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1	Mathematics Prerequisites 2025-26	
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4	Course Title	Prerequisites
5	MATH 1190 Fundamental Mathematics	NS Grade 12 Mathematics or equivalent
6	MATH 1202 Concepts and Topics in MATH	NS Grade 12 Mathematics or equivalent
7	MATH 1203 Concepts in High School MATH	MATH 1202
8	MATH 1204 Introduction to Geometry	MATH 1203 or MATH 1208
9	MATH 1210 Introductory Calculus I	NS Grade 12 Pre-Calculus or equivalent and either MATH 1190 or passing placement test
10	MATH 1211 Introductory Calculus II	MATH 1210
11	MATH 1216 Intro to Mathematical Statistics	MATH 1210 or MATH 1250
12	MATH 1250 Calculus for Life Sciences I	NS Grade 12 Pre-Calculus or equivalent
13	MATH 1251 Calculus for Life Sciences II	MATH 1250 or MATH 1210
14	MATH 2301 Applied Linear Algebra	NS Grade 12 Pre-Calculus or equivalent
15	MATH 2303 Differential Equations I	MATH 1211
16	MATH 2305 Survey of Discrete Mathematics	NS Grade 12 Pre-Calculus or equivalent
17	MATH 2307 Theoretical Foundations of Computing Science	CSCI 1228 and MATH 2305
18	MATH 2308 Intro to Numerical Analysis	MATH 1211 and CSCI 1226
19	MATH 2310 Introductory Analysis	MATH 2305 and MATH 2311 with at least a C in each
20	MATH 2311 Intermediate Calculus	MATH 1211
21	MATH 2315 Intro to Probability Theory	MATH 1210 and MATH 2305 with at least a C in each
22	MATH 2321 Linear Algebra II	MATH 2301 and MATH 2305 with at least a C in each
23	MATH 3309 Advanced Numerical Analysis	MATH 2308 [CSCI 2308] with a grade of at least C
24	MATH 3406 Differential Equations II	MATH 2311, MATH 2303 or MATH 3405, MATH 2301 with a grade of at least C in each.
25	MATH 3415 Mathematical Statistics	MATH 2311 with a grade of at least C and a course in CSCI
26	MATH 3434 Geometry	MATH 2305 and MATH 2301 with a minimum grade of C in each
27	MATH 3441 Real Analysis I	MATH 2310 with a minimum grade of C
28	MATH 4408 Num Solution Initial Value ODE	MATH 2308 [CSCI 2308] with a grade of at least C
29	MATH 4409 NumSol Bound ValOrd Diff Equat	MATH 2308 [CSCI 2308] with a grade of at least C
30	MATH 4420 Abstract Algebra I	MATH 2321 and MATH 2305 with a minimum grade of C in each
31	MATH 4421 Abstract Algebra II	MATH 4420 or permission of instructor
32	MATH 4426 Intro to Combinatorics	MATH 2305 with a minimum grade of C
33	MATH 4427 Computational Methods in Graph Theory	MATH 2305 with a minimum grade of C, or permission of instructor
34	MATH 4432 Elementary Topology	MATH 3441
35	MATH 4436 Theory of a Complex Variable	MATH 2310 with a minimum grade of C
36	MATH 4437 Theory of Functions of a Complex Variable II	MATH 4436
37	MATH 4442 Real Analysis II	MATH 3441
38	MATH 4500 Thesis MATH	Honours Standing