Associate in Science to
Bachelor of Science in Computer Science

The following is presented as an articulation agreement between Moraine Valley Community College (MVCC) 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 in Science (AS) degree from MVCC and a Bachelors of Science (BS) degree in Computer Science from GSU.

I.   TRANSFERABLE GENERAL EDUCATION: (36-37 Hours)
Communications (9 hours)
        COM 101   - Composition I (3)
        COM 102   - Composition II (3)
        COM 103   - Speech Fundamentals (3)

Humanities and Fine Arts (6 hours)
        Humanities Course (3)*
        Fine Arts Course (3)*

Mathematics (7-8 hours)
        MTH 145 **or** 150   - Calculus for Business & Social Science **or** Analytic Geometry
                                 and Calculus I (4-5) (Meets MATH 2281)
        MTH 215   - Discrete Mathematics (3) (recommended)

Physical and Life Sciences (8 hours)
Select one life science course and one physical science course. Both courses must have a lab.
        Life Science Course (4)*
        Physical Science Course (4)* (PHY 204 recommended)

Social and Behavioral Sciences (6 hours)
        Social and Behavioral Science Courses from at least two different disciplines (6)*

II.   AREA OF CONCENTRATION/MAJOR FIELD (6 Hours)
        CSC 140   - Introduction to Computer Science (3) (Meets CPSC 2100)
        CSC 240   - Advanced Computer Science (3) (Meets CPSC 3148)

III.   ELECTIVES (19-20 Hours)
        CIS 160   - C++ Programming (3) (recommended)
        CIS 176   - Java Programming I (3) (recommended)
        Additional Life or Physical Science Course (4)* (PHY 205 recommended)
        Humanities or Fine Arts Course (3)*
        Social and Behavioral Science Course (3)*
        Free Electives (3-4)*

REQUIRED A.S. DEGREE PROGRAM TOTAL: 62 Hours
*Refer to the MVCC AS guidelines for a list of course choices in Sections I and III.

(over)

IV. 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	**Moraine Valley Community College**
Visit the College of Arts and Sciences	**Academic Advising**
at www.govst.edu/cas	**(708) 974-5721**
GSU Jaguar Transfer Evaluator at	**Visit Moraine Valley Community**
https://govst.transfer.degree/	**College at www.morainevalley.edu**

GSU Transfer Guide 03/23/22

Governors State
UNIVERSITY

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