

First Year (Total Credits: 36)

Semester	Course Code	Course Title	Type
Fall	MATH 307	Introduction to Proof	Required
	MATH 281	Several-Variable Calculus I	Required
	MATH 316	Fundamentals of Analysis I	Required
Winter	MATH 317	Fundamentals of Analysis II	Required
	MATH 282	Several-Variable Calculus II	Required
	MATH 441	Abstract Linear Algebra	Required
Spring	MATH 433	Curves and Surfaces	Required
	MATH 411	Contour Integration	Elective
	MATH 458	Mathematical Cryptography	Elective

Second Year (Total Credits: 36)

Semester	Course Code	Course Title	Type
Fall	MATH 444	Introduction to Abstract Algebra I	Required
	MATH 413	Introduction to Analysis I	Required
		Some global literacy course	Required
Winter	MATH 445	Introduction to Abstract Algebra II	Required
	MATH 414	Introduction to Analysis II	Elective
	MATH 432	Introduction to Topology II	Elective
Spring	MATH 446	Introduction to Abstract Algebra III	Elective
	MATH 415	Introduction to Analysis III	Elective
	MATH 434	Introduction to Topology III	Elective

Third Year (Total Credits: 36)

Semester	Course Code	Course Title	Type
Fall	MATH 647	Abstract Algebra I	Elective
	MATH 201	Algebra Math Lab	Required
	MATH 202	Geometry Math Lab	Required
	CS 322	Introduction to System Design	Required
Winter	MATH 648	Abstract Algebra II	Elective
	MATH 203	Analysis and Number Theory Math Lab	Required
	MATH 204	Probability and Statistics Math Lab	Required
	MATH 421M	Partial Differential Equations I	Elective
Spring	MATH 649	Abstract Algebra III	Elective
	MATH 205	Foundations Math Lab	Required
	MATH 206	Combinatorics Math Lab	Required
	MATH 422	Partial Differential Equations II	Elective