

TRANSFER GUIDE

AS Biological Sciences Suggested Curriculum transferring into BS Physiology

Kaskaskia College Courses			
AS Biological Sciences Suggested Curriculum – 66 hours			
GUID 109-1	First Year College Experience	BIOL 101-4	Biology
ENGL 101-3	English Composition	Elective-3	Fine Arts
ENGL 102-3	English Composition	HLTH 102-3	Human Health & Wellness
COMM 103-3	Fundamentals of Speech Comm	BIOL 102-4	Biology
MATH 136-4	General Statistics	BOTY 101-4 or	Botany or
PSYH 101-3	Psychology	ZOOL 101-4	Zoology
HIST 103-3	History of the United States	CHEM 112-5	Chemistry II (Physical & Analytical)
PHLE 110-3	Logic	CITA 110-1	Intro to Word Processing
PHLE 120-3	Ethics	MATH 166-5	Calculus & Analytical Geometry I
CHEM 111-5	Chemistry I (Inorganic Chemistry)	Bio Sci Electives-6	Choose from approved courses*
Southern Illinois University Carbondale Courses			
BS Physiology (PHSL) – 59 hours			
PHYS 203A,253A-4	College Physics w/Lab	PHSL 310-5	Principles of Physiology
PHYS 203B,253B-4	College Physics w/Lab	PHSL 410A-4	Mammalian Physiology
Biology	Choose two courses from:	PHSL 410B-4	Mammalian Physiology
Electives-6	BIOL 304, 305, 306, 409	Physiology	Choose from any 300 or 400 level
CHEM 340,341-5	Organic Chemistry I w/Lab	Electives-13	PHSL courses not already taken
CHEM 350,351-5	Intro Biological Chem w/Lab	COS Supp Skills-6	2 semesters of a 200-level Foreign Language or 6 hrs approved coursewrk
CHEM 442-3	Organic Chemistry II		
Total Hours to Bachelor Degree: 125 Hours			

*Choose from: BIOL 120, 121/122, 125, 145, 146 and/or 215 (215 strongly recommended)

Questions? Contact Us!

Kaskaskia College

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Southern Illinois University Carbondale

Dr. Judy Davie, Chair

School of Biological Science

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Salary Range: \$46,340-\$72,230

Possible Careers: Animal Scientist
Biological Technician
Clinical Lab Technician
Environmental Scientist
Environmental Specialist



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 Biological Sciences Suggested Curriculum - 66 hours			BS Physiology (PHSL) - 120 hours		
			University Core Curriculum (UCC) - 39 hrs *		
		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 I	3	ENGL 101	English Composition I	T
ENGL 102	English Composition II	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 SCIENCE		NA
PHLE 110	Logic	3	PHIL 105	Elementary Logic	T
PHLE 120	Ethics	3	PHIL 104	Ethics	T
CHEM 111	Chemistry I (Inorganic Chemistry)	5	CHEM 200 -and- 201	Intro to Chemical Principles w/Lab	T
BIOL 101	Biology	4	BIOL 211	Introductory Cell Biology & Genetics	T
	Fine Arts	3	FINE ARTS	See <i>SIUC Transfer Equivalency Guide</i>	T
HLTH 102	Human Health & Wellness	3	PH 101	Foundations of Human Health	T
HIST 103	History of the United States	3	HIST 300	The Origins of Modern America, 1492-1877	T
		40			0
			* An AS from a regionally accredited Illinois community college satisfies UCC requirements		
Program Requirements			Program Requirements		
CITA 110	Intro to Word Processing	1	Any unarticulated courses will be used to satisfy general elective credit		
GUID 109	First Year College Experience	1			
Biological Science Electives	Choose from approved courses**	6			
BIOL 102	Biology	4	BIOL 212	Introductory Evolution & Ecology	T
BOTY 101 -or- ZOOL 101	Botany -or- Zoology	4	PLB 200 -or- ZOOL 118	General Plant Biology -or- Principles of Animal Biology	T
CHEM 112	Chemistry II (Physical & Analytical)	5	CHEM 210 -and- 211 (Required for BS degree)	General & Inorganic Chemistry w/Lab	T
MATH 166	Calculus & Analytical Geometry I	5	MATH 150 (Required for BS degree)	Calculus I	T
		26			
			PHYS 203A -and- 253A	College Physics w/Lab	4
			PHYS 203B -and- 253B	College Physics w/Lab	4
			Biology Electives-6		6
			Choose two of the following:		
			BIOL 304	Evolution	
			BIOL 305	Principles of Genetics	
			BIOL 306	Cell Biology	
			BIOL 409	Developmental Biology	
			COS Supportive Skills Requirement	2-semester sequence of a 200-level Foreign Language --OR-- 6 hours of approved coursework	6
			CHEM 340 -and- 341	Organic Chemistry I w/Lab	5
			CHEM 350 -and- 351	Intro to Biological Chemistry w/Lab	5
			CHEM 442	Organic Chemistry II	3
			PHSL 310	Principles of Physiology	5
			PHSL 410A	Mammalian Physiology	4
			PHSL 410B	Mammalian Physiology	4
			Physiology Electives	Choose 300 or 400 level PHSL courses not already taken	13
					59
Total semester hrs completed with AS degree:		66	Total semester hrs completed with BS degree:		59
			Total semester hrs to BS degree:		125
**Choose from: BIOL 120, 121/122, 125, 145, 146, and/or 215 (215 strongly recommended)					
Degree Plan updated on 2/8/24 by SG					