



## Actuarial Science Minor Requirements

The Actuarial Science Minor program provides students with essential knowledge and skills vital to an actuarial career and prepares them for success in two of the mandatory national actuarial exams.

*No student may count more than three courses from their major program check sheet. A student must take at least one course at the 200 level or higher from a department outside of their major.*

### **Required Actuarial Science Minor Core Courses – 12 credits**

*Prerequisite for MATH 301 is (MATH 224 or CPSC 22) and MATH 283, each with a grade of “C” or better. Prerequisite for MATH 305 is MATH 182.*

MATH 301 Probability & Statistics I (3 credits)

MATH 305 Mathematics of Finance I (3 credits)

ECON 110 Principles of Macroeconomics (3 credits)

ECON 120 Principles of Microeconomics (3 credits)

### **Elective Courses – 6 credits**

*Choose two courses. Prerequisite for ECON 205 is ECON 110 and ECON 120. Prerequisite for ECON 210 is ECON 110 and ECON 120. Prerequisite for MATH 302 is MATH 301. Prerequisite for MATH 306 is MATH 283 with a grade of “C” or better and MATH 305. Prerequisite for MATH 403 is MATH 302. The topics for MATH 372 should be related to Probability & Statistics, Mathematics of Finance, and/or Economics.*

ECON 205 Intermediate Microeconomics (3 credits)

ECON 210 Intermediate Macroeconomics (3 credits)

MATH 302 Probability & Statistics II (3 credits)

MATH 306 Mathematics of Finance II (3 credits)

MATH 372 Independent Study and/or Project in Mathematics (3 credits)

MATH 403 Analysis of Data Sets (3 credits)

**Program Plan Code:** ACSC

**Effective Date:** Fall 2016

# KU Actuarial Science Minor Check Sheet

Student Name:

Student ID Number:

This check sheet provides a mechanism for students and advisors to keep track of a student's progress in the program. Please refer to the program requirements for more details regarding options.

*Program requirements: 18 credits.*

## Required Actuarial Science Minor Core Courses - 12 credits

|                                       |                  |        |
|---------------------------------------|------------------|--------|
| MATH 301 Probability & Statistics I   | 3 credits        | Grade: |
| MATH 305 Mathematics of Finance I     | 3 credits        | Grade: |
| ECON 110 Principles of Macroeconomics | 3 credits        | Grade: |
| ECON 120 Principles of Microeconomics | 3 credits        | Grade: |
| <b>Total Credits</b>                  | 12 total credits |        |

## Elective Courses - 6 credits

|                      |                 |        |
|----------------------|-----------------|--------|
| Course 1             | 3 credits       | Grade: |
| Course 2             | 3 credits       | Grade: |
| <b>Total Credits</b> | 6 total credits |        |

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**Effective Date:** Fall 2016