



## TRANSFER GUIDE

### Associate in Engineering Science transferring into BS Civil Engineering (CE)

Southwestern Illinois Community College			
Associate in Engineering Science – 68 hours			
COMM 151-3	Fundamentals of Public Speaking	MATH 205-4	Calculus III
ENG 101-3	Composition I	MATH 290-3	Differential Equations
ENG 102-3	Composition II	PHYS 205-4	Engr Physics: Heat, Elec, Magnt
MATH 203-5	Calculus I	CHEM 106-5	General Chemistry II
SOC 153-3	Intro to Sociology	ENGR 103-4	Engineering Graphics
PHYS 204-4	Engineering Physics: Mechanics	ENGR 251-3	Surveying
Elective-2	Well Being Course	ENGR 263-3	Analytical Mechanics-Statics
HIST 286-3	History of Religion-or- Non-Western	ENGR 264-3	Analytical Mechanics-Dynamics
PHIL 155-3	Philosophy		
CHEM 105-5	General Chemistry I	ENGR 275-3	Mechanics of Solids
MATH 204-5	Calculus II		
Southern Illinois University Carbondale Courses			
BS Civil Engineering (CE) – 65 hours			
ECON 240-3	Intro to Microeconomics	ENGR 351-3	Numerical Methods
Electives-3	Humanities	ENGR 370A-3	Fluid Mechanics
Electives-3	Fine Arts	CE 418-3	Water & Wastewater Treatment
BIOL 202-2	Human Genetics & Human Health	CE 421-3	Foundation Design
CE 251-1	Intro Probability/Stats for Engineers	CE 442-3	Structural Steel Design
CE 301-2	Intro to Resource Sustainability	CE 444-3	Reinforced Concrete Design
CE 310/310L-4	Environmental Engineering/Lab	CE 474-3	Hydraulic Engineering Design
CE 320/320L-4	Soil Mechanics/Lab	CE 495A-3	Civil Engineering Design
CE 330-3	Civil Engineering Materials	CE 495B-3	Civil Engineering Design
CE 340-3	Structures	CE Electives-12	Choose from approved electives
ENGR 350B-1	Mechanics of Materials (Lab only)		
Total Hours to Bachelor Degree: 133 Hours			

### Questions? Contact Us!

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

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

**Southwestern Illinois College**  
DeAnna Mueller  
Coordinator of Academic Programs  
P: (618) 235-2700 ext. 5262  
E: [deanna.mueller@swic.edu](mailto:deanna.mueller@swic.edu)

**Southern Illinois University Carbondale**  
Dr. Jale Tezcan, Ph. D  
Interim Director and Professor  
P: 618-453-6125  
E: [jale@siu.edu](mailto:jale@siu.edu)

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.