

I. CORE CURRICULUM 44
Math 1110 will count toward math requirement.

II. MAJOR REQUIREMENTS..... 69
2.0 major GPA is required for graduation. Major GPA calculation will include all courses taken in the major department, plus any other courses under II.

Course requirements for the Bachelor of Science degree in actuarial sciences are as follows (with program subject to the approval of the advisory committee). An acceptable program consists of at least 69 semester hours but no more than 80, with a minimum of 33 hours in the Department of Mathematical Sciences.

A. Mathematics – 33 s.h.

- MAT 1110 _____ (4) Calculus w/ Analytic Geometry I (ND)
- MAT 1120 _____ (4) Calculus w/ Analytic Geometry II (ND)
- MAT 2130 _____ (4) Calculus w/ Analytic Geometry III (ND)
- MAT 2240 _____ (3) Introduction to Linear Algebra (C)
- MAT 3330 _____ (3) Financial Mathematics
- STT 3850 _____ (4) Introduction to Probability and Statistics(ND, C)
- STT 3830 _____ (3) Statistical Methods II
- STT 4860 _____ (3) Mathematical Statistics I
- STT 4865 _____ (3) Mathematical Statistics II
- MAT 4330 _____ (2) Senior Seminar in Actuarial Sciences (W)

B. Business – 33 s.h.

- ACC 1100 _____ (3) Principles of Accounting I (ND)
- ECO 2030 _____ (3) Principles of Economic – Price Theory
- ECO 2040 _____ (3) Principles of Economics – Macro (ND)
- LAW 2150 _____ (3) Legal Environment of Business
- FIN 3071 _____ (3) Principles of Risk Management and Insurance
- FIN 3072 _____ (3) Personal Property, Liability, Life & Health Insurance (W)
- FIN 3680 _____ (3) Introduction to Finance
- FIN 3690 _____ (3) Financial Management
- FIN 3890 _____ (3) Survey of Investments (S)
- FIN 4770 _____ (3) Financial Risk Management
- ECO 4750 _____ (3) Econometrics (C)

C. Electives – 3 s.h.

Three hours of approved electives** in Mathematical Sciences or Business (no more than 3 additional elective hours can be taken in Business).

**Must be approved by advisory committee.

III. MINOR (optional)

<u>Major Designators</u>	
2 Writing (W)	_____
1 Speaking (S)	_____
Certified Proficiency in Communication (CPC)	_____
See Department Chair for CPC requirements	
<u>Other Designators</u>	
4 Writing (W)	_____
4 Multi Cultural (MC)	_____
2 Numerical Data (ND)	_____
2 Computer (C)	_____
1 Cross Disciplinary (CD)	_____

IV. ELECTIVES (taken to total 122 hours for the degree)..... 9
2 semester hours of free electives must be outside the major discipline. 122