

**QUEENS COLLEGE**  
**DEPARTMENT OF MATHEMATICS**  
**STANDARD MAJOR (PURE MATH) CONCENTRATION**

**MAJOR CODE:** MATH-BA  
**CONCENTRATION CODE:** MATH-PURE

**CONCENTRATION ADVISOR:** Dr. Moshe Adrian  
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**Residency Requirement:** At least **18** credits of these required and electives must be taken at Queens College.

**Required Courses:**

A)	MATH 151 and 152 (or the equivalent)	Calculus I and II
B)	MATH 201	Multivariable Calculus
C)	MATH 202 (or 207)	Advanced Calculus
D)	MATH 231	Linear Algebra I
E)	MATH 301 (or 601)	Abstract Algebra I
F)	MATH 310	Elementary Real Analysis

**Elective Courses:** EIGHT mathematics courses at the 200-, 300-, 600-, or 700-level (excluding MATH 205, 218, 255, 271, 272, and 385W). Up to two of the following courses may be taken to fulfill elective requirements: CSCI 111, CSCI 320, PHYS 207, or PHYS 243. (Some of these elective courses required a prerequisite that does not count towards the math major, but would count towards a major or minor in that subject)

It is recommended that all pure math majors take computational courses such as MATH 250 or CSCI 111.

Students who aim for Honors in Mathematics or who intend to continue their studies toward an eventual Master's or PhD degree in Mathematics are encouraged to take the more advanced and theoretical 300-, 600-, and 700-level courses.