



**A.A. or A.S./B.S./M.S. in Actuarial Science**  
**Elgin Community College Associate of Arts or Science Degree**  
**Roosevelt University Bachelor of Science Degree in Actuarial Science**  
**Roosevelt University Master of Science Degree in Actuarial 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 Arts or Science degree in Mathematics and transfer to Roosevelt to finish a Roosevelt Bachelor of Science in Actuarial Science and Master of Science in Actuarial Science in a total of five years.

Because this is an accelerated, high-level program, students need to have a 3.25 GPA in Elgin's calculus sequence (MTH 190, 210, and 230) to guarantee admission to it.

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

**Elgin Community College Associate of Arts or Science**

<u>Course Number</u>	<u>Course Title</u>	<u>Semester Hours</u>
ENG 101 & 102 <sub>1,2</sub>	English Composition I& II	6
CMS 101	Fundamentals of Speech	3
MTH 112 <sub>1,2</sub>	College Algebra	4
MTH 114 <sub>1,2</sub>	Trigonometry	3
MTH 190 <sub>1,2</sub>	Calculus with Analytic Geometry I	5
MTH 210 <sub>1,2</sub>	Calculus with Analytic Geometry II	5
MTH 230 <sub>1,2</sub>	Calculus with Analytic Geometry III	5
ECN 202	Principles of Macroeconomics	3
ECN 201	Principles of Microeconomics	3
ACC 200	Financial Accounting	4
Social & Behavioral Sciences <sub>2,3,4</sub>	Not Economics	3
Humanities/Fine Arts <sub>2,3</sub>	Include one Humanities and one Fine Arts course	9
Physical and Life Sciences	One from Life and one from Physical Science (One with a Lab)	7
General Electives		0-3
<b>Elgin Community College Total</b>		<b><u>60-63</u></b>

<sup>1</sup>Grade of C or better required

<sup>2</sup>Required core courses for Roosevelt University; students may place out of MTH 112 and/or MTH 114.

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

<sup>4</sup>Must be IAI course

**Roosevelt University Bachelor of Science/Master of Science in Actuarial Science**

<u>Course Number</u>	<u>Course Title</u>	<u>Semester Hours</u>
ACSC 101	Actuarial Careers (Recommended)	1
ACSC 367 <sub>1</sub>	Financial Mathematics	3
ACSC 246 <sub>1</sub>	Linear Algebra	3
ACSC 347 <sub>1</sub>	Probability and Statistics I	3
MATH 448 <sub>1,3,4</sub>	Probability and Statistics II	3
MATH 449 <sub>1,3,4</sub>	Regression and Time Series	3
MATH 480 <sub>1,3,4</sub>	Actuarial Science Seminar	3
ACSC Electives <sub>1,2,3,4,5</sub>		6
ACP 250 <sub>1</sub>	Grounds for Change	3
CST 150	Computer Science	4
LIBS 201 <sub>1</sub>	Writing for Social Justice	3
ACCT 210 <sub>1</sub>	Introduction to Accounting I	3
FIN 301 <sub>1</sub>	Money and Banking	3

FIN 311 <sub>1</sub>	Business Finance	3
FIN 321 <sub>1</sub>	Investments	3
FIN 387 <sub>1</sub> or FIN Elective	Derivative Securities or Approved Finance Course	3
Minor in Computer Science <sub>1</sub>	See Roosevelt Advisor	12
MATH 4XX <sub>1,3,4,5</sub>	Actuarial Science courses to complete a total of 11 graduate courses for the MS degree	<u>21-24</u>
<b>Roosevelt Total</b>		<b>83-85</b>

*<sub>1</sub>Grade of C or better required*

*<sub>2</sub>Choose from ACSC 309, 323, 330, 332, 357, 366, 369, 370, 376, 377, 378, 380, 389, & 395*

*<sub>3</sub>Once a student has taken a total of 75 credit hours, a total of four courses may be taken at the graduate level concurrently with undergraduate courses. These count towards both the undergraduate and graduate degrees. Once the requirements for the BS degree are fulfilled, students will finish the remaining courses at the graduate level.*

*<sub>4</sub> Students must maintain a GPA of 3.0 in their graduate coursework with a maximum of two C-/C/C+ grades.*

*<sub>5</sub>Choose from MATH 409, 423, 430, 432, 446, 447, 457, 469, 470, 475, 476, 478, 480, 489, & 495 or approved 4XX coursework*

## **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](http://www.roosevelt.edu/admission)

877-277-5978

[applyRU@roosevelt.edu](mailto:applyRU@roosevelt.edu)