(updated 1-22-2024)

Acro/Num	Course Title	Credits	Credits Earned	Term Taken	Grade	Quality Points	Semesters offered
Required courses: Core							
MATH 191	Calculus I	4					
MATH 192	Calculus II	4					
MATH 215	Introduction to Linear Algebra	3					fall
MATH 240	Calculus III	4					fall
MATH 355	Foundations of Advanced Mathematics	3					spring
MATH 389	Mathematics Colloquium (4 sem.)	0					
MATH 431	Real Analysis I **OR**	3					fall, odd years
MATH 441	Abstract Algebra I	3					spring, odd years
Required courses: Statistics Concentration							
STAT 285	Introduction to Applied Statistics	3					
MATH 426	Mathematical Modeling	3					fall, odd years
STAT 340	Probability Theory with Stat. App.	3					spring
STAT 440	Mathematical Statistics	3					fall, even years
At least 6 credits in additional courses							
MATH 286	Differential Equations	3					spring
MATH 315	Advanced Linear Algebra	3					spring, odd years
MATH 405	Applied Mathematics	3					fall, even years
MATH 408	Complex Analysis	3					spring, odd years
MATH 431	Real Analysis I	3					fall, odd years
MATH 432	Real Analysis II	3					spring, even years
MATH 441	Abstract Algebra I	3					spring, odd years
MATH 442	Abstract Algebra II	3					
MATH 475	Geometry (see note 3)	3					fall, odd years
MATH 487	Special Topics	1-3					
MATH 495	Independent Study	1-3					
MATH 497	Research in Mathematics	0-3					
Cognate (choose at least 1 course)							
ENGR 365	Numberical Methods for Engineers	3					fall
CPTR 151	Computer Science I	3					
CPTR 230	Data Science Fundamentals	3					spring

Notes: