

(if needed for preparation)
College Algebra
MATH 1324

Trigonometry
MATH 1316

Programming Course
Equiv. of COSC 1336/1136

along with

Calculus I and Lab
MATH 2413/2113

Calculus II and Lab
MATH 2414/2114

Foundations of Mathematics
MATH 3425

Multivariate Calculus and lab
MATH 3404/3104

Ordinary Differential Equations
MATH 3305

Matrix Methods in Science and Engineering
MATH 3203

Introduction to Abstract Algebra
MATH 3336

Abstract Algebra II
MATH 4336

Introduction to Analysis
MATH 3345

Introduction to Real Analysis
MATH 4345

Introduction to Complex Variables
MATH 4342

Theory of Probability
MATH 4350

Applied Statistics
MATH 4351

Algorithms in Applied Mathematics
MATH 3380

Modeling and Numerical Analysis
MATH 4380

Senior Seminar
MATH 4160
Take during senior year
after MATH 3345 or
MATH 3336

