

TRANSFER GUIDE

AS Computer Science Traditional Track transferring into BA Computer Science

John A Logan College Courses			
AS Computer Science Traditional Track – 63 hours			
ENG 101-3	English Composition I	Elective-3	IAI Fine Arts
ENG 102-3	English Composition II	ORI 100-1	College 101
COM 115-3	Speech	CPS 202-3	Discrete Structures
MAT 131-5	Calculus I	CPS 206-4	Computer Science I
Elective-3	IAI Social & Behavioral Sciences	CPS 215-4	Computer Science II
Elective-3	IAI Social & Behavioral Sciences	MAT 201-5	Calculus II
Elective-3	IAI Humanities	MAT 221-3	Intro to Linear Algebra
Elective-3	IAI Humanities	PHY 206-5	University Physics II
PHY 205-5	University Physics I	Elective-1	
Elective-3	IAI Life Science		
Southern Illinois University Carbondale Courses			
BA Computer Science (CS) – 61 hours			
CS 221-4	Internet & Mobile Computing	CS 498-2	Senior Seminar
CS 306-4	Linux/UNIX Programming	CS 499/499B-3	Senior Project/Senior Thesis
CS 311-3	Theory & Impmt Program Languages	CS Electives-21	400 level
CS 320-3	Computer Organization & Architecture	Add'l Reqs-9	
CS 330-3	Intro Design & Analysis of Algorithms	Supp Skills-6	CS 290 & 280 or 480
CS 335-3	Operating Systems		
Total Hours to Bachelor Degree: 124 Hours			

Questions? Contact Us!

John A Logan College
 Emily Monti, M.Ed.
 Manager of Curriculum & Instruction
 P: 618-985-3741 extension 8514
 E: emilymonti@jalc.edu

Salary Range: \$50,000-\$70,000

Possible Careers: Software Developer
 Systems Administrator
 Database Administrator
 Network Administrator
 Web Developer
 Teacher
 Programmer
 IT Specialist

Southern Illinois University Carbondale
 Dr. Xiaolan Huang, Director
 Undergraduate Computer Science Studies
 P: 618-453-6036
 E: xhuang@@cs.siu.edu

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			
John A. Logan College		Southern Illinois University Carbondale	
2023-2024		BS Computer Science (CS) - 120 hrs	
AS Computer Science Traditional Track - 63 hrs		University Core Curriculum (UCC) - 39 hrs*	
		Hrs	Hrs
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
	IAI Social & Behavioral Sciences	3	MATH 150 Calculus I
	IAI Social & Behavioral Sciences	3	SOCIAL SCIENCE See SIUC Transfer Equivalency Guide
	IAI Humanities	3	SOCIAL SCIENCE See SIUC Transfer Equivalency Guide
	IAI Humanities	3	HUMANITIES See SIUC Transfer Equivalency Guide
PHY 205	University Physics I	5	HUMANITIES See SIUC Transfer Equivalency Guide
	IAI Life Science	3	PHYS 205A -and- 255A University Physics w/Lab
	IAI Fine Arts	3	LIFE SCIENCE See SIUC Transfer Equivalency Guide
			FINE ARTS See SIUC Transfer Equivalency Guide
			HUMAN HEALTH NA
			MULTICULTURAL NA
		37	0
*An AS from a regionally accredited Illinois community college satisfies UCC requirements			
Program Requirements		Program Requirements	
Elective		1	Any courses not articulated will be used to satisfy general elective credit
ORI 100	College 101	1	
CPS 202	Discrete Structures	3	CS 215 Discrete Mathematics
CPS 206	Computer Science I	4	CS 202 Intro to Computer Science
CPS 215	Computer Science II	4	CS 220 Programming w/Data Structures
MAT 201	Calculus II	5	MATH 250 Calculus II
MAT 221	Intro to Linear Algebra	3	MATH 221 Intro to Linear Algebra
PHY 206	University Physics II	5	PHYS 205B -and- 255B University Physics w/Lab
		26	
			CS 221 Internet & Mobile Computing
			CS 306 Linux/UNIX Programming
			CS 311 Theory & Implementation of Programming Languages
			CS 320 Computer Organization & Architecture
			CS 330 Intro to the Design & Analysis of Algorithms
			CS 335 Operating Systems
			CS 498 Senior Seminar
			CS 499 -or- 499B Senior Project -or- Senior Thesis
			CS Electives 400 level
			Additional School of Computing Academic Requirements
			Supportive Skills CS 290 -and- 280 -or- 480
			42 senior institution hours at the 300/400 level must be reflected
			61
Total semester hrs completed with AS degree:		63	Total semester hrs completed with BS degree:
			61
			Total hrs to BS degree:
			124
Degree Plan created on 7/24/2023 by SG			