

PROGRAM ARTICULATION DEGREE PLAN				
Illinois Valley Community College	2019-2020		Southern Illinois University Carbondale	
AAS Agronomy - 61 Hours			BS Crop, Soil & Environmental Management (CSEM) Soil Science (Science) Specialization - 120 Hours	
			University Core Curriculum (UCC) Capstone Option - 30 hrs	
		Hrs		Hrs
			UNIV 101	Saluki Success
ENG 1001	English Composition I	3	ENGL 101	English Composition I
			ENGL 102	English Composition II
SPH 1001	Fundamentals of Speech	3	CMST 101	Intro to Oral Communication
MTH 1003	College Algebra	4	MATH 108	College Algebra
SOCIAL SCIENCES	See SIUC Transfer Equivalency Guide	3	SOCIAL SCIENCE	See SIUC Transfer Equivalency Guide
AGR 1001	Introductory Agricultural Economics	3	ABE 204	Intro Econ of Food, Fiber & Natural Resources
HUMANITIES/FINE ARTS	See SIUC Transfer Equivalency Guide	3	HUMANITIES	See SIUC Transfer Equivalency Guide
			HUMANITIES	NA
			CHEM 200/201	Intro to Chemical Principles w/Lab
			PLB 200	General Plant Biology
			FINE ARTS	3
			HUMAN HEALTH	NA
			MULTICULTURAL	3
		19		14
Program Requirements			Program Requirements	
AGR 1202	Intro to Agricultural Industry	2	Any unarticulated courses will be used to satisfy general elective credit.	
AGR 1212	Agriculture Sales	3		
AGR 1213	Agricultural Internship	3		
AGR 1214	Agricultural Internship Seminar	1		
Agricultural Elective		3		
AGR 1000	Intro to Field Crop Science	4	CSEM 200 (Required for BS degree)	Intro to Crop Science
AGR 1002	Intro to Agriculture Mechanics	3	AGSE 170	Intro to Ag Technologies
AGR 1004	Microcomputer Applications in Agriculture	3	AGSE 318	Computers in Agriculture
AGR 1005	Introductory Soil Science	4	CSEM 240 (Required for BS degree)	Soil Science
AGR 1200	Intro to Agricultural Business Management	3	ABE Elective	T
AGR 1206	Intro to Precision Agriculture	4	AGSE Elective	T
AGR 1209	Crop Production & Management	3	CSEM 200 or CSEM Elective	T
AGR 1217	Soil Fertility & Fertilizers	3	CSEM Elective	T
AGR 1218	Crop Pest Management	3	CSEM Elective	T
		42		
			CHEM 210/211	General & Inorganic Chemistry w/Lab
			CHEM 340/341	Organic Chemistry I w/Lab
			CHEM 350	Intro to Biological Chemistry
			AGSE 472	Precision Agriculture
			GEOG 434	Water Resources Hydrology
			MATH 109	Trigonometry & Analytic Geometry
			MATH 140	Short Course in Calculus
			PHYS 203A -and- 203B	College Physics
			PLB 320	Elements of Plant Physiology
			CSEM 381	Plant and Soil Science Seminar
			CSEM 409	Crop Physiology
			CSEM 441	Soil Morphology & Classification
			CSEM 442	Soil Physics
			CSEM 443	Soil Management
			CSEM 446	Soil & Water Conservation
			CSEM 447	Fertilizers and Soil Fertility
			CSEM 448	Soil Fertility Evaluation
			CSEM 454	Soil Microbiology
			CSEM Electives	Choose from any 300/400-level CSEM courses not already taken
			*Credit from all areas must total 42 hours of 300/400 level courses	
				66
Total semester hrs completed with AAS degree:		61	Total semester hrs completed with BS degree:	80
			Total semester hrs to BS degree:	141