Associate in Arts to
Bachelor of Science in Computer Science

The following is a transfer guide between College of DuPage (COD) and Governors State University (GSU) for the Computer Science degree program based on the current catalogs for both institutions. The student would receive an Associate in Arts (AA) degree from COD and a Bachelors of Science (BS) degree in Computer Science from GSU.

I.   TRANSFERABLE GENERAL EDUCATION CORE CURRICULUM: (38-40 Hours)
Communications (9 hours)
>   ENGLI 1101   - English Composition I (3)
>   ENGLI 1102   - English Composition II (3)
>   SPEEC 1100   - Fundamentals of Speech Communications (3)

Humanities and Fine Arts (9 hours)
>   Humanities Course (3)*
>   Fine Arts Course (3)*
>   Humanities or Fine Arts Course (3)*

Mathematics (4-5 hours)
>   MATH 2134   - Calculus for Business and Social Science (4) **OR**
>   MATH 2231   - Calculus and Analytic Geometry (5) (Either Course Meets MATH 2281)

Physical and Life Sciences (7-8 hours)
Select one life science course and one physical science course. One course must have a lab.
>   Life Science Course (3-4)*
>   Physical Science Course (3-4)*

Social and Behavioral Sciences (9 hours)
>   Social and Behavioral Science from two separate disciplines (9)*

II.   AREA OF CONCENTRATION/MAJOR FIELD (6 Hours)
>   CIS 2571   - Introduction to Java (4) (Meets CPSC 3148)
>   CIT 1111   - Computer and Hardware Maintenance (3) (Meets CPSC 2100)

III. ELECTIVES (18-20 Hours)
Students are encouraged to select from the following courses:
>   CIS 2541   - C++ Language Programming (4)
>   (Meets CPSC 3142; Computer Science Selective)
>   CIS 2572   - Collections in Java (4) (recommended)
>   CIS 2573   - Advanced Java Technologies (4) (recommended)
>   CIT 1121   - Introduction to Networks (3) (Meets CPSC 4342)
>   CIT 2510   - Advanced Server Administration (3)
>   (Meets CPSC 4570; Computer Science Selective)
>   MATH 2115   - Discrete Mathematics (3) (recommended)

REQUIRED A.A. DEGREE PROGRAM TOTAL: 64 Hours
* Refer to the COD AA/AS guidelines for a list of course choices in Section I.
Note: Students are strongly encouraged to complete up to 76 hours at COD by taking additional electives which will reduce the GSU Electives.

IV.   **TO BE TAKEN AT GSU (56 Hours)**
       Required Courses (27 Hours)

CPSC 3099	- Junior Seminar (3)
CPSC 3310	- Intro 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 4345	- Database Systems (3)
CPSC 4355	- Data Structures and Algorithms (3)
CPSC 4900	- Senior Project and Seminar (3)

Advanced Selectives (20-27 Hours)
       Please see GSU Catalog for the approved list and other computer science courses as approved by GSU academic advisor.

Electives (2-9 hours)

Minimum Required for BS in Computer Science: 120 Hours

For Additional Information:

Governors State University	**College of DuPage**
Office of Admissions	**Counseling, Advising and Transfer**
(708) 534-4490	**Services**
TransferGuide@govst.edu	**630-942-2259**
Visit the College of Arts and Sciences at	**Visit the College of DuPage at**
www.govst.edu/cas	**www.cod.edu**

GSU Transfer Guide 9.18.2020

Governors State
U N I V E R S I T Y

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