

# The Department of Mathematics and Statistics

## Mathematics Minor

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## About

Pursuing a minor in mathematics is a way for students who are not mathematics majors to demonstrate expertise in mathematics.

## MINOR: Mathematics (27 credits)

Students who plan to pursue a mathematics minor should declare their intention by completing the Application to Add a CLAS Minor, preferably by the fall semester of their junior year. To receive a math minor certificate, the student should contact Dr. Paul Pasles prior to course registration for their final semester. Students may consult Dr. Pasles at any time for information and advice. If all requirements are satisfied, then the certificate will be issued about two weeks after graduation. The minor will also appear on the student's transcript.

### *Program Notes:*

- Courses that fulfill minor requirements may be used to fulfill other requirements (i.e., primary major, core curriculum, minors, concentrations, or free electives).
- A student may petition to replace at most one of the five math minor electives with an upper division course from their own major. The proposed substitution must contain substantial mathematical content and not overlap with any other math minor elective courses. Examples of acceptable substitutions can be found at <https://www1.villanova.edu/villanova/artsci/mathematics/academic-programs/undergrad/minor.html>. Any course not listed there must be approved for substitution by the Department of Mathematics and Statistics.

Course	Title	Credits
MAT 1500	Calculus I	4
MAT 1505	Calculus II	4
MAT 2500	Calculus III	4
	Mathematics & Statistics Electives for Minor	15