

TRANSFER GUIDE

AS Mathematics transferring into BS Mathematics

John A Logan College Courses			
AS Mathematics – 69 hours			
ENG 101/113-3	English Comp I/Profesnl Tech Writing	BIO 101-4	Biological Science for Science Majors I
ENG 102-3	English Composition II	Foreign Lang-8	
COM 115-3	Speech	CPS 206-4	Computer Science I
MAT 131-5	Calculus I	MAT 201-5	Calculus II
Elective-3	IAI Humanities	MAT 202-5	Calculus III
Elective-3	IAI Social Science	MAT 205-3	Intro to Differential Equations
Elective-3	IAI Social Science	MAT 221-3	Linear Algebra
Elective-3	IAI Fine Arts	PHY 206-5	University Physics II
PHY 205-5	University Physics I	ORI 100-1	College 101
Southern Illinois University Carbondale Courses			
BS Mathematics (MATH) – 51 hours			
COS Course-3	Biological Sciences	Group B-3	1 of MATH 352, 450 or 455
COS Course-3	Physical Sciences	Group D-E-3	1 of MATH 335, 380, 433, 480 or 483
MATH 302-3	Math Comm & Transition Higher Math	MATH Crses-12	300/400 level selected from list
Group A-3	1 of MATH 319, 349, 419 or 421	Electives-21	General Electives 300/400 level
Total Hours to Bachelor Degree: 120 Hours			

Questions? Contact Us!

Salary Range: \$51,000-\$78,000

Possible Careers: Data Scientist
Statistician
Operations Research
Actuary

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Baccalaureate Degree Requirements

Each candidate for a bachelor's degree must complete the requirements listed:

Hour Requirements. Student must complete at least 120 semester hrs of credit. Each student must have at least 42 hrs in courses that number 300 or above from a four-year institution.

Residence Requirements. Student must complete the residency requirement by taking a total of 42 semester hrs at SIU Carbondale.

Grade Point Average Requirements. Student must have a C average for all work taken at SIU Carbondale. Some academic programs may require a higher graduating major GPA.

Compact Agreement

SIU Carbondale has recognized Illinois regionally accredited community college transferable baccalaureate-oriented Associate of Arts or Associate of Science degrees under the Compact Agreement since 1970. SIUC will continue to recognize the baccalaureate oriented associate degree (A.A. or A.S. degree) under the Illinois Articulation Initiative as satisfying SIU University Core Curriculum (UCC) requirements. The Associate of Applied Science (A.A.S.), Associate in Engineering Science (A.E.S.), the Associate in General Studies (A.G.S.), and the Associate in Fine Arts (A.F.A.) are not covered under the Compact Agreement and do not carry the same benefits as the A.A. and A.S. degrees.

Saluki Transfer Pathways

[Saluki Transfer Pathways](#) is the university's dual admission program that allows baccalaureate-oriented students at eligible community colleges intending to transfer to SIU Carbondale to benefit from early admission and pre-advisement for a baccalaureate program at SIUC. Saluki Transfer Pathways allows students to be conditionally admitted to SIU Carbondale up to two years in advance of their intended transfer term so they have access to transfer credit evaluation and the university's degree audit system. This allows students to address major specific requirements that may not be automatically fulfilled with the completion of an associate degree. Students apply to Saluki Transfer Pathways by completing the Application for Undergraduate Admission and indicating an interest in the program. To participate, students must have at least two semesters remaining at their community college, [must attend an eligible community college](#), and [must select a participating SIU major](#). Direct questions about the Saluki Transfer Pathways program to transfer@siu.edu.

DegreeWorks

DegreeWorks is an easy-to-use, online degree audit tool specifically designed for students. Once admitted to SIU Carbondale, you can use it monitor your progress toward your degree in [Salukinet](#).

Saluki Transfer Estimator Portal (STEP)

The [Saluki Transfer Estimator Portal](#) (STEP) is a web-based tool that integrates institutional course equivalency and degree audit data to provide an unofficial credit estimation and a more seamless transfer process. STEP gives transfer students a clear roadmap for timely degree completion by providing key information about how transfer credits apply to your intended program at SIU.

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	NA
	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	NA
			MULTICULTURAL	NA
		35		0
			*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
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				