PURE MATHEMATICS (MA)

Familiarity with the language and concepts of mathematics fosters a full appreciation of our world and is an integral component of the Liberal Arts; the phrase "Math is Everywhere" is true only to the extent that one knows where and how to look. The courses fulfilling this requirement help guide students in developing conceptual understanding of mathematics through engagement with the language of mathematics and processes of mathematical operations. In addition to illustrating the universality and beauty of mathematics, these courses will give students practice in constructing and critiquing arguments through mathematics.

Students will take 3 credits to fulfill the Pure Mathematics Requirement, in courses approved as MA courses.

Code	Title	Hours
EDSC 2570	Intro to Teaching Math	3
MATH 1077	Exploring Modern Mathematics	3
MATH 1088	Numbers for Naturalists	3
MATH 1111	Elementary School Math	3
MATH 1212	Fundamentals of Calculus I	3
MATH 1224	Fundamentals of Calculus II	3
MATH 1234	Calculus I	4
MATH 1242	Transitional Calculus	5
MATH 1248	Calculus II	4
MATH 2055	Fundamentals of Mathematics	3
MATH 2248	Calculus III	4
MATH 2468	Real Anlys in One Variable	3
MATH 2522	Applied Linear Algebra	3
MATH 2544	Linear Algebra	3
MATH 2551	Groups and Rings	3
MATH 2678	Basic Combinatorial Theory	3
PHIL 1400	Introduction to Logic	3
PRNU 2114	Intro to Clinical Practice	0,3