JOLIET
JUNIOR COLLEGE
1901

Associate of Applied Science in Computer Programming to Bachelor of Science in Computer Science

The following is presented as an articulation agreement between Joliet Junior College (JJC) 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 Applied Science in Computer Programming (AAS) degree from JJC and a Bachelors of Science (BS) degree in Computer Science from GSU.

I.   TRANSFERABLE GENERAL EDUCATION CORE CURRICULUM: (16 Hours)
Communications (3 hours)
ENG 101   - Rhetoric (3)

Humanities and Fine Arts (6 hours)
Humanities Course (3)* Recommend PHIL 103 or PHIL 104
Humanities or Fine Arts Course (3)*

Mathematics (4 hours)
MATH 128   - Elementary Statistics (4)

Social and Behavioral Sciences (3 hours)
Social and Behavioral Science Course (3)*

II.   AREA OF CONCENTRATION/MAJOR FIELD (36 hours)
CIS 122   - Computer Information Systems Fundamentals (4)
CIS 135   - Intro to Programming (4) (Meets CPSC-2100)
CIS 172   - Operating Systems Fundamentals (3)
CIS 216   - HTML & CSS for Web Design (3)
CIS 223   - JavaScript (3)
CIS 236   - Programming in C (3)
CIS 246   - Advanced C Using C++ (3) (CPSC-3142)
CIS 250   - Systems Analysis and Design (3)
CIS 261   - Java Programming (4) (Meets CPSC 3148)
CIS 269   - Data Structures (3)

III. DEPARTMENT ELECTIVES (9 hours)
Choose any courses from BUS, CIS, CNT, DGTL, GAME or MGMT (9)

REQUIRED A.A. DEGREE PROGRAM TOTAL: 60 Hours
* Refer to the JJC AA guidelines for a list of course choices for Section I.
** Refer to JJC's catalog requires prerequisite course(s).

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IV.   TO BE TAKEN AT JJC OR GSU (26 Hours)

Written Composition (3) **(JJC** ENG 102 or GSU ENGL-1010)
Oral Communication (3) (JJC COMM 101 or GSU COMM-1000)
Applied Calculus (4) (JJC MATH 150 or GSU MATH 2281)
Social and Behavioral Science Courses from at least two different disciplines (6)*
Fine Arts Course (3)*
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)*

V.   TO BE TAKEN AT GSU (54 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 (24 Hours)
Please see GSU Catalog for the approved list and other computer science courses as approved by GSU academic advisor.

Minimum Required for BS in Computer Science: 120 Hours
(140 hours as written in order to satisfy AAS, Gen Ed, and Computer Science requirements.)

For Additional Information:
Governors State University
GSU Jaguar Transfer Evaluator at
https://govst.transfer.degree/

Joliet Junior College
Career and Transfer Center
(815) 280-2449
Visit Joliet Junior College at www.jjc.edu

Visit the College of Arts and Sciences at
www.govst.edu/cas

GSU Transfer Guide 11/09/2023

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