

Here is the list of intended course offerings for 24-25. Please be aware that some plans may change due to things like instructor availability. The courses that are crossed out will not be offered. Some of the courses with ??? in the term column may be offered. If you have suggestions regarding which of these might be offered, or suggestions for topics courses, please email upcms@uvic.ca.

MATH

100 - Calculus I	Every
101 - Calculus II	Every
102 - Calculus for Students in the Social and Biological Sciences	Fall, Spring
110 - Matrix Algebra for Engineers	Fall
120 - Precalculus Mathematics	Fall
122 - Logic and Foundations	Every
151 - Finite Mathematics	Every
161 - Mathematics for Elementary School Teachers I	Fall
162 - Mathematics for Elementary School Teachers II	Spring
199 - Topics	
200 - Calculus III	Every
202 - Intermediate Calculus for CSC and EOS	Every (for the next year)
204 - Calculus IV	Every
211 - Matrix Algebra I	Every
212 - Introduction to Algebra	Fall, Spring
222 - Discrete and Combinatorial Mathematics	Fall, Spring
236 - Introduction to Real Analysis	Fall, Spring
248 - Computer Assisted Mathematics	Fall

MATH

301 - Complex Analysis	Summer, Fall
311 - Linear Algebra	Fall
312 - Abstract Algebra	Spring
315 - History of Mathematics	
320 - Graph Theory	Fall
322 - Combinatorial Structures and Enumeration	Spring
335 - Real Analysis	Spring
342 - Intermediate Ordinary Differential Equations	Fall
346 - Introduction to Partial Differential Equations	Summer, Spring
347 - Introduction to Continuous Optimization	???
348 - Numerical Methods	Spring
352 - Introduction to Probability	Spring
362 - Elementary Number Theory	Fall
365 - Introduction to Topology	Spring
366 - Geometry	Fall
367 - Non-Euclidean Geometry	
369 - Differential Geometry in R^3	Spring
375 - Philosophy of Mathematics	??? (up to PHIL)
376 - Introduction to Mathematical Biology	Spring
377 - Mathematical Modelling	Fall
379 - Dynamical Systems	???

MATH

401 - Complex Analysis		???
412 - Abstract Algebra II		Spring
413 - Applied Algebra		Fall
414 - Algebraic Methods in Combinatorics		
424 - Structural Graph Theory		Spring
426 - Extremal Combinatorics		Fall
427 - Combinatorial Designs		
428 - Discrete Optimization		
435 - Real Analysis II		Fall
436 - Calculus on Manifolds		
442 - Advanced Ordinary Differential Equations		???
444 - Topics in Fluid Dynamics		???
446 - Advanced Partial Differential Equations		Fall
449 - Scientific Computing		
451 - Probability		Spring
452 - Stochastic Processes		Fall
462 - Topics in Number Theory		???
465 - Topics in Topology		???
475 - Topics in Mathematical Biology		Unsure (instructor availability)
477 - Stochastic Financial Modelling		Spring
481 - Mathematical Logic		???
492 - Topics in Applied Mathematics	(Which?)	???
493 - Topics in Pure Mathematics	(Which?)	???
498 - Seminar and Independent Project		Both
550 - Algebra		

STAT

123 - Data Science	Summer, Spring
252 - Statistics for Business	Fall, Spring
254 - Probability and Statistics for Engineers	Fall
255 - Statistics for Life Sciences I	Every
256 - Statistics for Life Sciences II	Spring
260 - Introduction to Probability and Statistics I	Every
261 - Introduction to Probability and Statistics II	Spring
350 - Mathematical Statistics I	Summer, Fall
353 - Applied Regression Analysis	Fall
354 - Sampling Techniques	Spring
355 - Statistical Methods in Health Sciences	Spring
359 - Data Analysis	Spring
450 - Mathematical Statistics II	Spring
453 - The Design and Analysis of Experiments	Spring
457 - Time Series Analysis	Fall
458 - Generalized Linear Models	Fall
469 - Machine Learning	Spring
498 - Seminar and Independent Project	Both