

Academic Roadmap



Associate of Arts to Bachelor of Arts 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 degree and transfer to Roosevelt University to finish a Roosevelt Bachelor of Arts degree in Actuarial Science. Those students transferring an AA degree have completed all of the Roosevelt University general education core requirements. No other general education courses will need to be completed unless they are a pre-requisite to the student's major.

4 - Year Suggested Academic Plan					
First Year (Freshman)					
Fall Semester (Elgin Community College)			Spring Semester (Elgin Community College)		
Elgin Community College	Course Name/Type		Elgin Community College	Course Name/Type	
ENG 101-	Composition I	3	ENG 102-	Composition II	3
MTH 112-	College Algebra	4	MTH 114	Trigonometry	3
CIS 121-	Computer Science I	3	Humanities		3
Social & Behavioral Science	Not Economics	3	Life Science	One from Life and one from Physical Science (one with a lab)	3-4
			ACC 200	Financial Accounting	3
Second Year (Sophomore)					
Fall Semester (Elgin Community College)			Spring Semester (Elgin Community College)		
Elgin Community College	Course Name/Type		Elgin Community College	Course Name/Type	
MTH 190-	Calculus with Analytic Geometry I	5	MTH 210-	Calculus with Analytic Geometry II	5
CMS 101	Fundamentals of Speech	3	ECN 202	Principles of Macroeconomics	3
ECN 201	Principles of Microeconomics	3	Fine Arts		3
Humanities		3	Physical Science	One from Life and one from Physical Science (one with a lab)	3-4
General Electives	If needed, see ECC advisor				
Completion of AA - Transition to Roosevelt University					
Third Year (Junior)					
Fall Semester (Roosevelt University)			Spring Semester (Roosevelt University)		
Roosevelt	Course Name/Type		Roosevelt	Course Name/Type	
ACSC 101-	Actuarial Career	1	ACSC 246-	Linear Algebra	3
ACSC 347-	Probability Theory	3	ACSC 348-	Mathematical Statistics	3
ACSC 367-	Financial Mathematics	3	ACSC 380-	Actuarial Science Seminar	3
FIN 301-	Money & Banking	3	Elective		3
MATH 233-	Calculus 3	3	FIN 311-	Business Finance	3
TRS 101*	Transfer Success Course	1			
Fourth Year (Senior)					
Fall Semester (Roosevelt University)			Spring Semester (Roosevelt University)		
Roosevelt	Course Name/Type		Roosevelt	Course Name/Type	
ACSC 349-	Regression & Time Series	3	ACSC Elective	Choose from: ACSC 309, 323, 328, 366, 369, 378, 380, 389, 395 or other courses as approved	3
ACSC Elective	Choose from: ACSC 309, 323, 328, 366, 369, 378, 380, 389, 395 or other courses	3	FIN 387- or FIN Elective	Derivative Securities or Approved Finance Course	3
FIN 321-	Investments	3	Elective		3
Elective		3	Elective		3
Elective		3			

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Revised July 2018

~Grade of C or better required

*TRS 101 - Transfer Success Course (waived with transfer of 90 credit hours or more)

ACSC Electives: One course should be an experiential learning courses; consult RU advisor.

Please note that with the transfer of an AA or AS degree all Roosevelt University general education core requirements are completed unless a pre-requisite general education course is needed for the major.