

TRANSFER GUIDE

AS Computer Science Traditional Track transferring into BS 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 | | | |
| BS 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
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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
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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 | | | |
|---|----------------------------------|---|--|
| 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 | | | |