



## TRANSFER GUIDE

### Associate of Science transferring into BS Mathematics

| Shawnee Community College Courses               |   |               |   |
|---|---|---------------|---|
| Associate of Science – 64 hours                 |   |               |   |
| SPC 111-3                                       | Speech  | Elective-3    | Humanities                              |
| ENG 111-3                                       | English Composition I                                 | Elective-3    | Fine Arts                               |
| ENG 112-3                                       | English Composition II                                | COM 111-3     | Business Computer Systems               |
| MAT 115-5                                       | Pre-Calculus  | MATH 209-5    | Calculus I                              |
| PSY 211-3                                       | Intro to Psychology                                   | MAT 211-5     | Calculus II                             |
| BIO 111-4                                       | Intro to Biology                                      | MAT 212-5     | Calculus III                            |
| PHY 116-4                                       | College Physics                                       | PHY 216-4     | University Physics                      |
| Elective-3                                      | Social Science  | Electives-5   | COM 231or COM 239 recommended           |
| Elective-3                                      | Humanities  |               |   |
| Southern Illinois University Carbondale Courses |   |               |   |
| BS Mathematics (MATH) – 56 hours                |   |               |   |
| CS 202-4  | Computer Science (if not taken at SCC)                | MATH crses-6  | 300-400 level selected from list        |
| MATH 221-3                                      | Intro to Linear Algebra                               | MATH Crses-12 | 400 level selected from list            |
| MATH 302-3                                      | Math Comm & Transition Higher Math                    | Electives-9   | 300-400 level to meet 42 Senior hours   |
| Group A-3                                       | 1 of MATH 319, 349, 419 or 421                        | Electives-6   | Any level as needed to meet 120 sem hrs |
| Group B-3                                       | 1 of MATH 352, 450, or 455                            |               |   |
| Groups C, D, E-6                                | 2 of MATH 305, 471, 472, 475, 380, 480, 483, 335, 433 |               |   |
| Total Hours to Bachelor Degree: 120 Hours       |   |               |   |

**Salary Range:** \$51,000-\$130,000

**Possible Careers:** Data Scientist  
Statistician  
Mathematician  
Operations Research  
Actuary

### Questions? Contact Us!

**Shawnee Community College**  
Kristin Shelby, Dean  
Academic Affairs & Student Learning  
P: 618-634-3200, ext. 3240  
E: [kristins@shawneecc.edu](mailto:kristins@shawneecc.edu)

**Southern Illinois University Carbondale**  
Dr. Wesley Calvert  
Professor and Director, School of  
Mathematical and Statistical Sciences  
P: 618-453-6582  
E: [wcalvert@siu.edu](mailto:wcalvert@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](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.