

Minor in Mathematics

Undergraduate students of the university who are *not* majoring in Mathematics have the option to take a **Minor in Mathematics**. A Minor in Mathematics can serve two distinct functions (apart from enjoying its beauty and intellectual stimulation!):

- Acquiring the academic background for higher studies in mathematics.
- Acquiring modeling and computational skills for applications of mathematics in other disciplines or in industry.

Academic Requirements

You have to acquire a minimum of **20 credits as University Wide Electives** (UWE) from the courses offered by the Department of Mathematics. These credits must satisfy the following minimum requirements:

- (1) At least 8 credits from the following: MAT 101 (Calculus I), MAT 102 (Calculus II), MAT 132 (Vector Calculus and Geometry), MAT 160 (Linear Algebra I), MAT 184 (Probability), MAT 220 (Real Analysis I), MAT 230 (Ordinary Differential Equations), MAT 240 (Algebra I), MAT 280 (Numerical Analysis), MAT 284 (Probability & Statistics).
- (2) At least 8 credits from all other MAT courses numbered 200 or above, available as UWE, and not included in item (1).

Your choice of courses is subject to the following restrictions:

- A course cannot count towards both Major and Minor requirements. For example, Economics students cannot count MAT 101 towards the Minor because it is a compulsory course in their Major.
- Certain course combinations are not allowed. If you have already credited a course with significant overlap with a certain MAT course, or a more advanced course than the MAT course, you may not earn credit for the Minor from that MAT course. A list of such banned combinations will be published before each semester's course registration.

The Undergraduate Advisor for Mathematics will help you work out an appropriate choice of courses depending on your interests and background.