

TRANSFER GUIDE

Associate in Engineering Science transferring into BS Civil Engineering

Illinois Central College Courses			
Associate in Engineering Science – 65 hours			
ENGL 110-3	Composition I	ECON 111-3	Principles of Microeconomics
ENGL 111-3	Composition II	CHEM 130-4	General Chemistry
Elective-3	Oral Communication	CHEM 132-4	General Chemistry
Elective-3	Social Science	ENGR 110-1	Intro to Engineering
Elective-3	Humanities	ENGR 251-3	Statics
Elective-3	Fine Arts	ENGR 252-3	Dynamics
MATH 222-5	Calculus & Analytical Geometry I	ENGR 253-3	Mechanics of Materials
MATH 223-4	Calculus & Analytical Geometry II	PHYSICS 211-4	Engr Physics: Mechanics
MATH 224-4	Calculus & Analytical Geometry III	PHYSICS 212-4	Engr Physics: Electricity & Magnetism
MATH 250-3	Differential Equations	PHYSICS 213-2	Engr Physics: Thermodynamics
Southern Illinois University Carbondale Courses			
BS Civil Engineering – 65 hours			
Elective-3	Multicultural	ENGR 351-3	Numerical Methods
BIOL 202-2	Human Genetics & Human Health	ENGR 370A-3	Fluid Mechanics
CE 251-1	Intro Probability/Stats for Engineers	CE 418-3	Water & Wastewater Treatment
CE 263-3	Basic Surveying	CE 421-3	Foundation Design
CE 301-2	Intro to Resource Sustainability	CE 442-3	Structural Steel Design
CE 310/310L-4	Environmental Engineering/Lab	CE 444-3	Reinforced Concrete Design
CE 320/320L-4	Soil Mechanics/Lab	CE 474-3	Hydraulic Engineering Design
CE 330-3	Civil Engineering Materials	CE 495A-3	Civil Engineering Design
CE 340-3	Structures	CE 495B-3	Civil Engineering Design
ENGR 350B-1	Mechanics of Materials (Lab only)	CE Electives-12	Choose from approved electives
Total Hours to Bachelor Degree: 130 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

Illinois Central College
Mindi Miller
College Transitions Coordinator
P: 309-694-5329
E: Mindi.Miller@icc.edu

Southern Illinois University Carbondale
Dr. Sanjeev Kumar, Chair
Department of Civil & Environmental Engineering
P: 618-536-2368
E: cedept@engr.siu.edu

Baccalaureate Degree Requirements

Each candidate for a bachelor's degree must complete the requirements listed:

Hour Requirements. Each student must complete at least 120 semester hours of credit. Each student must have at least 42 hours in courses that number 300 or above from a four-year institution.

Residence Requirements. Each student must complete the residence requirement by taking the last year, which is defined as 30 uninterrupted semester hours, or a total of 90 semester hours at SIU Carbondale.

Grade Point Average Requirements. Each student must have a C average for all work taken at SIU Carbondale. Some academic programs may require a higher graduating major GPA.

Dual Admission Program

The Dual Admission Program (DAP) allows baccalaureate-oriented students at eligible community colleges to benefit from pre-advisement for a chosen major at SIU Carbondale. The DAP addresses specific departmental requirements that a student may not automatically fulfill by completing their associate degree at their community college. Students apply to the DAP by completing the Application for Undergraduate Admission and indicating interest in the DAP. Students must have at least two semesters remaining at their community college to participate, [must select a participating SIU major](#), and [must attend an eligible community college](#). Students who apply for the DAP are provided a transfer plan that will guide them to the most direct route to their bachelor's degree, along with personalized contact with an SIU representative. Dual Admission Program students receive access to enroll in an online Dual Admission Program course, which connects students early to the University, its resources, and other transfer students.

Compact Agreement

SIU has recognized the Illinois regionally accredited community college transferable baccalaureate oriented Associate of Arts or Associate of Science degrees under the Compact Agreement since 1970. SIU 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). 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.

Degree Works

Degree Works is an easy-to-use, comprehensive, online degree audit tool specifically designed for students. The audit reflects program requirements from the Undergraduate Catalog measured against registration and transfer work to guide the degree audit function as it applies to the individual student. Once admitted to SIU Carbondale, you can run a Degree Works degree audit against your academic record by searching "Degree Works" in [SalukiNet](#).