

TRANSFER GUIDE

Associate of Science in Engineering transferring into BS Electrical Engineering

Oakton College Courses			
Associate of Science in Engineering – 69 hours			
EGL 101-3	Composition I	CHM 122-4	General College Chemistry II
EGL 102-3	Composition II	CSC 170-2	Intro to Numerical Methods
Elective-3	*IAI Social/Behavioral Science	1 Course-1	CSC 171, 173 or 174
Elective-3	*IAI Social/Behavioral Science	PHY 221-5	General Physics I
Elective-3	*IAI Fine Arts/Humanities	PHY 222-5	General Physics II
MATH 250-5	Calculus I	ENG 120-3	Engineering Graphics
MATH 251-4	Calculus II	ENG 211-3	Analytic Mechanics (Statics)
MATH 252-4	Calculus III	ENG 212-3	Analytic Mechanics (Dynamics)
MATH 262-3	Ordinary Differential Equations	ENG 220-4	Engineering Circuit Analysis
CHM 121-4	General College Chemistry I	ENG 250-4	Intro to Digital Systems
Southern Illinois University Carbondale Courses Capstone Option			
BS Electrical Engineering (EE) – 70 hours			
CMST 101-3	Intro to Oral Communication	ECE 336-3	Electric Circuits II
Elective-3	Life Science	ECE 345,345L-4	Electronics w/Lab
Elective-3	Fine Arts	ECE 355,355L-4	Signals & Systems w/Lab
BIOL 202-2	Human Genetics & Human Health	ECE 375-3	Intro to Electromagnetic Fields
Elective-3	Multicultural	ECE 495E-3	EE Senior Design I
ECE 222-3	Intro to Digital Computation	ECE 495D-3	ECE Senior Design II
ECE 296,296L-4	Intro Microntrl & Robotics w/Lab	ECE Tech Elec-25	Select from list of approved courses
ECE 315-4	Mathematical Methods in ECE		
Total Hours to Bachelor Degree: 139 Hours			

*Must satisfy both Global Studies & US Diversity Studies requirements

Questions? Contact Us!

Salary Range: \$60,000-\$150,000

Possible Careers: Aerospace Engineer
Biomedical Engineer
Controls Systems Engineer
Cyber/Defense Systems Engineer
Electronics Engineer
Research & Development Engineer
Semiconductor Engineer
Telecommunications/Utilities Engineer

Oakton College
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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.

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.