

Degree Map
BS Mathematics Concentration in Financial Mathematics and Actuarial Science

	Fall	Spring
Freshman	MATH 270 - 4 credits ECON 211 ¹ - 3 credits CPSC 201 - 3 credits ENGL 111 - 3 credits Humanities Elective - 3 credits Total Credits = 16	MATH 271 - 4 credits ECON 212 ¹ - 3 credits MATH 221 - 3 credits Humanities Elective - 3 credits Physical Sciences Elective - 3 credits Total Credits = 16
Sophomore	MATH 272 -4 credits ACTG 251 - 3 credits MATH 370 - 3 credits ENGL 371 -3 credits Physical Sciences Elective - 3 credits Total Credits = 16	MATH 350 - 3 credits ACTG 252 - 3 credits MATH 300 - 3 credits MATH 360 -3 credits Humanities Elective - 3 credits Total Credits = 15
Junior	FIN 370 - 3 credits MATH 321 ² - 3 credits MATH 285 - 3 credits Humanities Elective - 3 credits Social Science Elective - 3 credits Total Credits = 15	FIN 373 - 3 credits MATH 421 - 3 credits MATH 297 ³ 3 credits Physical Sciences Elective - 3 credits HPE 111 - 2 credits Personal Performance - 1 credit Total Credits = 15
Senior	FIN 375 - 3 credits FIN 376 - 3 credits MATH 390 - 1 credit Gen. Ed. Elective - 3 credits Free Elective - 3 credits Free Elective - 3 credits Total Credits = 16	FIN 476 -3 credits MATH 490 - 1 credit Gen. Ed. Elective - 3 credits Free Elective - 3 credits Free Elective - 3 credits Total Credits = 13

The courses ECON 211, ECON 212, ACTG 251, MATH 297, FIN 370, FIN 375, FIN 376, and FIN 476 form the basis for the content of the first Chartered Financial Analyst Exam, https://www.cfainstitute.org/programs/cfaprogram/exams/Pages/level_I_exam_prep.aspx.

¹ECON 211 and ECON 212 may be eligible for VEE Economics credit for the SOA up successful completion of two SOA or CAS Exams

<https://www.soa.org/education/exam-req/edu-vee.aspx>

²Course Syllabus Aligned with SOA Exam P

<https://www.soa.org/education/exam-req/edu-exam-p-detail.aspx>

³Course Syllabus Aligned with SOA Exam FM

<https://www.soa.org/education/exam-req/edu-exam-fm-detail.aspx>