

Minors

Actuarial Science - Minor

College of Sciences

Department of Statistics,

Computer Center II, Room: 212

<http://statistics.cos.ucf.edu/>

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This minor is designed to satisfy the Society of Actuaries (SOA) Validation by Educational Equivalence requirements in the areas of Economics, Corporate Finance and Applied Statistics and prepare students for SOA Exam P, Exam FM and Exam MFE. It also will prepare them to take the Casualty Actuarial Society (CAS) Exam 1, Exam 2, and Exam 3F. Students who complete this minor will have completed the requirements for a Statistics minor, and should also apply for that minor prior to graduation. Alternatively, the minor will satisfy many requirements in the Statistics B.S. degree, so students may want to consider the Statistics B.S. with the Actuarial Science minor.

Minor Admission Requirements

- Students need to complete the prerequisite courses.

Minor Requirements

- A minimum grade of "C" (2.0) is required in all courses used to satisfy the minor.
- At least 15 hours used in the minor must be earned at UCF within the Department of Statistics.

Prerequisite Courses

- Students must satisfy each course's prerequisites before enrolling in the class.
- Students are expected to have completed some of the following courses as part of their GEP requirement.

ECO 2013	Principles of Macroeconomics	3 hrs
MAC 2311C	Calculus with Analytic Geometry I	4 hrs
MAC 2312	Calculus with Analytic Geometry II	4 hrs
MAC 2313	Calculus with Analytic Geometry III	4 hrs
STA 2023	Statistical Methods I	3 hrs
STA 4163	Statistical Methods II	3 hrs
STA 4164	Statistical Methods III	3 hrs
STA 4321	Statistical Theory I	3 hrs
STA 4322	Statistical Theory II	3 hrs

Required Courses (21 hrs)

ACG 2021	Principles of Financial Accounting	3 hrs
ECO 2023	Principles of Microeconomics	3 hrs
FIN 3403	Business Finance	3 hrs
STA 4183	Theory of Interest	3 hrs
STA 4184	Introduction to Derivative Markets	3 hrs
STA 4186	Theory of Derivative Pricing	3 hrs
STA 4852	Applied Time Series	3 hrs

Restricted Electives

- No additional courses are required.

Foreign Language Requirements

- No Foreign Language is required.

Total Semester Hours Required

- 21

Other Requirements

- No credit by exam (TSD, Military credit) may be used toward the minor.
- Internship, Co-op, or Independent Study credit cannot be used toward the minor.
- Any course substitutions must be approved by the program coordinator in advance of their being taken.