



## Associate of Arts to Bachelor of Science in Computer Science

The following is presented as an articulation agreement between South Suburban College (SSC) 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 SSC and a Bachelors of Science (BS) degree in Computer Science from GSU.

### I. TRANSFERABLE GENERAL EDUCATION CORE CURRICULUM: (38-40 Hours)

(Refer to the AA/AS Degree Guidelines for a list of courses in Section I)

#### Communications (9 hours)

- ENG 101 - Composition and Rhetoric (3)
- ENG 102 - Composition and Literature (3)
- SPE 108 - Oral Communications (3)

#### Humanities and Fine Arts (9 hours)

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

#### Mathematics (4-5 hours)

- MTH 180 **or** 190 - Calculus for Business & Social Sciences (4) **or** Calculus & Analytic Geometry I (5) (Meets MATH 2281)

#### Physical and Life Sciences (7-8 hours)

At Least one course must contain 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. AREA OF CONCENTRATION/MAJOR FIELD (9 hours)

- MIS 101 - Computer Literacy and Applications (3) (Meets CPSC 2100)
- MIS 212 - Visual C+ Programming (3) (recommended)
- MIS 216 - Java Programming Introduction (3) (Meets CPSC 3148)

### III. ADDITIONAL GENERAL EDUCATION REQUIREMENT (1 hour)

- OCS 121 - Overview for College Success (1)

### IV. ELECTIVES (9-11 Hours)

- MIS 102 - Computer Logic (3) (pre-req for MIS 216)
- Free Electives (6-8)\*

### REQUIRED A.A. DEGREE PROGRAM TOTAL: 62 Hours

\* Refer to the SSC AA/AS guidelines for a list of course choices for Section I-IV.

# Transfer Guide



## 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](mailto:TransferGuide@govst.edu)

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

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**South Suburban College**

**Counseling & Transfer Center**

**(708) 596-2000 Ext. 2241**

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