

DEGREE PLANNING GUIDE: 2020-21

B.A. in Mathematics, Applied 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 315 Applied Math Modeling I	Semester 1 MATH 3xx or MATH 4xx Elective
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 316 Applied Math Modeling II	Semester 2 MATH 3xx or MATH 4xx Elective

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

MATH 315 Applied Mathematics and Modeling I
 MATH 316 Applied Mathematics and Modeling II

Plus two MATH courses numbered 300 or higher to serve as electives

Allied Requirements

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