

Mathematics Pure Track			Cr
Mathematics (BA/BS) < University of Oregon			
Required Courses:			
	Math 253	Caclulus III	4
	Math 281	Several Variable Calculus I	4
	Math 282	Several Variable Calculus II	4
	Math 341	Elementary Linear Algebra I	4
	Math 342	Elementary Linear Algebra II	4
	Math 316-317	Fundamentals of Analysis I & II	8
	Math 444-445	Introduction to Abstract Algebra I & II	8
	CS 122	Intro to Programming and Problem Solving	4
	or CS 210	Computer Science I	
Bridge Set			12
	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	
Upper Division			8
Choose 2	Math 343*	Statistical Models and Methods	
	Math 345M*	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: [Topics vary]	
	Math 411	Functions of a Complex Variable I	
	Math 413	Introduction to Analysis I	
	Math 414	Introduction to 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 458	Introduction to Mathematical Cryptography	
	Math 461	Intro to Mathematical Methods of Statistics I	
	Math 462	Intro to Mathematical Methods of Statistics II	
	Math 463	Methods of Regression Analysis and Analysis of Variance	
	Math 467	Stochastic Processes	
Total Credits			60

[*See Catalogue restrictions](#)

Updated Winter 2025