

**DEPARTMENT OF MATHEMATICS & STATISTICS
FACULTY OF ARTS AND SCIENCE
QUEEN'S UNIVERSITY**

Advice for students entering second year during 2021-22

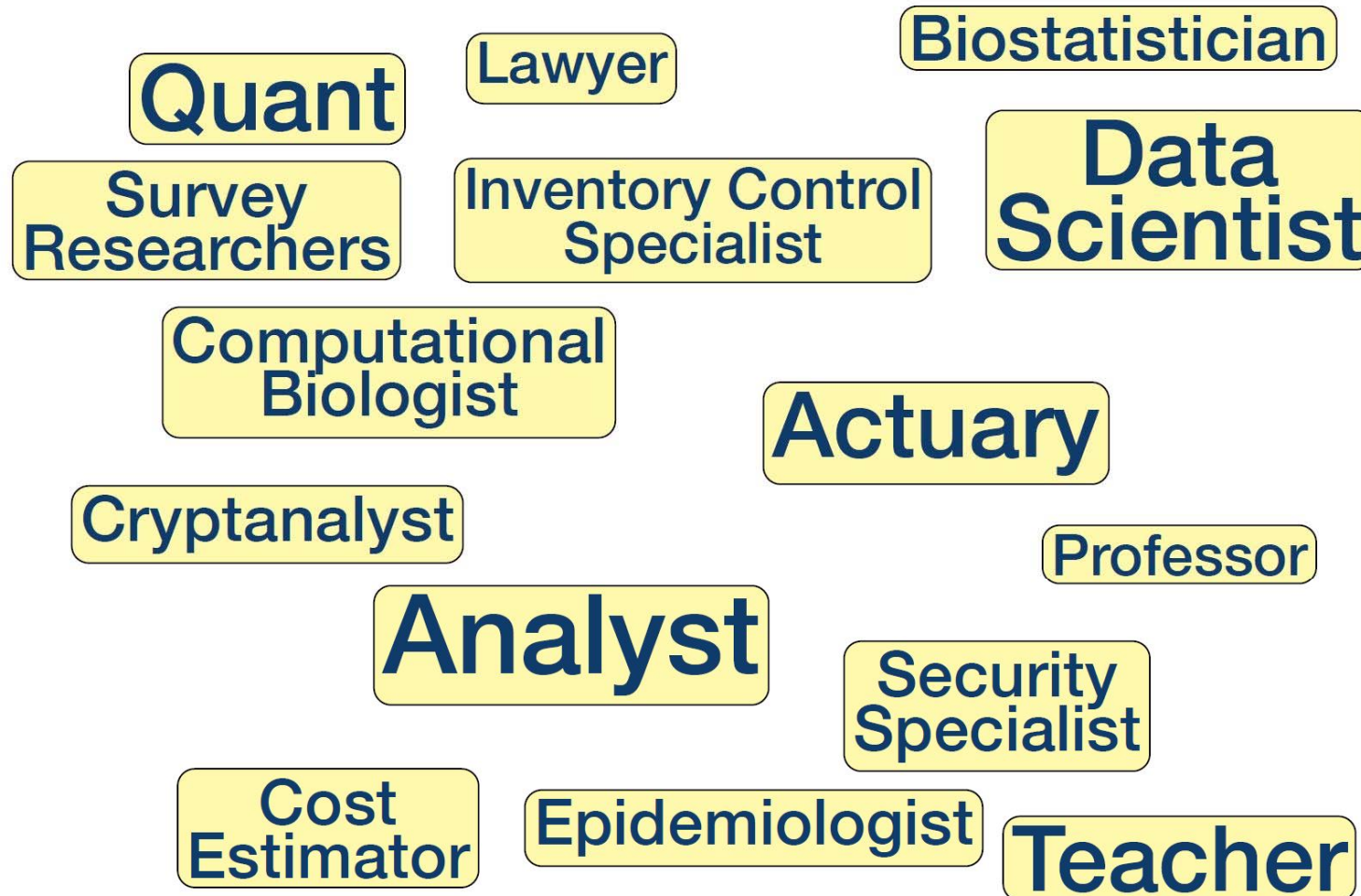


Complete information about program requirements, courses of study, and academic regulations can be found in the Faculty of Arts and Science Academic Calendar.

For advice about degree programs or courses, please email the Chair of Undergraduate Studies at mastugch@queensu.ca



Jobs



Degree Programs

There are many types of programs in Mathematics & Statistics —
Specializations, Majors, Medials and Minors.

Plan	Degree	Program Name	Units
BIMA-P	BSH	Biology and Mathematics — Specialization (Science)	84.0
COMA-P	BCH	Computing, Math and Analytics—Specialization (Science)	84.0
MAPH-P	BSH	Mathematical Physics — Specialization (Science)	105.0
MATH-M	BSH	Mathematics — Major (Science)	60.0
STAT-M	BSH	Statistics —Major (Science)	60.0
MATH????-A	BAH	Mathematics — Medial (Arts)	2x42.0
STAT????-A	BAH	Statistics —Medial (Arts)	2x42.0
MATH-Z	BSH	Mathematics — Minor (Science)	48.0
STAT-Z	BSH	Statistics — Minor (Science)	48.0
MATH-Y	BAH	Mathematics — Minor (Arts)	30.0
STAT-Y	BAH	Statistics— Minor (Arts)	30.0
MATH-G	BSC	Mathematics — General (Science)	48.0
STAT-G	BSC	Statistics— General (Science)	48.0
MATH-G	BA	Mathematics — General (Arts)	30.0
STAT-G	BA	Statistics— General (Arts)	30.0

Numbers of concentrators

Plan	2015	2016	2017	2018	2019	2020
Math Major	48	50	83	77	69	77
Math Medial	6	9	10	8	7	11
Math Minor	18	30	36	28	44	39
Stat Major	8	23	29	36	52	57
Stat Medial	1	1	3	2	3	0
Stat Minor	1	1	3	3	0	5
BIMA	12	4	7	11	8	22
COMA	9	7	21	22	22	22
MAPH	3	7	4	1	4	6
Total	106	132	196	188	209	239

MATH Major		
	FALL	WINTER
Level 1	MATH 110 Linear Algebra	
	MATH 120 Differential and Integral Calculus	
Level 2	MATH 280 Advanced Calculus	MATH 281 Introduction to Real Analysis
	STAT 268 Statistics and Probability I	STAT 269 Statistics and Probability II
	MATH 231 Differential Equations	MATH 210 Rings and Fields

STAT Major		
	FALL	WINTER
Level 1	MATH 110 Linear Algebra	
	MATH 120 Differential and Integral Calculus	
Level 2	MATH 280 Advanced Calculus	MATH 281 Introduction to Real Analysis
	STAT 268 Statistics and Probability I	STAT 269 Statistics and Probability II
	Available options STAT 362 (W) R for Data Science	

MATH Medial		
	FALL	WINTER
Level 1	MATH 111 or 110 Linear Algebra	
	MATH 121 or 120 Differential and Integral Calculus	
Level 2	MATH 221 or 280 Vector Calculus	MATH 225 or 231 Differential Equations
	STAT 252 or 268 Probability	STAT 263 or 269 Statistics
	Available options MATH 211 (F/W) Algebraic Methods	

STAT Medial		
	FALL	WINTER
Level 1	MATH 111 or 110 Linear Algebra	
	MATH 121 or 120 Differential and Integral Calculus	
Level 2	MATH 221 or 280 Vector Calculus	
	STAT 252 or 268 Probability	STAT 263 or 269 Statistics
	Available options MATH 211 (F/W) Algebraic Methods STAT 362 (W) R for Data Science	

MATH Minor		
	FALL	WINTER
Level 1	MATH 111 or 110 or (112+212) Linear Algebra	
	MATH 121 or 126 or 120 Differential and Integral Calculus	
Level 2	STAT 252 or 268 Probability or Statistics	
	Available options MATH 211 (F/W) Algebraic Methods MATH 212 (F) Vector Calculus MATH 225 (F&W) Differential Equations	

STAT Minor		
	FALL	WINTER
Level 1	MATH 111 or 110 or 112+ Linear Algebra	
	MATH 121 or 126 or 120 Differential and Integral Calculus	
Level 2	MATH 221 Vector Calculus	
	STAT 252 or 268 Probability	STAT 263 or 269 Statistics
	Available options MATH 211 (F/W) Algebraic Methods STAT 362 (W) R for Data Science MATH 225 Differential Equations	

UPPER-YEAR COURSES

- Students should keep in mind that some of the 300- and 400-level courses are not offered every year and that many 400-level courses may be taken in third year.
- The Mathematics major offers you the freedom to explore many different areas of study. See the Department website for a listing of all our courses and do not hesitate to ask members of faculty for suggestions and details.

