

Mathematics

First-Year Program

1013.

1013.

12

1033

12

1103

1103.

MATH-1013. Introduction to Calculus I

12

MATH-1023. Introduction to Calculus II

1013.

MATH-1033. Finite Mathematics for the Social Sciences

12

MATH-1103. Introduction to Mathematical Reasoning

MATH-2213. Linear Algebra

2

3

1023

1033

MATH-2513. Introduction to Logic (PHIL)

PHIL 2513 is a course in logic, which is a branch of philosophy. It deals with the study of the principles and methods of reasoning. The course covers topics such as propositional logic, predicate logic, and modal logic. It also includes an introduction to the history of logic and the philosophy of language. The course is designed for students who are interested in philosophy, mathematics, and computer science.

MATH-2613. Elementary Differential Equations

MATH 2613 is a course in elementary differential equations. It covers the theory and applications of ordinary differential equations. The course includes topics such as first-order differential equations, second-order linear differential equations, and systems of differential equations. The course is designed for students who are interested in mathematics and its applications in science and engineering.

MATH-3613. Partial Differential Equations

MATH 3613 is a course in partial differential equations. It covers the theory and applications of partial differential equations. The course includes topics such as the wave equation, the heat equation, and the Laplace equation. The course is designed for students who are interested in mathematics and its applications in science and engineering.

Math-3813. Introduction to Logic (PHIL 3813)

PHIL 3813 is a course in logic, which is a branch of philosophy. It deals with the study of the principles and methods of reasoning. The course covers topics such as propositional logic, predicate logic, and modal logic. It also includes an introduction to the history of logic and the philosophy of language. The course is designed for students who are interested in philosophy, mathematics, and computer science.

MATH-3913. Statistics with Applications

MATH 3913 is a course in statistics with applications. It covers the theory and applications of statistics. The course includes topics such as probability, random variables, and statistical inference. The course is designed for students who are interested in mathematics and its applications in science and engineering.

Independent Study

MATH-4013. Independent Study

MATH 4013 is a course in independent study. It allows students to pursue a topic of their own choice in mathematics. The course is designed for students who are interested in mathematics and want to explore a topic in more depth.

