

FALL
1st YEAR

MATH 1120
FUNDAMENTAL CONCEPTS IN
MATHEMATICS

MATH 1500
CALCULUS I FOR THE MATHEMATICAL
SCIENCES

WINTER
1st YEAR

MATH 1700
LINEAR ALGEBRA I FOR THE MATHEMATICAL
SCIENCES

MATH 1501
CALCULUS II FOR MATHEMATICAL AND
PHYSICAL SCIENCES

FALL
2nd YEAR

MATH 2155
MATHEMATICAL STRUCTURES I

MATH 2500
CALCULUS III

APPLMATH 2402
ORDINARY DIFFERENTIAL EQUATIONS

WINTER
2nd YEAR

MATH 2156
MATHEMATICAL STRUCTURES II

MATH 2700
LINEAR ALGEBRA II

APPLMATH 2814
MATHEMATICAL COMPUTATION

FALL
3rd YEAR

MATH 3022
REAL ANALYSIS I

APPLMATH 3811
COMPLEX VARIABLES WITH APPLICATIONS

STATS 2857
PROBABILITY AND STATISTICS I

WINTER
3rd YEAR

MATH 3122
REAL ANALYSIS II

MATH 3020
INTRODUCTION TO ABSTRACT ALGEBRA

APPLMATH 3815
PARTIAL DIFFERENTIAL EQUATIONS I

STATS 2858
PROBABILITY AND STATISTICS II

FALL
4th YEAR

MATH 4121
TOPOLOGY

WINTER
4th YEAR

MATH 4024
COMPLEX ANALYSIS I

APPLMATH 3817
MATHEMATICAL MODELLING

Gold courses are first year courses that are **strongly recommended** for admission into and success in the program.

Purple courses are **required** courses that are common among all mathematics degrees.

Red courses are **required** for degrees in *mathematics*.

Blue courses are **required** for degrees in *applied mathematics*.