

TRANSFER GUIDE

AES Biomedical Engineering transferring into BS Biomedical Engineering

City Colleges of Chicago Courses			
AES Biomedical Engineering – 64 hours			
ENGLISH 101-3	Composition	MATH 208-5	Calculus & Analytic Geometry II
ENGLISH 102-3	Composition II	MATH 209-5	Calculus & Analytic Geometry III
Elective-3	Social & Behavioral Sciences	MATH 210-3	Differential Equations
Elective-3	Humanities	CHEM 203-5	General Chemistry II
BIOLOGY 115-4	Human Biology	ENGR 215-5	Electrical Circuits Analysis
CHEM 201-5	General Chemistry I	PHYSICS 235-5	Engineering Physics I
CIS 142-3	C++ Object Oriented Programming I	PHYSICS 236-5	Engineering Physics II
MATH 207-5	Calculus & Analytic Geometry I	Electives-2	Pathway Electives
Southern Illinois University Carbondale Courses Capstone Option			
BS Biomedical Engineering (BME) – 75 hours			
CMST 101-3	Intro to Oral Communication	BME 338,338L-4	Biomedical Instruments w/Lab
Elective-3	Social Science	BME 351-3	Probability & Statistics
Elective-3	Fine Arts	BME 355L-1	BME Signals & Systems Lab
PHSL 201-3	Human Physiology	BME 438-3	Medical Instrumentation: App Design
Elective-3	Multicultural	BME 495A-3	BME Senior Design I
BME 101-3	Intro to Biomedical Engineering	BME 495B-3	BME Senior Design II
BME 296,296L-4	Intro Microcntrls & Robotics w/Lab	ECE 355-3	Signals & Systems
BME 336-3	Biomechanics	Tech Elec-27	Select from list of approved courses
BME 337-3	Bioelectricity		
Total Hours to Bachelor Degree: 139 Hours			

Questions? Contact Us!

City Colleges of Chicago



Offered at:

Contact Your [Transfer Center](#) to learn more OR

[View the CCC Catalog](#)

Salary Range: \$41,950-\$91,410

Possible Careers: Bioinstrumentation Engineer
Rehabilitation Engineer
Biomedical Researcher
Clinical Patient Evaluator

Southern Illinois University Carbondale

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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.