

<b>Mathematics Pure Track</b>			<b>Cr</b>
<b>Required Courses:</b>			
	Math 253	Caclulus III	4
	Math 281	Several Variable Calculus I	4
	Math 282	Several Variable Calculus II	4
	Math 341	Elementary Algebra I	4
	Math 342	Elementary Algebra II	4
	Math 316-317	Fundamentals fo Analysis I & II	8
	Math 444-445	Introduction to Abstract Algebra I & II	8
	CS 122	Introto Programming and Problem Solving	4
	or CS 210	Computer Science I	
<b>Bridge Set</b>			<b>12</b>
	Math 307	Introduction to Proof	
or		and 4 courses from 201-206	
	Math 231-232	Elements of Discrete Mathematics I & II	
		and 2 courses from 201-206	
<b>Upper Division</b>			<b>8</b>
Choose 2	Math 343*	Statistical Models and Methods	
	Math 345*	Probability and Statistics for Data Science	
	Math 347	Fundamentals of Number Theory I	
	Math 348	Fundamentals of Number Theory II	
	Math 351	Elementary Numerical Analysis I	
	Math 352	Elementary Numerical Analysis II	
	Math 394	Geometries from an Advanced Viewpoint I	
	Math 395	Geometries from an Advanced Viewpoint II	
	Math 397	History and Applications of Calculus	
	Math 410	Experimental Course: [Topic]	
	Math 411	Functions of a Complex Variable I	
	Math 412	Functions of a Complex Variable II	
	Math 413	Introduction to Analysis I	
	Math 414	Introduction to Analysis II	
	Math 415	Introduction to Analysis III	
	Math 421	Partial Differential Equations: Fourier Analysis I	
	Math 422	Partial Differential Equations: Fourier Analysis II	
	Math 431	Introduction to Topology I	
	Math 432	Introduction to Topology II	
	Math 433	Introduction to Differential Geometry	
	Math 441	Linear Algebra	
	Math 446	Introduction to Abstract Algebra III	
	Math 456	Networks and Combinatorics	
	Math 461	Intro to Mathematical Methods of Statistics I	
	Math 458	Introduction to Mathematical Cryptography	
	Math 462*	Intro to Mathematical Methods of Statistics II	
	Math 463	Methods of Regression Analysis and Analysis of Variance	
	Math 467	Stochastic Processes	
<b>Total Credits</b>			<b>60</b>

[\\*See Catalogue restrictions](#)

Updated Fall 2024