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

I. Probability¹ (Select one row; 3 credits total)
   Stat 4105² Theoretical Statistics
   OR Stat 4705² Statistics for Engineers
   (3) ( )

II. Finance (Complete all; 6 credits total)
    FIN 3104³ Introduction to Finance
    FIN 3134³ Financial Analytics
    (3) ( )

III. Statistics – Regression (select one row; minimum of 3 credits)
     STAT 4706⁴ Statistics for Engineers
     OR STAT 3005⁵-3006⁶ Stat Methods
     OR STAT 4214⁷ Methods of Regression Analytics
     OR BIT 2406⁸ Quantitative Methods II
     (3) ( )

IV. Statistics -Time Series (Complete all; 3 credits total)
    STAT 4534⁴ Applied Time Series
    (3) ( )

V. Economics (Complete all; 6 credits total)
   ECON 2005 Principles of Economics
   ECON 2006⁹ Principles of Economics
   (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 2204 Introduction Multivariate Calculus. If a student has completed MATH 1525-1526, MATH 1226 must be completed before taking 2204.
3 FIN 3104 and FIN 3134 have pre-requisites 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 pre-requisite of STAT 4105 or STAT 4705.
5 STAT 4214 and STAT 4534 has pre-requisites of STAT 3006 or 3616 or 4106 or 4706” and STAT 4534 has prerequisites of “STAT 3006 or 3616 or 4104 or 4706 or 4714 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.
8 Pre: MATH 1206 or 1226 for STAT 3005, Pre: STAT 3005 for STAT 3006

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 prerequisites and the duplicate course list.