

College of Science
Minor in **Actuarial Science**
Check sheet for students graduating in calendar year **2017**

Required Credits; Minimum of 21 credits, from five areas of study:

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|------|--|--------------------------------------|
| I. | Probability ¹ (Select one row; 3 credits total)
Stat 4105 ² Statistical Theory I
OR Stat 4705 ² Statistics for Engineers I | (3)() |
| II. | Finance (Complete all; 6 credits total)
Fin 3104 ³ Introduction to Finance
Fin 3134 ³ Finance Concepts and Skills | (3)()
(3)() |
| III. | Statistics – Regression (select one row; minimum of 3 credits)
Stat 4706 ⁴ Statistics for Engineers II
OR Stat 3005-3006 Stat Methods I & II
OR Stat 4214 ⁵ Regression Analysis
OR BIT 2406 ⁷ Quantitative Methods II | (3)()
(6)()
(3)()
(3)() |
| IV. | Statistics -Time Series (Complete all; 3 credits total)
Stat 4534 ⁵ Time Series | (3)() |
| V. | Economics (Complete all; 6 credits total)
Econ 2005 Principles of Economics I
Econ 2006 ⁶ Principles of Economics II | (3)()
(3)() |

Footnotes:

- 1 Stat 4714 may replace Stat 4105 or 4705 if taken before the minor was declared.
- 2 Stat 4105 and 4705 have a pre-requisite of Math 2224 or 2204 Multivariate Calculus which also has a pre-requisite of Math 1206 with 1224 or 1226, respectively. If a student has completed Math 1525-1526, Math 1206 or 1226 must be completed.
- 3 Fin 3104 and 3134 have a pre-requisite of ACIS 2115 Principles of Accounting I.
- 4 Stat 4706 has a pre-requisite of Stat 4105 or 4705.
- 5 Stat 4214 and Stat 4534 have a pre-requisite of Stat 3006 or 4706 or BIT 2406.
- 6 Econ 2006 has a pre-requisite of Econ 2005.
- 7 BIT 2406 is appropriate for Pamplin College of Business Majors ONLY. Students in other programs must select from the other courses in area III. BIT 2405 is a pre-requisite for BIT 2406.

Other notes:

- An overall GPA of 2.0 or higher must be attained in the courses counting toward the minor.
- A GPA of B- or better must be earned in the classes listed in sections II, III, IV, and V to be eligible for the Society of Actuaries Validation by Educational Experience.
- **IMPORTANT:** Students are responsible for reading the course catalogue descriptions regarding pre-requisites and the duplicate course list.