KINGSBOROUGH COMMUNITY COLLEGE
The City University of New York

A.S. MATHEMATICS• Total credits: 60
Requirements for Matriculants

COLLEGE REQUIREMENTS
Passing scores on the CUNY/Tests in Reading and Writing and the COMPASS Math Skills Test or developmental courses may be required.

At least one (1) Writing Intensive course in any discipline is required. Participation in a Learning Community also satisfies this requirement.

HE 1400 Critical Issues in Personal Health 1 credit

CUNY CORE: Where applicable, it is recommended that courses required for the major also satisfy Required or Flexible Core requirements. Such courses are MAT 1500, 1600 and 9100.

REQUIRED CORE:
  ENG 1200  3 credits
  ENG 2400  3
  Mathematical and Quantitative Reasoning
  Life and Physical Sciences

FLEXIBLE CORE: One (1) course from each group A through E. No more than two courses in the same discipline. Courses that satisfy each group are listed in the Programs and Course Requirements section of the KCC Catalog. Look on this list for courses that satisfy Scientific World (Category E) and are also required for the major. Such courses are MAT 1500, 1600 and 9100.

  A. World Cultures & Global Issues
  B. U.S. Experience In Its Diversity
  C. Creative Expressions
  D. Individual & Society
  E. Scientific World
  Plus another course selected from any Group A – E

REQUIREMENTS FOR THE MAJOR §
+ Calculus I, II and III (MAT 1500, 1600, 2100) 12 credits
  Differential Equations (MAT 5500) 3
  Linear Algebra (MAT 5600) 3
  Biostatistics (MAT/BIO 9100) or Business Statistics (MAT/BUS 2200) 4
  Introduction to Computing (CS 1200) 4
  Discrete Structures (CS 3500) 4 (reduced from 5)
  Choose two courses from:
     CS 13A0 #, CS 1400 or MAT 1100 8

• This program is within the Mathematics and Computer Science Department.
§ Consultation with the Department Advisor is required.
+ Prerequisites must be met or additional credits may be required.