

## TRANSFER GUIDE

### AA Actuarial Science transferring into BS Mathematics Specialization

John A Logan College Courses			
AA Actuarial Science – 74 hours			
COM 115-3	Speech	ECO 201-3	Intro to Macroeconomics
ENG 101-3	English Composition I	CPS 176/206-4	Computer Science I
ENG 102-3	English Composition II	MAT 201-5	Calculus II
MAT 131-5	Calculus I	MAT 202-3	Calculus III
ECO 202-3	Intro to Microeconomics	MAT 205-3	Differential Equations
SPN 202-4	Intermediate Spanish II	MAT 221-3	Intro to Linear Algebra
BIO 100-4	Biology for Non-Sci Majors	SPN 201-4	Intermediate Spanish I
PHY 205-5	University Physics I	ACC 200-3	Financial Accounting I
Elective-3	Fine Arts/Humanities	ACC 201-3	Financial Accounting II
Elective-3	Fine Arts	ACC 202-3	Managerial Accounting
ORI 100-1	College 101		
Southern Illinois University Carbondale Courses			
BS Mathematics Actuarial Mathematics Specialization (MATH) – 47 hours			
Elective -3	Biological Sciences	MATH 302-3	Transition to Higher Math
Elective-3	Physical Sciences	MATH 400-4	Interest Thry Fin Derivatives
FIN 330-3	Introduction to Finance	MATH 401/402-6 -or-	Life Contingencies I & II
FIN 361-3	Mgmt of Business Finance	MATH 403/404-6	Loss Models I/II
Group A-3	Choose from: Math 319, 349, 421	MATH 474-3	Time Series
Group B-3	Choose from: Math 352, 450, 455	MATH 483-4	Math Stats in Engr & Sci
Group C-3	Choose from Math 305, 471, 472, 475	MATH 484-3	Applied Regression Analysis
MATH 300I-3	History of Mathematics		
Total Hours to Bachelor Degree: 121 Hours			

### Questions? Contact Us!

**Salary Range:** \$60,000-\$140,000

**Possible Careers:** Actuary  
Statistician  
Investment Strategist  
Financial Analyst  
Actuarial Analyst

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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](mailto: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				
<b>John A Logan College</b>		<b>2021-2022</b>		<b>Southern Illinois University Carbondale</b>
AA Actuarial Science - 74 hrs				BS Mathematics Actuarial Mathematics Specialization (MATH) - 120 hrs
				<b>University Core Curriculum (UCC) - 39 hrs*</b>
		<b>Hrs</b>		<b>Hrs</b>
COM 115	Speech	3	UNIV 101	Saluki Success
ENG 101	English Composition I	3	CMST 101	Intro to Oral Communication
ENG 102	English Composition II	3	ENGL 101	English Composition I
MAT 131	Calculus I	5	ENGL 102	English Composition II
ECO 202	Intro to Microeconomics	3	MATH 150	Calculus I
	IAI Social Science	3	ECON 240	Intro to Microeconomics
SPN 202	Intermediate Spanish II	4	SOCIAL SCIENCE	See <i>SIUC Transfer Equivalency Guide</i>
	IAI Fine Arts/Humanities	3	SPAN 201B	Intermediate Spanish
BIO 100	Biology for Non-Sci Majors	4	HUMANITIES	See <i>SIUC Transfer Equivalency Guide</i>
PHY 205	University Physics I	5	PLB 115	General Biology
	IAI Fine Arts	3	PHYS 205A/PHYS 255A	University Physics
			FINE ARTS	See <i>SIUC Transfer Equivalency Guide</i>
			HEALTH	NA
			MULTICULTURAL	See <i>SIUC Transfer Equivalency Guide</i>
		<b>39</b>		<b>0</b>
			<b>An Associate of Arts from a regionally accredited Illinois community college satisfies UCC requirements</b>	
<b>Program Requirements</b>			<b>Program Requirements</b>	
ORI 100	College 101	1	Any course not articulated will be used to satisfy general elective credit	
ECO 201	Intro to Macroeconomics	3	ECON 241	Intro to Macroeconomics
CPS 176 or 206	Computer Science I	4	CS 202	Intro to Digital Computation
MAT 201	Calculus II	5	MATH 250	Calculus II
MAT 202	Calculus III	3	MATH 251	Calculus III
MAT 205	Differential Equations	3	MATH 305	Intro to Differential Equations
MAT 221	Intro to Linear Algebra	3	MATH 221	Intro to Linear Algebra
SPN 201	Intermediate Spanish I	4	SPAN 201A	Intermediate Spanish
ACC 200	Financial Accounting I	3	ACC 220	Financial Accounting II
ACC 201	Financial Accounting II	3	ACC 230	Accounting II - Managerial
ACC 202	Managerial Accounting	3		
		<b>35</b>		
			Biological Sciences	In addition to UCC requirements
			Physical Sciences	In addition to UCC requirements
			FIN 330	Introduction to Finance
			FIN 361	Mgmt of Business Finance
			Group A	Choose from: Math 319, 349, 421
			Group B	Choose from: MATH 352, 450, 455
			Group C	Choose from: MATH 305, 471, 472, 475;
			MATH 300I	History of Mathematics
			MATH 302	Transition to Higher Math
			MATH 400	Interest Thry Fin Derivatives
			MATH 401 and 402 -or- MATH 403 and 404	Life Contingencies I and II -or- Loss Models I and II
			MATH 474	Time Series
			MATH 483	Math Stats in Engr & Sci
			MATH 484	Applied Regression Analysis
<b>Total semester hrs completed w/AA degree:</b>		<b>74</b>	<b>Total semester hrs completed w/BS degree:</b>	<b>47</b>
			<b>Total hrs to BS Degree:</b>	<b>121</b>
<i>Degree Plan created on 10/19/21 by SW</i>				