physical Geology Lab (1)	4	☐	GLY 108
	GLY 110 Environmental Geology (3)	3	☐	GLY 303
	Choose from:		☐	
	*GEO 130 = GEO 210 OR	3	☐	
	*GIS 120 = GEO 353 OR		☐	
	*BIO 120 = GEO 302		☐	
			☐	

60/60 College Credit Hours

Advising Notes

Students taking both MAT 150 & MAT 155, will receive credit for MAT 122. Other MAT options are MAT 160 OR 171.