

A.A.S. COMPUTER INFORMATION SYSTEMS•

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 remedial 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 §

Introduction to Computer Programming (CP 00500).....	4
C Programming 1 (CP 02100)	4
C Programming 2 (CP 02200)	4
Introduction to Operating Systems (CIS 01200).....	3
Applied Computer Architecture (CIS 01500).....	1
Introduction to Database (CIS 03100)	4
Fundamentals of Accounting I (ACC 01100).....	4

Choose **three** of the following for a total of 12 credits:

- JAVA Programming 2 (CP 06200)
- Programming In UNIX/LINUX (CP 07100)
- Introduction to Webpage Development (CIS 02100)
- HTML Authoring and Javascript (CIS 02200)
- Network Server Administration (CIS 04500)
- Advanced Network Server Administration (CIS 04600)
- Advanced Database Programming (CIS 03200)

GENERAL EDUCATION REQUIREMENTS — 17 credits

Nine (9) credits from Groups A and B (a minimum of three (3) credits from each group plus three (3) more credits in another discipline from either Group A or B) plus eight (8) credits from Group C.

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

Group B — BEHAVIORAL AND SOCIAL SCIENCES.....3 – 6 credits
Disciplines: *Anthropology - Economics - History – Political Science - Psychology - Sociology*

Group C — MATHEMATICS AND SCIENCES8 credits
Choose **one** of the following (NOTE: Prerequisites REQUIRED): Finite Mathematics (MAT 01100)
or Analytic Geometry and Pre-Calculus Math (MAT 01400)
One laboratory science course selected from: *Biology - Chemistry - Earth & Planetary Science – Physics*

- This program is within the Mathematics and Computer Science Department.
- §Consultation with the Department Advisor is required.