

## Actuarial Science Major 32 or 33 semester credit hours

Segment of major program	Semester course #	Semester course name	Credit hours
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### Prerequisites: 22 or 23 semester credit hours

	Math 1151	Calculus 1	5
	Math 1152	Calculus 2	5
	Acct 2000 or 2200	Foundations of Accounting	3
	Econ 2001.01	Principles of Microeconomics	3
	Econ 2002.01	Principles of Macroeconomics	3
	CSE 2111 <b>OR</b>	Modeling and Problem Solving with Spreadsheets and Databases, <b>OR</b>	3 or 4
	CSE 1223 <b>OR</b>	Intro to Computer Prog. in Java, <b>OR</b>	
	CSE 1222	Intro to Computer Prog. in C++	

### Major requirements: 32 or 33 semester credit hours

	Math 2153	Calculus 3	4
	Math 2568	Linear Algebra	3
	Math 4530 <sup>1</sup> or Stat 4201 <sup>1</sup>	Probability Introduction to Mathematical Statistics 1	3 or 4
	Stat 4202	Introduction to Mathematical Statistics 2	4
	Math 3588	Practicum in Actuarial Science	3
	Math 3618 <sup>2</sup>	Theory of Interest	3
	Math 5632 <sup>4</sup>	Financial Economics	3
	Bus Fin 3220 or Bus Fin 3120	Business Finance	3 or 3

### One of the following two-course sequences:

	Math 5630 <sup>3</sup>	Life Contingencies 1	3
	Math 5631 <sup>3</sup>	Life Contingencies 2	3
	Math 5633 <sup>5</sup>	Loss Models 1	3
	Math 5634 <sup>5</sup>	Loss Models 2	3

### Recommended extra courses

	Math 3532 <sup>1</sup>	Mathematical Foundations of Actuarial Science	3
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1 Exam P/1; 2 Exam FM/2; 3 Exam MLC/3L; 4 Exam MFE/3F; 5 Exam C/4