

# MATHEMATICS MINOR

## Mathematics Minor Requirements

Students in the Mathematics minor will select four (4) courses above the core requirement from the following list (at least one course must be at 300 or 400 level):

|            |                                                                      |   |
|------------|----------------------------------------------------------------------|---|
| AM 230     | Actuarial Statistics I                                               | 3 |
| AM 231     | Actuarial Statistics II                                              | 3 |
| AM 332     | Actuarial Statistics III                                             | 3 |
| MATH 121   | Calculus and Analytic Geometry I                                     | 3 |
| MATH 122   | Calculus and Analytic Geometry II                                    | 3 |
| MATH 129   | Mathematics of Finance                                               | 3 |
| MATH 223   | Calculus and Analytic Geometry III                                   | 3 |
| MATH 226   | Linear Algebra                                                       | 3 |
| MATH 228   | Discrete Structures                                                  | 3 |
| MATH 350   | Statistics II                                                        | 3 |
| MATH 354   | Software Application for Mathematics                                 | 3 |
| MATH 409   | Elementary Number Theory                                             | 3 |
| MATH 435   | Geometry                                                             | 3 |
| MATH 456   | Statistical and Mathematical Decision Making                         | 3 |
| MATH ST300 | Special Topics in Mathematics Mathematics of the Arts and Creativity | 3 |
| MATH 497   | Directed Study in Mathematics                                        | 3 |

Note: No more than two calculus courses may be counted toward the four courses. The core requirement is either MATH 110 and MATH 201; or MATH 121 and MATH 122. If a student starts with MATH 110 and MATH 201 they may count MATH 121 and MATH 122 toward the minor. A student who takes MATH 110 or MATH 110 HN may not take MATH 129. A student may not take both MATH 350 and AM 332.

The Mathematics minor is not open to Actuarial Mathematics majors.

A minimum of 12 credit hours is required for the minor.