

# Mathematics Emphasis

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## MATHEMATICS Minor

This disciplinary emphasis also requires:

- Completion of an interdisciplinary major (<http://catalog.uwgb.edu/archive/2017-2018/undergraduate/planning/interdisciplinary-majors-minors>)

| Code   | Title                                | Credits   |
|--|--------------------------------------|-----------|
| <b>Supporting Courses</b>                                    |                                      | <b>12</b> |
| MATH 202   | Calculus and Analytic Geometry I     |           |
| MATH 203   | Calculus and Analytic Geometry II    |           |
| MATH 260   | Introductory Statistics              |           |
| <b>Upper-Level Courses</b>                                   |                                      | <b>12</b> |
| MATH 320   | Linear Algebra I                     |           |
| <b>Elective Courses (choose 9 credits of the following):</b> |                                      |           |
| MATH 305   | Ordinary Differential Equations      |           |
| MATH 314   | Proofs in Number Theory and Topology |           |
| MATH 321   | Linear Algebra II                    |           |
| MATH 323   | Analysis I                           |           |
| MATH 324   | Analysis II                          |           |
| MATH 328   | Introduction to Algebraic Structures |           |
| MATH 360   | Theory of Probability                |           |
| MATH 361   | Mathematical Statistics              |           |
| MATH 385   | Foundations of Geometry              |           |
| MATH 410   | Complex Analysis                     |           |
| MATH 425   | Dynamical Systems                    |           |
| MATH 492   | Special Topics in Mathematics        |           |

Total Credits

24