Bachelor of Science in Mathematics
Catalog Year 2024-2025

MATH 115E
COLLEGE ALGEBRA
WITH EXTRA SUPPORT (F/SP)

MATH 120
PRECALCULUS (F/SP)

MATH 125
PRECALCULUS W/ ALGEBRA (F/SP)

MATH 130
CALCULUS I (F/SP)

MATH 131
CALCULUS II (F/SP)

MATH 120
PRECALCULUS (F/SP)

MATH 130
CALCULUS I (F/SP)

MATH 215
INTRO TO LINEAR ALGEBRA (F/SP)

MATH 220
CALCULUS III (F/SP)

MATH 285
INTRO TO DIFFERENTIAL EQUATIONS (F/SP)

MATH 300
INTRO TO MATH PROOF (F/SP)

MATH 305
MATHEMATICAL SOFTWARE (F/SP)

MATH 306
NUMBER THEORY (F)

MATH 310
LINEAR ALGEBRA THEORY (F)

MATH 315
INTRO TO LINEAR ALGEBRA (F/SP)

MATH 320
ABSTRACT ALGEBRA I (F)

MATH 321
ABSTRACT ALGEBRA II (SP)

MATH 330
ANALYSIS I (SP)

MATH 331
ANALYSIS II (F)

MATH 335
MATHEMATICAL SOFTWARE (F/SP)

MATH 340
MODERN GEOMETRY (SP)

MATH 345
COMBINATORICS

MATH 350
NUMERICAL ANALYSIS I (SP)

MATH 355
LINEAR PROGRAMMING (F)

MATH 360
NUMBER THEORY (F)

MATH 370
NUMERICAL ANALYSIS I (SP)

MATH 380
LINEAR PROGRAMMING (F)

MATH 385
SYSTEMS OF DIFFERENTIAL EQUATIONS (F)

MATH 470
TOPICS IN ADVANCED MATH

MATH 470
NUMERICAL ANALYSIS II

MATH 493*
SENIOR SEMINAR (SP)

MATH 497*
TOPICS IN ADVANCED MATH

MATH 497*
TOPICS IN ADVANCED MATH

MATH 480 OR 490
ONLY 3 UNITS OF MATH RESEARCH (480) OR INDEPENDENT STUDY (490) CAN BE USED TOWARDS YOUR DEGREE

The purpose of this flowchart is to help students determine the pre-requisite classes they need for their major. This tool is NOT a substitute for attending orientation or booking an appointment with an advisor. However, this tool can be a helpful starting point, and we recommend using the tool prior to advising appointments.

*Requires department consent.
**Any 300 level or higher course, not used to fulfill another requirement, can be used as an elective.