

ACTUARIAL SCIENCE MAJOR

Prerequisite Courses:

Math 151, 152, 153	Calculus and Analytic Geometry	(5 each)
Economics 200, 201	Principles of Economics I, II	(5.5)
Accounting 310 (formerly 201) or Acct211 and 212	Introduction of Accounting	(5 each)

Required Courses:

Mathematics 254	Calculus and Analytic Geometry	(5)
Mathematics 530	Probability	(3)
Mathematics 532	Mathematical Foundations of Actuarial Science	(3)
Mathematics 568 or 571	Linear Algebra	(3)
Mathematics 618	Theory of Interest	(3) (4 cr. pending)
Mathematics 630, 631, 632	Actuarial Mathematics I, II, III	(9) (12 cr. pending)
Statistics 420, 421	Mathematical Statistics I, II	(10)
Math 588	Practicum on Actuarial Science	(4)
Business Administration: Finance 420 or 620	Business Finance	(4)
Finance 640	Insurance and Risk	(4) (deletion pending)
CS & E 200 or 201 or 221	Computer Science & Engineering Courses	(4 or 5)

Bachelor of Science Degree Sample Schedule-GEC Curriculum

Autumn Quarter

Math 151
CS & E 200 or 201 or 221
English 110
Survey

Winter Quarter

Math 152
Econ 200
History

Spring Quarter

Math 153
Econ 201
History

Autumn Quarter

Math 254
Accounting
Language

Winter Quarter

Math 568
Humanities
Language
2nd Writing Course

Spring Quarter

Science
Humanities
Language
Elective

Autumn Quarter

Math 618#
Math 530*
Language
Humanities

Winter Quarter

Stat 420*
Bus. Ad: Fin 620
Science

Spring Quarter

Math 588
Math 532*
Science
Elective
SOA Exam P

Autumn Quarter

Math 630^
Science
Social Science
SOA Exam P or FM

Winter Quarter

Math 631^
Science
Elective
Elective

Spring Quarter

Math 632^
Stat 421
Elective
SOA Exam FM

* - SOA Exam P material, # - SOA Exam FM material, ^ - SOA Exam M material