

Associate of Applied Science in Health Information Management Technology 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 (AAS) in Health Information Management Technology (CO525) degree from JJC and a Bachelors of Science (BS) degree in Computer Science from GSU.

I. TRANSFERABLE GENERAL EDUCATION CORE CURRICULUM: (17-18 Hours) Communications (6 hours)

- ENG 101 - Rhetoric I (3)
- COMM 101 - Principles of Speech Communication (3)

Humanities and Fine Arts (0 hours)

Mathematics (4-5 hours)

- MATH 150 **or** 170 - Mathematical Analysis for Business **or** Calculus and Analytical Geometry I (4-5) (Meets MATH 2281) [pre-req MATH courses may be required]

Physical and Life Sciences (4 hours)

- BIO 125 - Human Biology (4)

Social and Behavioral Sciences (3 hours)

- PSYC 101 - General Psychology (3)

II. AREA OF CONCENTRATION/MAJOR FIELD (45 Hours)

- BIO 100 - Medical Terminology (3)
- HIM 101 - Health Information Management I (4)
- HIM 102 - Health Information Management II (3)
- HIM 110 - Basic ICD Coding (4)
- HIM 111 - Basic CPT Coding (3)
- HIM 115 - Principles of Disease (3)
- HIM 120 - Statistical Tools for HIT (3)
- HIM 125 - Current Health Care Comparative Applications (3)
- HIM 210 - Clinical Classification Systems (3)
- HIM 215 - Health Care Reimbursement (3)
- HIM 220 - Quality Management in Health Care (3)
- HIM 222 - Computers in Health Care (4)
- HIM 230 - Professional Practice I (3)
- HIM 235 - Professional Practice II (3)

REQUIRED A.A.S. DEGREE PROGRAM TOTAL: 61 Hours (62-63 hours as written)

*** Refer to the JJC AA/AS guidelines for a list of course choices for Section I.**

Note: Students can complete up to 80 hours at JJC by taking additional courses from Section III.

III. TO BE TAKEN AT JJC OR GSU (24 Hours)

- Composition II Course (3) (JJC ENG 102 or GSU ENGL 1010)
- Fine Arts Course (3)*
- Humanities Course (3)*
- Humanities or Fine Arts Course (3)*
- Introduction to Computer Science (3) (JJC CIS 122 or GSU CPSC 2100)
- Physical Science Course (3)*
- Social and Behavioral Science Courses from two different disciplines (6)*

*** Refer to the JJC or GSU catalog for a list of course choices for Section III.**

IV. TO BE TAKEN AT GSU (60 Hours)

Foundations Courses (3 Hours)

- CPSC 3148 - Computer Programming in Java (3)

Required Courses (30 Hours)

- CPSC 3099 - Junior Seminar (3)
- CPSC 3310 - Introduction to Object-Oriented Programming (3)
- CPSC 4190 - Intro 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. Students are strongly encouraged to consider a certificate in Digital Forensics or Information Security or a minor Game Design.

Minimum Required for BS in Computer Science: 120 Hours

(146-147 hours as written in order to satisfy AAS, General Education and BS requirements.)

For Additional Information:

Governors State University
Office of Admission
(708) 534-4490

TransferGuide@govst.edu

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

Joliet Junior College

Transfer Center

(815) 280-2923

[Visit JJC website at www.jjc.edu](http://www.jjc.edu)

GSU Transfer Guide 11.18.2020