

Mathematics Core Undergraduate Requirements

Declaring the Mathematics Major

Students seeking to major in mathematics are first designated as “pre-mathematics majors” until they have completed both MATH 1900 and MATH 2000 or equivalent courses. Upon successful completion of these two courses with grades of C or better, students will be allowed to declare mathematics as their major. Each of these courses must be completed successfully within two attempts.

Degree Requirements in Mathematics

All mathematics majors in all undergraduate programs must complete the mathematics core requirements.

Core Requirements

1. The following courses are required:

CMP SCI 1250	Introduction To Computing	3
MATH 1320	Applied Statistics I	3
MATH 1800	Analytic Geometry And Calculus I	5
MATH 1900	Analytic Geometry And Calculus II	5
MATH 2000	Analytic Geometry And Calculus III	5
MATH 2020	Introduction To Differential Equations	3
MATH 2450	Elementary Linear Algebra	3
MATH 3000	Discrete Structures	3
MATH 3250	Foundations of Mathematics	3
MATH 4100	Real Analysis I	3
Total Hours		33

2. The related area requirements as described below must be satisfied.
Students seeking a double degree, either within this department or with another department, do not have to fulfill the related area requirements.

Sign-offs from other departments affected by this proposal

None

Rationale	Replacing 3000 with 3250, a course which is more appropriate math majors. Will better prepare students for upper level math courses.
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