

Mathematics Second Major

The second major in math can make your degree more marketable, and prepare you to do graduate study in mathematics. Please consult mathematics staff members for advice. It only requires 30 hours in the following list.

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|-----------------------------------|--------------------------------------|-----------|
| Required courses: | | 12 |
| MATH 2413 | Calculus I | |
| MATH 2414 | Calculus II | |
| MATH 2415 | Calculus III | |
| Six hours chosen from | | 6 |
| MATH 2305 | Discrete Mathematics | |
| MATH 2318 | Linear Algebra | |
| MATH 2320 | Differential Equations | |
| Plus 12 hours chosen from: | | 12 |
| MATH 317 | Numerical Analysis | |
| MATH 321 | College Geometry | |
| MATH 325 | Partial Differential Equations | |
| MATH 326 | Mathematical Modeling and Simulation | |
| MATH 332 | Methods of Mathematical Proofs | |
| MATH 333 | Advanced Linear Algebra | |
| MATH 334 | Abstract Algebra | |
| MATH 402 | Mathematical Statistics I | |
| MATH 403 | Mathematical Statistics II | |
| MATH 426 | History of Mathematics | |
| MATH 436 | Real Analysis | |
| MATH 437 | Number Theory | |
| MATH 438 | Complex Analysis | |
| MATH 440 | Topology | |

A grade of C or better is required for all courses in the second major.

Total Hours **30**

First Year

Fall

Hours

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Total Hours: 0