

# Bachelor of Arts in Mathematics: Pure Mathematics (Total Credits: 76)

## First Year (Total Credits: 4)

Semester	Course Code	Course Title	Credits	Completed or Not
Fall	MATH 203	Analysis and Number Theory	2	Not Completed
Winter	MATH 201	Algebra Math Lab	2	Not Completed

## Second Year (Total Credits: 16)

Semester	Course Code	Course Title	Credits	Completed or Not
Winter	MATH 282	Several-Variable Calculus II	4	Not Completed
	MATH 342	Elementary Linear Algebra	4	Not Completed
Spring	MATH 202	Geometry Math Lab	2	Not Completed
	MATH 205	Foundations Math Lab	2	Not Completed
	MATH 307	Intro to Proof	4	Not Completed

## Third Year (Total Credits: 24)

Semester	Course Code	Course Title	Credits	Completed or Not
Fall	MATH 316	Fundamentals of Analysis I	4	Not Completed
	Upper-division Elective		4	Not Completed
Winter	MATH 317	Fundamentals of Analysis II	4	Not Completed
	Upper-division elective		4	Not Completed
Spring	CS 122	Intro to Programming	4	Not Completed
	MATH 433	Intro to Differential Geometry	4	Not Completed

## Fourth Year (Total Credits: 32)

Semester	Course Code	Course Title	Credits	Completed or Not
Fall	MATH 444	Intro to Abstract Algebra I	4	Not Completed
	Upper-division elective		4	Not Completed
	Upper-division elective		4	Not Completed
Winter	MATH 445	Intro to Abstract Algebra II	4	Not Completed
	Upper-division elective		4	Not Completed
	Upper-division elective		4	Not Completed
Spring	MATH 320	Theory of Differential Equations	4	Not Completed
	Upper-division elective		4	Not Completed