
AS/BS in Computer Science
Elgin Community College Associate of Science Degree
Roosevelt University Bachelor of Science Degree in Computer Science

The following academic agreement program helps graduates of Elgin Community College transfer to Roosevelt University to complete their bachelor's degree. Students can finish the Elgin Community College Associate of Science degree and transfer to Roosevelt to finish a Roosevelt Bachelor of Science degree with a major in Computer Science in a total of four years. Roosevelt University's admission counselors are available to discuss transfer credits. Please call 877- APPLY RU (877-277-5978) to schedule an appointment.

Elgin Community College Associate of Science

<u>Course Number</u>	<u>Course Title</u>	<u>Semester Hours</u>
ENG 101 & 102 _{1,2}	English Composition I & II	6
SPH 101	Fundamentals of Speech	3
MTH 133 _{1,2}	Calculus with Analytic Geometry	4
MTH 134 _{1,2}	Calculus with Analytic Geometry II	5
Physical Science ₂	Include One Life Science & one Physical Science course. One with a lab.	8
Social & Behavioral Sciences _{2,3}	Include one Social Science & one Behavioral science course.	9
Humanities/Fine Arts _{2,3}	Include one Humanities and one Fine Arts course.	9
CIS 121 ₁	Computer Science I	4
CIS 223 ₁	Computer Science II	4
CIS 226 ₁	Computer Science III	4
CIS 127 ₁	Discrete Structures	3
CIS Elective		<u>3</u>
Elgin Community College Total		62

¹Grade of C or better required

²Required core courses for Roosevelt University

³Include one non-western course from: LIT 210, 223; HIS 120-21, 130-31, 140-1

Roosevelt University Bachelor of Science in Computer Science

<u>Course Number</u>	<u>Course Title</u>	<u>Semester Hours</u>
ACP 250	Grounds for Change	3
LIBS 201 ₁	Writing Social Justice	3
MATH 217 ₁	Intro to Probability & Statistics	3
MATH 246 ₁	Linear Algebra	3
CST 311 ₁	Real World Networks	3
CST 317 ₁	Operating Systems	3
CST 333 ₁	Database Systems	3
CST 372 ₁	Programming Languages	3
CST 337 or 338 _{1,or} 387 ₁	Theory of Computation or Efficient Computing or Algorithm Design	3
CST 370	Software Engineering	3
CST Elective ₁	Project Based 300-level CST Elective. Consult Advisor.	3
CST Electives ₁	Three 300-level CST Electives	9
General Electives	Electives to reach 120 total semester hours. Consult advisor	<u>16</u>
Roosevelt Total:		58

¹Grade of C or better required

²Electives to meet the minimum requirement of 120 credit hours. Students may use these courses to fulfill a Minor.

About Elgin Community College

Elgin Community College is a public Community college, an integral part of The Illinois community college system. Located in Elgin, Illinois, the college serves residents of Kane, DuPage, Cook, DeKalb and McHenry counties. The Elgin Community College transfer program provides the opportunity for thousands of area students to complete the first two years of study toward their bachelor's degrees. A strong academic program and the educational planning support of a knowledgeable counseling staff help ensure the smooth transfer of credit to senior institutions such as Roosevelt University. New students should call (847) 214-7385 for admission information. For help with educational planning, students should call (847) 214-7390.

About Roosevelt University

Roosevelt University is non-profit, private university named in honor of Franklin D. and Eleanor Roosevelt with campuses in downtown Chicago and suburban Schaumburg, Illinois, along with online programs. Roosevelt's award-winning faculty and dedicated staff take pride in pushing Roosevelt's diverse students to the limits of achievement, inspiring the transformation of lives and communities through the principles of social justice and inclusion. Academic programs are offered in the humanities, sciences, social sciences, business, education, music, theatre, pharmacy and professional studies. Roosevelt is one of the Midwest's most diverse private universities. The student/faculty ratio is 12:1, average high school GPA of new students is 3.1 and average ACT is 22.6. Roosevelt's new 32-story "vertical campus" downtown features student housing, science labs, classrooms, and a fitness center. The Schaumburg Campus, a state-of-the-art facility near Woodfield Mall, is a fully commuter campus with ample free parking.

Roosevelt University's admission counselors are available to discuss transfer credits. Please call 877- APPLY RU (877-277-5978) to schedule an appointment.

Roosevelt University Office of Admission

Chicago Campus
430 S. Michigan Ave.
Chicago, IL 60605

Schaumburg Campus
1400 N. Roosevelt Blvd.
Schaumburg, IL 60173

www.roosevelt.edu/admission
877-277-5978
applyRU@roosevelt.edu