

PROGRAM ARTICULATION DEGREE PLAN				
John A. Logan College		2021-2022		Southern Illinois University Carbondale
AS Mathematics - 69 hrs				BS Mathematics (MATH) - 120 hrs
				University Core Curriculum (UCC) - 39 hrs*
		Hrs		Hrs
			UNIV 101	Foundations of Inquiry
COM 115	Speech	3	CMST 101	Intro:Oral Communication
ENG 101 or ENG 113	English Composition I or Professional Technical Writing	3	ENGL 101	English Composition I
ENG 102	English Composition II	3	ENGL 102	English Composition II
MAT 131	Calculus I	5	MATH 150	Calculus I
	IAI Humanities	3	HUMANITIES	See SIUC Transfer Equivalency Guide
			HUMANITIES	
	IAI Social Science	3	Social Science	See SIUC Transfer Equivalency Guide
	IAI Social Science	3	Social Science	See SIUC Transfer Equivalency Guide
	IAI Fine Arts	3	FINE ARTS	See SIUC Transfer Equivalency Guide
PHY 205	University Physics I	5	PHYS 205A -and- 255A	University Physics w/Lab
BIO 101	Biological Science for Science Majors I	4	BIOL 211	Intro Cell Biology & Genetics
			HUMAN HEALTH	
			MULTICULTURAL	
		35		
			*An AS from a regionally accredited Illinois community college satisfies UCC requirements	
Program Requirements		Program Requirements		
Foreign Languages		8	Any courses not articulated will be used to satisfy general elective credit	
ORI 100	College 101	1		
CPS 206	Computer Science I	4	CS 202	Intro to Computer Science
MAT 201	Calculus II	5	MATH 250	Calculus II
MAT 202	Calculus III	5	MATH 251	Calculus III
MAT 205	Intro to Differential Equations	3	MATH 305 (Group C)	Intro to Differential Equations
MAT 221	Linear Algebra	3	MATH 221	Intro to Linear Algebra
PHY 206	University Physics II	5	PHYS 205B -and- 255B	University Physics w/Lab
		34		
			COS: Biological Sciences	3
			COS: Physical Sciences	3
			MATH 302	Math Communication & Transition to Higher Math
			Group A	Choose from: MATH 319, 349, 419 -or- 421
			Group B	Choose from: MATH 352, 450 -or- 455
			Group D-E	Choose from: MATH 335, 380, 433, 480 -or- 483
			Four additional courses in mathematics numbered above	
			MATH 299 (excluding MATH 300I, MATH 311A, MATH 311B, MATH 321, MATH 322, MATH 388, MATH 389, MATH 411, MATH 412)	Four Math courses at 300/400 level
			General Electives	300/400 levels as necessary to meet 42 senior hrs requirement
				12
				21
Total semester hrs completed w/AS degree		69	Total semester hrs completed w/BS degree	51
			Total hours to BS degree:	120
Degree Plan updated on 3/29/2021 by SG				