

Associate in Arts to Bachelor of Science in Computer Science

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

I. TRANSFERABLE GENERAL EDUCATION CORE CURRICULUM: (38-39 Hours)

Communications (9 hours)

- ENG 101 - Rhetoric I (3)
- ENG 102 - Rhetoric II (3)
- SPE 101 - Principles of Public Speaking (3)

Humanities and Fine Arts (9 hours)

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

Mathematics (4 hours)

- MAT 201 - Calculus I (4) **OR**
- MAT 224 - Calculus for Business or Social Science (4) (Meets MATH 2281)

Physical and Life Sciences (7-8 hours)

- Select one life science and one physical science course and one must have a lab.
- 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. ADDITIONAL ASSOCIATE DEGREE REQUIREMENTS (2 hours)

- Health, Technology and College Readiness Course (2)*

III. AREA OF CONCENTRATION/MAJOR FIELD (12 hours)

- CIS 170 - Introduction to JAVA (3) (Meets CPSC 3148)
- CPS 111 - Business Computer Systems (3) (Meets CPSC 2100)
- CPS 200 - C++ Programming (3) (recommended)
- MAT 181 - Discrete Mathematics (3) (recommended)

IV. ELECTIVES (9-10 Hours)

- Free electives (9-10)

REQUIRED A.A. DEGREE PROGRAM TOTAL: 62 Hours

* Refer to the Morton AA guidelines for a list of course choices in Section I - IV.

V. TO BE TAKEN AT GSU (58 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 (1 Hour)

Minimum Required for BS in Computer Science: 120 Hours

For Additional Information:

Governors State University

Office of Admission

(708) 534-4490

TransferGuide@govst.edu

[Visit the College of Arts and Sciences at](http://www.govst.edu/cas)

www.govst.edu/cas

Morton College

Transfer Center

(708) 656-8000 ext 245

[Visit Morton College at www.morton.edu](http://www.morton.edu)

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