Bachelor of Science in Mathematics
Catalog Year 2023-2024

For more information regarding the Mathematics B.S., scan the QR code.

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 215
INTRO TO LINEAR ALGEBRA (F/SP)

MATH 220
CALCULUS III (F/SP)

MATH 230
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 310
LINEAR ALGEBRA THEORY (F)

MATH 320
ABSTRACT ALGEBRA I (F)

MATH 321
ABSTRACT ALGEBRA II (SP)

MATH 330
ANALYSIS I (SP)

MATH 331
ANALYSIS II (F)

MATH 340
MODERN GEOMETRY (SP)

MATH 350
NUMERICAL ANALYSIS I (SP)

MATH 370
NUMERICAL ANALYSIS I (SP)

MATH 380
LINEAR PROGRAMMING (F)

MATH 385
SYSTEMS OF DIFFERENTIAL EQUATIONS (F)

MATH 390
ABSTRACT ALGEBRA II (SP)

STAT 316
STAT & PROB FOR SCI & ENGR

MATH 405
MATHEMATICAL SOFTWARE (F/SP)

MATH 410
NUMERICAL ANALYSIS II (F)

MATH 470
NUMERICAL ANALYSIS II (F)

MATH 470
NUMERICAL ANALYSIS II (F)

MATH 493*
SENIOR SEMINAR (SP)

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

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

This flowchart provides guidance on what order to take your major courses due to prerequisites. The flowchart and course roadmap together can help you plan out your major requirements. Note that they do not replace meeting with an advisor!