Mathematics (BA)

Elementary Education Option   **Kiely Hall 243**
33 - 35 credits   **(718) 997-5800**

CONCENTRATION ADVISOR: Dr. Alan Sultan
                              Office: Kiely Hall room 243
                              Telephone #: (718) 997-5811
                              Email: Alan.Sultan@qc.cuny.edu

Courses Required for Major

Number	Title	Credits	Pathway
Math 119	Math for Elementary School Teachers	3	MQR
Math 141	Calculus/Differentiation	3	MQR
Math 142	Calculus/Integration	3	MQR
Math 143	Calculus/Infinite Series (or equivalent: MATH 151 & 152, 8 credits)	3	MQR
Math 220	Discrete Mathematics (or MATH 209 or MATH 509)	3	MQR
Math 231	Linear Algebra I	4	MQR
Math 241	Intro. to Probability and Math Statistics	3	MQR
Math 218	College Geometry (or MATH 318 or MATH 518 or MATH 618)	3	MQR
CSCI	CSCI 12 or higher	3	MQR

Plus, <u>TWO</u> additional MATH courses numbered 200 or above will be chosen with the advice and approval of the student's Mathematics department adviser.

Elementary and Early Childhood Education courses are listed under the Elementary Education major in the College Undergraduate Bulletin and are 42 credits.

<u>**Note:**</u> A student who has received two grades of D+ or lower in math courses may not proceed with further math courses without special permission.

<u>**Residency Requirement:**</u>   **At least 12 credits of these required and electives must be taken at Queens College.**

For specific career objectives, see Bulletin for recommended elective courses.

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