

FACULTY OF SCIENCE, APPLIED SCIENCE, & ENGINEERING

Degree Evaluation – BSc. Mathematics

Updated April 2021



GENERAL INFORMATION

TOTAL: /129ch

Last Name:	First Name:	Student ID:
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REQUIRED COURSES:

/84ch

<input type="checkbox"/>	MATH 1003 – Intro Calculus I	3ch	<input type="checkbox"/>	1 st Year Science ²	LEC (18ch)	LAB(8ch)
<input type="checkbox"/>	MATH 1013 – Intro Calculus II	3ch	<input type="checkbox"/>			
<input type="checkbox"/>	MATH 1503 – Linear Algebra I	3ch	<input type="checkbox"/>	1 st Year Science ²		
<input type="checkbox"/>	MATH 2203 ¹ – Discrete Mathematics	3ch	<input type="checkbox"/>			
<input type="checkbox"/>	MATH 2513 – Multivariate Calculus	4ch	<input type="checkbox"/>	1 st Year Science ²		
<input type="checkbox"/>	MATH 2523 – Differential Equations and Series	3ch	<input type="checkbox"/>			
<input type="checkbox"/>	MATH 3213 - Linear Algebra II	3ch	<input type="checkbox"/>	MATH 3/4XXX ³		3ch
<input type="checkbox"/>	MATH 3713 - Analysis I	3ch	<input type="checkbox"/>	MATH 3/4XXX ³		3ch
<input type="checkbox"/>	MATH 3733 – Abstract Algebra	3ch	<input type="checkbox"/>	MATH 3/4XXX ³		3ch
<input type="checkbox"/>	STAT 1793 – Intro to Probability & Statistics I	3ch	<input type="checkbox"/>	MATH 3/4XXX ³		3ch
<input type="checkbox"/>	STAT 2793 – Intro to Probability & Statistics II	3ch	<input type="checkbox"/>	MATH 3/4XXX ³		3ch
<input type="checkbox"/>	STAT 3793 (3083) – Prob and Math Stats I	3ch	<input type="checkbox"/>	CS ⁴		min 3ch
<input type="checkbox"/>	STAT 4793 (3093) – Prob and Math Stats II	3ch	<input type="checkbox"/>			

UPPER LEVEL ELECTIVES (3-4000 level)

/21ch

<input type="checkbox"/>		<input type="checkbox"/>	
<input type="checkbox"/>		<input type="checkbox"/>	
<input type="checkbox"/>		<input type="checkbox"/>	
<input type="checkbox"/>		<input type="checkbox"/>	

FREE ELECTIVES (any level)⁵

/24ch

<input type="checkbox"/>		<input type="checkbox"/>	
<input type="checkbox"/>		<input type="checkbox"/>	
<input type="checkbox"/>		<input type="checkbox"/>	
<input type="checkbox"/>		<input type="checkbox"/>	

NOTES:

- It is recommended that MATH 2203 is taken in the first or second year.
- Combinations must include minimum 18ch lecture and 8ch of options:
BIOL1105/1205/1017, CHEM1041/1046/1072/1077 (CHEM1872/1877), GEOL1044/1074, PHYS1011/1012/1021/1022 (APSC1013/1023)
- One STAT 3/4XXX may be exchanged for a MATH 3/4XXX; MATH 3633 cannot be counted towards the 15chs of upper level MATH.
- CS 1303 cannot count towards 3chs of Computer Science requirement; may include CMPE 1003.
- The number of required Free Elective ch (any level) may vary if additional science or upper level courses are taken, but must bring the total number counting towards the program to a minimum of 129 credit hours.
- A **minimum grade of C is required in ALL courses** counting for credit for this program.
- There are **select courses that cannot count towards the program**: CHEM 1831, IT courses, MATH 1853, MATH 1863, MATH 2633, SCI 1862, SCI 1872, and UNIV courses. Also, clinical/practicum or co-op courses will not count for credit.

This checklist is meant to be an informal guide to your major. Students are responsible for their own academic choices and should always consult the Undergraduate Academic Calendar for program information prior to academic decisions. If any irregularities occur – the Academic Calendar will be the final source for decisions. Electives must include any general degree requirements. See UNB Undergraduate Academic Calendar for UNB regulations and program descriptions.