

PROGRAM ARTICULATION DEGREE PLAN					
Shawnee Community College		2019-2020	Southern Illinois University Carbondale		
AS General- 64 hrs			BS Crop, Soil & Environmental Management (CSEM) Soil Science (Science) Specialization - 120 hrs		
		Hrs			Hrs
			UNIV 101	Saluki Success	NA
ENG 111	English Composition I	3	ENGL 101	English Composition I	T
ENG 112	English Composition II	3	ENGL 102	English Composition II	T
SPC 111	Speech	3	CMST 101	Intro to Oral Communication	T
MAT 116	College Algebra	4	MATH 108	College Algebra	T
MAT 118	Trigonometry	2	MATH 109	Trig & Analytic Geometry	T
AGR 116	Agricultural Economics	3	ABE 204	Economics of Food, Fiber & Natural Resources	T
	Social Science Elective	3	SOCIAL SCIENCE	See SIUC Transfer Equivalency Guide	T
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	Humanities Elective	3	HUMANITIES	See SIUC Transfer Equivalency Guide	T
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CHE 114	Inorganic Chemistry	5	CHEM 200 -and- CHEM 201	Intro to Chemical Principles w/Lab	T
BIO 213	Botany	4	PLB 200	General Plant Biology	T
CHE 115	Inorganic Chemistry-Qual Analy	5	CHEM 210 -and- CHEM 211	General & Inorganic Chemistry w/Lab	T
	Fine Arts Elective	3	FINE ARTS	See SIUC Transfer Equivalency Guide	T
			HUMAN HEALTH		NA
			MULTICULTURAL		NA
		47			
			An Associate of Science from a regionally accredited Illinois community college satisfies UCC requirements		
<b>Program Requirements</b>			<b>Program Requirements</b>		
Elective		1	Any unarticulated course(s) will be used to satisfy general electives.		
AGR 112	Intro to Crop Science	4	CSEM 200	Intro to Crop Science	T
AGR 113	Intro to Soil Science	4	CSEM 240	Soil Science	T
MAT 215	Applied Calculus: Bus/Social Science	4	MATH 140	Short Course in Calculus	T
PHY 116	College Physics I	4	PHYS 203A -and- 253A	College Physics w/Lab	T
		17			
			CHEM 340	Organic Chemistry I	3
			CHEM 341	Organic Chemistry Lab I	2
			CHEM 350	Intro to Biological Chemistry	3
			PHYS 203B	College Physics	3
			CSEM 381	Plant & Soil Science Seminar	1
			CSEM 441	Soil Morphology & Classification	3
			CSEM 442	Soil Physics	3
			CSEM 443	Soil Management	3
			CSEM 446	Soil & Water Conservation	3
			CSEM 447	Fertilizers & Soil Fertility	3
			CSEM 448	Soil Fertility Evaluation	2
			CSEM 454	Soil Microbiology	4
			CSEM Courses	300- or 400-level	6
			AGSE 472	Precision Agriculture	3
			GEOG 434	Water Resources Hydrology	3
			Electives		11
					56
<b>Total semester hrs completed w/ AS degree:</b>		<b>64</b>	<b>Total semester hrs completed w/ BS degree:</b>		<b>120</b>
			<b>Total hrs to BS Degree:</b>		<b>120</b>