

A.S. MATHEMATICS•

Total credits: 60

Requirements for Matriculants

COLLEGE REQUIREMENTS

Successful completion of CUNY/ACT Tests in Reading and Writing and the COMPASS Math Skills Test with passing examination scores or developmental courses may be required.

One (1) Writing Intensive course in any discipline from any category below is required. Such courses are designated "W". Participation in a Learning Community that includes ENG 12 also satisfies this requirement.

ENG 01200.....	3 credits
ENG 02400.....	3
HE 01400	1

A passing score on the CUNY Proficiency Exam (CPE) is required for graduation and must be taken following the completion of 45 credits.

DEPARTMENT REQUIREMENTS §

+Calculus I, II and III (MAT 01500, 01600, 02100).....	12 credits
Differential Equations (MAT 05500).....	3
Linear Algebra (MAT 05600).....	3
Introduction to Computing (CS 01200).....	4
Choose two courses from: CS 013A0, CS 01400, CS 03500, MAT /BIO 09100 or MAT 01100	8
Laboratory Science	8

GENERAL EDUCATION REQUIREMENTS — 9 CREDITS

A minimum of three (3) credits in Group A, three (3) credits in Group B, and three (3) credits from either Group A or Group B in a different discipline. Credits in Group C satisfied by department requirements.

Group A — ARTS AND HUMANITIES3 - 6 credits
Art – Foreign Language – Literature – Media & Film Studies – Music – Philosophy – Speech – Theatre Arts
Excluded are Art studio, Music studio, Theatre production & skills courses

Group B — SOCIAL SCIENCES3 - 6 credits
Anthropology – Economics – History – Political Science – Psychology – Sociology

Group C — MATHEMATICS AND SCIENCES – *Satisfied by Department Requirements*

ELECTIVES: 6 credits sufficient to meet the required total of 60 credits

• 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.