

## **Associate of Arts to Bachelor of Science in Information Technology**

The following is presented as an articulation agreement between Joliet Junior College (JJC) and Governors State University (GSU) for the Information Technology degree program based on the current catalogs of both schools. The student would receive an Associate of Arts (AA) degree from JJC and a Bachelors of Science (BS) degree in Information Technology from GSU.

### **I. TRANSFERABLE GENERAL EDUCATION CORE CURRICULUM: (37-38 Hours)**

#### **Communications (9 hours)**

- ENG 101 - Rhetoric (3)
- ENG 102 - Rhetoric (3)
- SPCH 101 - Principles of Speech (3)

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

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

#### **Mathematics (3 hours)**

- IAI approved Mathematics course (3)\*

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

- 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)\*

#### **Social and Behavioral Sciences (9 hours)**

- Social and Behavioral Science Courses from at least two different disciplines (9)\*

### **II. AREA OF CONCENTRATION/MAJOR FIELD (3 Hours)**

- CIS 122 - Computer Information Systems Fundamentals (3) (Meets CPSC 2005)*

### **III. ELECTIVES (23-24 Hours)**

Students are encouraged to select from the following courses:

- CIS 295 - Computer Organization (3) (meets CPSC 4205)
- Free Electives (20-21)\*

### **REQUIRED A.A. DEGREE PROGRAM TOTAL: 64 Hours**

**\* Refer to the JJC AA guidelines for a list of course choices for Sections I and III.**

NOTE: Students are strongly encouraged to complete **up to 80 hours** at JJC by taking additional electives which will reduce the GSU Electives.

## IV. TO BE TAKEN AT GSU (56 Hours)

### Core Courses (12 Hours)

- CPSC 4342 - Intro to Computer Networks (3)
- IT 3099 - Junior IT Seminar (3)
- IT 3310 - Information Technology Project Management (3)
- IT 4810 - IT Senior Projects and Seminars (3)

### Program Selectives (12-15 Hours)

Select from the following courses: [Will vary based on courses completed at JJC in Section III]

- CPSC 4205 - Computer Organization (3) [met by JJC CIS 295]
- CPSC 4335 - Operating Systems (3)
- CPSC 4570 - Windows Systems (3)
- CPSC 4580 - Information Security (3)
- IT 3110 - Fundamentals of Information Technology (3)
- IT 3210 - Introduction to Scripting Languages (3)
- IT 3520 - Cisco CCNA I (3)
- IT 3521 - Cisco CCNA II (3)
- IT 4210 - Wireless Networking and Security (3)

### Concentration Courses (27 Hours)

The following courses must be taken at the upper-division level. Students must take 27 credit hours of concentration courses from the following. Students may also take courses in different concentrations.

- A. *Operating Systems*
- B. *Information Security*
- C. *Network Infrastructure*
- D. *Ethical Hacking*
- E. *Digital Forensics*
- F. *Virtualization and Cloud Computing*

### Electives (2-5 Hours)

**Minimum Required for BS in Information Technology: 120 Hours**

### For Additional Information:

**Governors State University**  
Office of Admission  
(708) 534-4490  
[TransferGuide@govst.edu](mailto:TransferGuide@govst.edu)  
[www.govst.edu/cas](http://www.govst.edu/cas)

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