Southern Illinois University CARBONDALE

B.S. Agricultural Systems & Education: Food & Process Engineering Technology
2020-2021 Major Map for First Time College Student

Course and Title	Sem. Hours	Min. Grade	Course and Title	Sem. Hours	Min. Grade
YEAR ONE – Semester 1			**YEAR ONE – Semester 2**		
UNIV 101, Saluki Success	1.0		ENGL 101, English Composition I	3.0	C
UCC Fine Arts	3.0		CMST 101, Intro to Oral Communication	3.0	
MATH 108, College Algebra	3.0		MATH 109, Trig and Analytical Geometry	3.0	
BIOL 211, Intro to Cell Biology and Genetics	4.0		ABE 318, Agbusiness Statistical Methods	3.0	
UCC Human Health	2.0		BIOL 213, Intro Organismal Form Function	4.0	
	13.0			**16.0**	
YEAR TWO – Semester 1			**YEAR TWO – Semester 2**		
ENGL 102, English Composition II	3.0	C	CHEM 140B, Chemistry	4.0	
ABE 204, Food, Fiber, & Natural Resources	3.0		MICR 201, Elementary Microbiology	4.0	
CHEM 140A, Chemistry	4.0		PHYS 203B, College Physics	3.0	
UCC Social Science	3.0		UCC Humanities	3.0	
PHYS 203A, College Physics	3.0		UCC Multicultural	3.0	
	16.0			**17.0**	
YEAR THREE – Semester 1			**YEAR THREE – Semester 2**		
ACCT 210, Accounting Principles & Control	3.0		AGSE 375, Intro to Ag Systems	3.0	
UCC Humanities	3.0		AGSE 473, Agricultural Automation	3.0	
AGSE 374, Applied Graphics	3.0		AGSE 431, International Ag Systems	3.0	
General Elective	3.0		AGSE 361, Intro to Control Programming	3.0	
General Elective	3.0		AGSE 318, Computers in Agriculture	3.0	
	15.0			**15.0**	
YEAR FOUR – Semester 1			**YEAR FOUR – Semester 2**		
AGSE 483, Ag Processing Systems	3.0		AGSE 495, Food & Pharma Packaging	3.0	
AGSE 488, Food Engineering Technology	3.0		AGSE 489, Brewing and Distilling	3.0	
IMAE 475, Quality Control	3.0		AGSE 497, Ag Operations Management	3.0	
General Elective	3.0		General Elective	3.0	
General Elective	2.0		General Elective	2.0	
	14.0			**14.0**	

Total Hours: 120

Academic policies as well as degree and major-specific requirements can be found at *catalog.siu.edu.* All students are encouraged to meet with the academic advisor on a regular basis to ensure timely progress to degree.

University Core Curriculum (UCC) is satisfied with the transfer of an Associate of Art or Science (AA or AS) degree or the completion of the Illinois Articulation Initiative-General Education Core Curriculum (IAI-GECC) from an Illinois community college.