

Associate of Arts to Bachelor of Science in Computer Science

The following is presented as an articulation agreement between City Colleges of Chicago (CCC) and Governors State University (GSU) for the Computer Science degree program based on the current catalogs of both schools. The student would receive an Associate of Arts (AA) degree from one of the CCC and a Bachelors of Science (BS) degree in Computer Science from GSU.

I. TRANSFERABLE GENERAL EDUCATION CORE CURRICULUM: (39-40 Hours)

Communications (9 hours)

- ENG 101 - Composition (3)
- ENG 102 - Composition (3)
- SPEECH 101 - Fundamentals of Speech Communications (3)

Humanities and Fine Arts (9 hours)

- Fine Arts Course (3)*
- Humanities Course (3)*
- Humanities or Fine Arts Course (3)*

Mathematics (5 hours)

- MATH 204 - Calculus for Business and Social Sciences (5)** (Meets MATH 2281)

Physical and Life Sciences (7-8 hours)

Select one course each in both biological and physical science. You must also have at least one laboratory science course.

- Life Science Course (3-4)*
- Physical Science Course (3-4)*

Social and Behavioral Sciences (9 hours)

- Social and Behavioral Science Courses from at least two different disciplines (9)*

II. MAJOR COURSES (6 Hours)

- CIS 120 - Intro to Microcomputers (3) (Meets CPSC 2100)
- CIS 144 - JAVA-based Programming Language (3) (Meets CPSC 3148)

III. ELECTIVE (14-15 Hours)

- CIS 142 - C-based Programming Language (3) (recommended)
- CIS 244 - Advanced JAVA Programming Language (3) (recommended)
- MATH 146 - Discrete Mathematics (4) (recommended)
- Free electives (4-5)

REQUIRED A.A. DEGREE PROGRAM TOTAL: 60 Hours

* Refer to the CCC AA guidelines for a list of course choices in Section I & III.

** May require pre-requisite course(s).

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IV. TO BE TAKEN AT GSU (60 Hours)

Required Courses (30 Hours)

- CPSC 3099 - Junior Seminar (3)
- CPSC 3310 - Introduction to Object-Oriented Programming (3)
- CPSC 4190 - Introduction to Software Engineering (3)
- CPSC 4205 - Computer Organization (3)
- CPSC 4335 - Operating Systems (3)
- CPSC 4338 - Discrete Structures (3)
- CPSC 4342 - Introduction to Computer Networks (3)
- CPSC 4345 - Database Systems (3)
- CPSC 4355 - Data Structures and Algorithms (3)
- CPSC 4900 - Senior Project and Seminar (3)

Advanced Selectives (27 Hours)

Please see GSU Catalog for the approved list and other computer science courses as approved by GSU academic advisor.

Electives (3 Hours)

Minimum Required for BS in Computer Science: 120 Hours

**For Additional Information:
Governors State University
Office of Admissions
(708) 534-4490**

**TransferGuide@govst.edu
[College of Arts and Sciences website at
www.govst.edu/cas](http://www.govst.edu/cas)**

**City Colleges of Chicago
Counseling or Transfer Center
Daley College
(773) 838-7935 or 838-7980
Harold Washington College
(312) 553-5778
Kennedy-King College
(773) 602-5285
Malcolm X College
(312) 850-7464
Olive- Harvey College
(773) 291-6251
Truman College
(773) 907-4735
Wright College
(773) 481-8227**

GSU Transfer Guide 5.7.2020

