

TRANSFER GUIDE

AS Biological Sciences Suggested Curriculum transferring into BS Biological Sciences Biomedical Science

Kaskaskia College Courses			
AS Biological Sciences Suggested Curriculum – 64 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	BIOL 102-4	Biology
COMM 103-3	Fundamentals of Speech Comm	BOTY 101-4 or	Botany or
MATH 136-4	General Statistics	ZOOL 101-4	Zoology
PSYH 101-3	Psychology	CHEM 112-5	Chemistry II (Physical & Analytical)
HIST 103-3	History of the United States	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 Electives-7	Choose from approved courses**
BIOL 101-4	Biology		
Southern Illinois University Carbondale Courses			
BS Biological Sciences (BIOS) Biomedical Science Specialization – 62 hours			
BIOL 213-4	Intro Organismal Form & Function	CHEM 340,341-5	Organic Chemistry w/Lab
PHYS 203A,253A-4	College Physics w/Lab	CHEM 350,351-5 or	Biological Chemistry w/Lab or
PHYS 203B,253B-4	College Physics w/Lab	CHEM 442,443-5	Organic Chemistry II w/Lab
BIOL 305-3	Principles of Genetics	Senior Seminar-1	Choose from: BIOL 485, MICR 495, PHSL 490, PLB 480, or ZOOL 482
BIOL 306-3	Cell Biology	College of Science	2 semesters of Foreign Language -OR-
BIOL 409-3	Developmental Biology	Supportive Skills-6	CS 105, 200B, 201 or 202 <i>and</i>
MICR 301-4	Principles of Microbiology		ENGL 290, 291 or 391
MICR 302-3	Molecular Biology	Life Sci Electives-12	Choose from course list; 10 hrs
PHSL 310-5	Principles of Physiology		300/400 level
Total Hours to Bachelor Degree: 126 Hours			

*Can also choose from: HIST 147/LEAD 150 **Choose from: BIOL 121/122, 215 (215 strongly recommended)

Questions? Contact Us!

Kaskaskia College

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Southern Illinois University Carbondale

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School of Biological Sciences

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Salary Range: \$37,000-\$70,000

Possible Careers: Pharmaceutical Technician
Biological Lab Technician
Quality Control Technician
Clinical Technician



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 - 64 hours			BS Biological Sciences (BIOS): Biomedical Science Specialization - 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	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 SCIENCE		NA
PHLE 120	Ethics	3	PHIL 104	Ethics	T
			HUMANITIES		NA
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 SIUC Transfer Equivalency Guide	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
		37			0
			*An AS from a regionally accredited Illinois community college satisfies UCC requirements		
Program Requirements			Program Requirements		
Biology Electives	Choose from approved courses***	7	Any unarticulated courses will be used to satisfy general elective credit		
CITA 110	Intro to Word Processing	1			
GUID 109	First Year College Experience	1			
BIOL 102	Biology	4	BIOL 212	Introductory Evolution & Ecology	T
BOTY 101 -or- ZOO 101	Botany -or- Zoology	4	PLB 200 -or- ZOO 118	General Plant Biology -or- Principles of Animal Biology	T
CHEM 112	Chemistry II (Physical & Analytical)	5	CHEM 210 -and- 211	General & Inorganic Chemistry w/Lab	T
MATH 166	Calculus & Analytical Geometry I	5	MATH 150	Calculus I	T
		27			
			BIOL 213	Introductory Organismal Form & Function	4
			PHYS 203A -and- 253A	College Physics w/Lab	4
			PHYS 203B -and- 253B	College Physics w/Lab	4
			BIOL 305	Principles of Genetics	3
			BIOL 306	Cell Biology	3
			BIOL 409	Developmental Biology	3
			COS Supportive Skills Requirement	2-semester sequence of a Foreign Language --OR-- CS 105, 200B, 201 -or- 202 and ENGL 290, 291 -or- 391	6
			CHEM 340 -and- 341	Organic Chemistry I w/Lab	5
			CHEM 350 -and- 351 -or- CHEM 442 -and- 443	Biological Chemistry w/Lab -or- Organic Chemistry II w/Lab	5
			MICR 301	Principles of Microbiology	4
			MICR 302	Molecular Biology	3
			PHSL 310	Principles of Physiology	5
			Senior Seminar	Choose from: BIOL 485, MICR 495, PHSL 490, PLB 480 -or- ZOO 482	1
			Life Science Electives	Choose from approved courses 300/400 level 10 hours	12
					62
Total semester hrs completed with AS degree:		64	Total semester hrs completed with BS degree:		62
			Total semester hrs to BS degree:		126
**Can also choose from: HIST 147 -or- LEAD 150					
***Choose from: BIOL 121/122, 215 (215 strongly recommended)					
Degree Plan updated on 6/14/24 by SG					