

TRANSFER GUIDE

AS Mathematics Suggested Curriculum transferring into BS Mathematics

Kaskaskia College Courses			
AS Mathematics Suggested Curriculum – 65 hours			
GUID 109-1	First Year College Experience	Elective-3	Fine Arts
ENGL 101-3	English Composition	HLTH 102-3	Human Health & Wellness
ENGL 102-3	English Composition	CITA 110-1	Intro to Word Processing
COMM 103-3	Fundamentals of Speech Comm	MATH 166-5	Calculus & Analytical Geometry I
MATH 136-4	General Statistics	ENGR 201-3	Comp Programming for Engineers
PSYH 101-3	Psychology	MATH 236-3	Linear Algebra
Elective-3	Social/Behavioral Science	MATH 267-4	Calculus & Analytical Geometry II
PHLE 120-3	Ethics	MATH 268-4	Calculus & Analytical Geometry III
PHYS 201-5	University Physics I	MATH 269-3	Differential Equations
Elective-3	Biology Elective	PHYS 202-5	University Physics II
Southern Illinois University Carbondale Courses			
BS Mathematics (MATH) – 55 hours			
MATH 302-3	Math Comm Transitrn Highr Math	MATH Electives-18	Six Math courses at 300/400 level
Grp A Math Elc-3	MATH 319, 349, 419 or 421	Gen Electives-12	300/400 level
Grp B Math Elc-3	MATH 352, 450 or 455	Electives-13	To reach 120 hours
Grp D Math Elc-3	MATH 335, 380, 433, 480 or 483		
Total Hours to Bachelor Degree: 120 Hours			

Questions? Contact Us!

Salary Range: \$50,000-\$130,000

Possible Careers: Actuary
 Statistician
 Mathematician
 Data Analyst
 Financial Analyst
 Data Scientist
 K-12 Teacher
 College Professor

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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. 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					
Kaskaskia College	2024-2025		Southern Illinois University Carbondale		
AS Mathematics Suggested Curriculum - 65 hours			BS Mathematics (MATH) - 120 hours		
		Hrs	University Core Curriculum (UCC) - 39 hrs *		Hrs
			UNIV 101	Saluki Success	NA
COMM 103	Fundamentals of Speech Comm	3	CMST 101	Intro to Oral Communication	T
ENGL 101	English Composition	3	ENGL 101	English Composition I	T
ENGL 102	English Composition	3	ENGL 102	English Composition II	T
MATH 136	General Statistics	4	MATH 282	Intro to Statistics	T
PSYH 101	Psychology	3	PSYC 102	Intro to Psychology	T
	Social/Behavioral Science	3	SOCIAL SCIENCE	See SIUC Transfer Equivalency Guide	T
PHLE 120	Ethics	3	PHIL 104	Ethics	T
			HUMANITIES		NA
PHYS 201	University Physics I	5	PHYS 205A -and- 255A	University Physics w/Lab	T
	Biology	3	LIFE SCIENCE	See SIUC Transfer Equivalency Guide	T
	Fine Arts	3	FINE ARTS	See SIUC Transfer Equivalency Guide	T
HLTH 102	Human Health & Wellness	3	PH 101	Foundations of Human Health	T
			MULTICULTURAL		NA
		36			0
			*An AS from a regionally accredited Illinois community college satisfies UCC requirements		
Program Requirements			Program Requirements		
GUID 109	First Year College Experience	1	Any unarticulated courses will be used to satisfy general elective credit		
CITA 110	Intro to Word Processing	1			
ENGR 201	Computer Programming for Engineers	3	CS 202	Intro to Computer Science	T
MATH 166	Calculus & Analytical Geometry I	5	MATH 150	Calculus I	T
MATH 236	Linear Algebra	3	MATH 221	Intro to Linear Algebra	T
MATH 267	Calculus & Analytical Geometry II	4	MATH 250	Calculus II	T
MATH 268	Calculus & Analytical Geometry III	4	MATH 251	Calculus III	T
MATH 269	Differential Equations	3	MATH 305	Intro to Differential Equations	T
PHYS 202	University Physics II	5	PHYS 205B -and- 255B	University Physics w/Lab	T
		29			
			MATH 302	Mathematical Communication & Transition to Higher Math	3
			Group A: Algebra/Discrete Math/Linear Algebra:	Choose from: MATH 319, 349, 419 -or- 421	3
			Group B: Analysis:	Choose from: MATH 352, 450 -or- 455	3
			Group C: Applied Math/Numerical Analysis:	Fulfilled by MATH 305	NA
			Group D: Probability/Statistics or Group E: Geometry:	Choose from: MATH 335, 380, 433, 480 -or- 483	3
			MATH Electives at 300/400 level*	Choose 6 MATH courses numbered above 299**	18
			**Of the Math courses selected, a minimum of five 400-level courses are required		
			General Electives	300/400 level to reach 42 senior institution hours	12
			Electives	To reach 120 hours	13
			*Excluding MATH 300I, 311A, 311B, 321, 322, 388, 389, 411, 412		
					55
Total semester hrs completed with AS degree:		65	Total semester hrs completed with BS degree:		55
			Total semester hrs to BS degree:		120
Degree Plan updated on 6/14/24 by SG					