

DEGREE PLANNING GUIDE: 2020-21

B.A. in Mathematics, Pure Track

First year (<28 credits)	Sophomore (28-59 credits)	Junior (60-91 credits)	Senior (92+ credits)
Semester 1 MATH 113 Calculus I CISC 130 Intro to Programming	Semester 1 MATH 200 Multivariable Calculus	Semester 1 MATH 317 Real Analysis MATH 3xx or MATH 4xx Elective	Semester 1 One of MATH 302/419/420
Semester 2 MATH 114 Calculus II	Semester 2 MATH 210 Intro to Differential Equations MATH 240 Linear Algebra	Semester 2 MATH 301 Abstract Algebra I MATH 3xx or MATH 4xx Elective	Semester 2 One of MATH 302/419/420

Requirements for Degree

Program Core Courses

MATH 113 Calculus I
 MATH 114 Calculus II
 MATH 200 Multivariable Calculus
 MATH 210 Introduction to Differential Equations and Systems
 MATH 240 Linear Algebra
 MATH 301 Abstract Algebra I
 MATH 317 Real Analysis

Program Concentration Courses

Two courses from:
 MATH 302 Abstract Algebra II
 MATH 419 Complex Analysis
 MATH 420 Topology

Plus two courses MATH 300 or higher not already taken.

Allied Requirements

CISC 130 Introduction to Programming and Problem Solving in the Sciences
 or CISC 131 Introduction to Programming and Problem Solving