

UNDERGRADUATE CATALOG | 2009 - 2010

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College of Physical and Mathematical Sciences Home

Statistics Department Home

Majors

- BS in Actuarial Science
 - BS in Statistics
 - Emphases
- Applied Statistics and Analytics
- Biostatistics
- Quality Science
- Statistical Science

Minors

- Actuarial Science
- Statistics

Course Information

- Statistics (Stat) Courses

Faculty

Minor in Actuarial Science (15 hours*)

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Program Requirements

1. This minor is intended for mathematics majors. All other students should be aware of the prerequisites for this program:

[MATH 112 : Calculus 1. \(4:5:0\)](#)
[MATH 113 : Calculus 2. \(4:5:0\)](#)
[MATH 313 : Elementary Linear Algebra. \(3:3:0\)](#)
[MATH 314 : Calculus of Several Variables. \(3:3:0\)](#)

2. Complete the following courses preparing for SOA Exams:

[STAT 470 : Statistical Theory for Actuaries. \(3:3:0\)](#)
[STAT 474 : Theory of Interest. \(3:3:0\)](#)
[STAT 475 : Life Contingencies. \(3:3:0\)](#)

3. Complete six credit hours from one of the following:

[STAT 336 : Statistical Methods 1. \(6:3:3\)](#)
 as partial completion of Applied Statistics VEE.
[ACC 200 : Principles of Accounting. \(3:3:0\)](#)
[BUS M 300 : Financial Management. \(3:3:0\)](#)
 to complete Business VEE.
[ECON 380 : Intermediate Price Theory 1. \(3:3:0\)](#)
[ECON 381 : Intermediate Macroeconomics. \(3:3:0\)](#)
 to complete Economics VEE.
[STAT 124 : SAS Certification 1. \(1:1:1\)](#)
[STAT 224 : Statistical Computing 1. \(2:2:2\)](#)
[STAT 324 : SAS Certification 2. \(1:1:1\)](#)
[STAT 424 : Statistical Computing 2. \(3:3:2\)](#)
 SAS Certification.

*Hours include courses that may fulfill university core requirements.