



# TRANSFER GUIDE

## AES Civil Engineering Specialty transferring into BS Civil Engineering

Southwestern Illinois Community College			
AES Civil Engineering Specialty – 68 hours			
COMM 151-3	Fundamentals of Public Speaking	MATH 204-5	Calculus II
ENG 101-3	Rhetoric & Composition I	MATH 205-4	Calculus III
ENG 102-3	Rhetoric & Composition II	MATH 290-3	Differential Equations
MATH 203-5	Calculus I	PHYS 204-4	Physics Mechanics
ECON 202-3	Prin of Economics II Micro	PHYS 205-4	Physics Heat Electricity Magnetism
Elective-3	Social & Behavioral Sciences	ENGR 103-4	Engineering Graphics
Elective-3	Humanities	ENGR 263-3	Analytical Mechanics-Statics
CHEM 105-5	General Chemistry I	ENGR 264-3	Analytical Mechanics-Dynamics
HES 151-2	Personal Health & Wellness	ENGR 275-3	Mechanics of Solids
CHEM 106-5	General Chemistry II		
Southern Illinois University Carbondale Course Capstone Option			
BS Civil Engineering (CE) – 73 hours			
Elective-3	Life Science	CE 320,320L-4	Soil Mechanics w/Lab
Elective-3	Fine Arts	CE 330-3	Civil Engineering Materials
Elective-3	Multicultural	CE 340-3	Structures
BIOL 202-2	Human Genetics & Human Health	CE 418-3	Water & Wastewater Treatment
ENGR 350A-3	Mechanics of Materials	CE 421-3	Foundation Design
ENGR 351-3	Numerical Methods in Engineering	CE 442-3	Structural Steel Design
ENGR 370A-3	Fluid Mechanics	CE 444-3	Reinforced Concrete Design
CE 251-1	Intro Probability & Stats Engineering	CE 474-3	Water Resources Engineering
CE 263-3	Basic Surveying	CE 495A-3	Civil Engineering Design
CE 301-2	Intro Resource Sustain Civ Env Engr	CE 495B-3	Civil Engineering Design
CE 310,310L-4	Environmental Engineering w/Lab	CE Electives-12	Select from list of approved courses
Total Hours to Bachelor Degree: 141 Hours			

### Questions? Contact Us!

#### Southwestern Illinois College

Bradley Sparks  
 Chief Academic Officer - Interim  
 P: 618-222-5447  
 E: [Bradley.Sparks@swic.edu](mailto:Bradley.Sparks@swic.edu)

#### Southern Illinois University Carbondale

Prabir Kolay, Program Director  
 Civil Engineering  
 P: 618-453-7843  
 E: [pkolay@siu.edu](mailto:pkolay@siu.edu)

**Salary Range:** \$50,000-\$90,000

**Possible Careers:** Staff Engineer  
 Junior/Senior Engineer  
 Site Engineer  
 Project Manager  
 Consulting Engineer  
 Project Engineer  
 Principal Engineer

Disclaimer: You are encouraged to use this transfer guide when planning your progress towards degree completion. Following a transfer guide does not guarantee admission into the listed program. Information is assumed current; however, any curriculum changes reflected in the Undergraduate Catalog override the information on this guide. Contact your Academic Advisor for assistance in interpreting this guide.



## 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.