

# MATHEMATICS MINOR

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The purpose of the Mathematics minor is to provide the student with an introduction to some of the topics of higher mathematics. This minor would be especially useful to those students who intend to pursue graduate programs in the sciences, economics, and various areas of business, since knowledge of some higher mathematics is necessary for successful study in these fields.

## Requirements

| Code                                 | Title                    | Hours     |
|--------------------------------------|--------------------------|-----------|
| MAT-2202                             | Calculus I               | 4         |
| MAT-2203                             | Calculus II              | 4         |
| MAT-3304                             | Calculus III             | 4         |
| MAT-3312                             | Linear Algebra           | 4         |
| Select two of the following courses: |                          | 6         |
| MAT-2309                             | College Geometry         |           |
| MAT-3401                             | Differential Equations I |           |
| MAT-3406                             | Theory of Numbers        |           |
| MAT-4403                             | Advanced Calculus I      |           |
| MAT-4408                             | Numerical Analysis       |           |
| MAT-4409                             | Modern Algebra           |           |
| MAT-4413                             | Advanced Linear Algebra  |           |
| MAT-4415                             | Probability Theory       |           |
| <b>Total Hours</b>                   |                          | <b>22</b> |