

College of Science
Minor in **Actuarial Science**
Check sheet for students graduating in calendar year **2021**

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 Theoretical Statistics
OR Stat 4705 ² Statistics for Engineers | (3)() |
| II. | Finance (Complete all; 6 credits total)
FIN 3104 ³ Introduction to Finance
FIN 3134 ³ Financial Analytics | (3)()
(3)() |
| III. | Statistics – Regression (select one row; minimum of 3 credits)
STAT 4706 ⁴ Statistics for Engineers
OR STAT 3005 ⁸ -3006 ⁸ Stat Methods
OR STAT 4214 ⁵ Methods of Regression Analytics
OR BIT 2406 ⁷ Quantitative Methods II | (3)()
(6)()
(3)()
(3)() |
| IV. | Statistics -Time Series (Complete all; 3 credits total)
STAT 4534 ⁹ Applied Time Series | (3)() |
| V. | Economics (Complete all; 6 credits total)
ECON 2005 Principles of Economics
ECON 2006 ⁶ Principles of Economics | (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 prerequisite of MATH 2204, MATH 2224, MATH 2224H, MATH 2204H, MATH 2406H or CMDA 2005 (grade of C- or better for STAT 4105).
- 3 FIN 3104 and FIN 3134 have prerequisites of ACIS 2115, (BIT 2405 or STAT 3005 or STAT 3604 or STAT 4604 or STAT 4705 or STAT 4714) or STAT 3615, STAT 3616), (ECON 2005 or ECON 2025H).
- 4 STAT 4706 has a prerequisite of STAT 4105 or STAT 4705.
- 5 STAT 4214 has prerequisites of STAT 3006 or 3616 or 4106 or 4706 or 5606 or 5616 or CMDA 2006.
- 6 ECON 2006 has a prerequisite 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 prerequisite for BIT 2406.
- 8 STAT 3005 has a prerequisite of MATH 1225 and a co-requisite of MATH 1226.
- 9 STAT 4534 has prerequisites of STAT 3006 or 3616 or 4104 or 4706 or 4714 or BIT 2406 or CMDA 2006.

Other notes:

- An overall GPA of 2.0 or higher must be attained in the courses counting toward the minor.
- A grade 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 prerequisites and the duplicate course list.