

First Year (Total Credits: 36)

Semester	Course Code	Course Title	Type
Fall	MATH 307 MATH 281 MATH 316	Introduction to Proof Several-Variable Calculus I Fundamentals of Analysis I	Required Required Required
Winter	MATH 317 MATH 282 MATH 342	Fundamentals of Analysis II Several-Variable Calculus II Linear Algebra II	Required Required Required
Spring	MATH 533 MATH 414 MATH 511	Introduction to Differential Geometry Functions and Series Contour Integration I	Required Elective Elective

Second Year (Total Credits: 36)

Semester	Course Code	Course Title	Type
Fall	MATH 513 MATH 531 MATH 512	Introduction to Analysis I Introduction to Topology I Contour Integration II	Elective Elective Elective
Winter	MATH 545 MATH 532 MATH 514	Introduction to Abstract Algebra II Introduction to Topology II Introduction to Analysis II	Required Elective Elective
Spring	MATH 546 MATH 534 MATH 515	Introduction to Abstract Algebra III Introduction to Topology III Introduction to Analysis III	Elective Elective Elective

Third Year (Total Credits: 36)

Semester	Course Code	Course Title	Type
Fall	MATH 616 MATH 634 MATH 647	Real Analysis I Algebraic Topology I Abstract Algebra I	Elective Elective Elective
Winter	MATH 617 MATH 635 MATH 648	Real Analysis II Algebraic Topology II Abstract Algebra II	Elective Elective Elective
Spring	MATH 618 MATH 636 MATH 649	Real Analysis III Algebraic Topology III Abstract Algebra III	Elective Elective Elective