

**B.S. in Computer Information Systems (CIS),  
Concentration in Information Assurance (IA), Web Development (WD), or General (GEN)**

*JSU Catalog 2018-2019 and later*

Student Name: \_\_\_\_\_ Student Number: \_\_\_\_\_ Catalog: \_\_\_\_\_

**CIS Major Curriculum – (36 hrs)**

- ☐ CS 230\* Fundamental of Computing
- ☐ CS 231\*^Computer Programming I
- ☐ CS 232~ (3) Computer Programming II
- ☐ CS 304 (3) Technical Writing for Computer Science
- ☐ CS 309 (3) Introduction to E-Commerce
- ☐ CS 310 (3) Software Engineering I
- ☐ CS 311 (3) Management Information Systems
- ☐ CS 333 (3) Computer Organization and Architecture
- ☐ CS 350 (3) Fundamentals of Computer Operating Systems
- ☐ CS 370 (3) COBOL for Information Systems
- ☐ CS 450 (3) Computer Networking
- ☐ CS 462 (3) Ethics and Legal Issues
- ☐ CS 488 (3) Database Systems
- ☐ CS 491 (3) Software Engineering II

\*hours count in Area V

^Prereq 231: CS 230 w/C or better; GPA 2.0+; MS 112+

~Prereq 232: CS 231 w/C or better

**CHOOSE A CONCENTRATION - (12 hrs)**

**INFORMATION ASSURANCE**

- ☐ CS 307 (3) Mgt of Information Security & Forensics
- ☐ CS 308 (3) Embedded & Control Systems Security
- ☐ CS 470 (3) Computer Security
- Choose One Course from*
- ☐ CS 412 (3) Disaster Response & Recovery *or*
- ☐ CS 461 (3) Critical Infrastructure *or*
- ☐ CS 425 (3) Web Applications Development Using Web Services

**WEB DEVELOPMENT**

- ☐ CS 315 (3) Introduction to Web Design
- ☐ CS 325 (3) Web Scripting
- ☐ CS 415 (3) Dynamic Web Application
- ☐ CS 425 (3) Web Application Development Using Web Services

**GENERAL**

- |                                       |                                            |
|---------------------------------------|--------------------------------------------|
| (6) hrs 300+ CS Electives*            | (6) hrs 400+ CS Electives                  |
| <input type="checkbox"/> CS _____ (3) | <input type="checkbox"/> 400+ CS _____ (3) |
| <input type="checkbox"/> CS _____ (3) | <input type="checkbox"/> 400+ CS _____ (3) |
- \*excluding CS 305

**Support Courses – All Concentrations (12 hrs)**

- ☐ FIN 301 Business Finance
- ☐ MGT 301 Principles of Management
- ☐ MKT 301 Principles of Marketing
- ☐ MS 302 Applied Probability and Statistics

**Graduation Requirements**

- |                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> 120 total hours<br><input type="checkbox"/> 30 JSU hours<br><input type="checkbox"/> 36 300+ hours<br><input type="checkbox"/> 2.0 overall GPA<br><input type="checkbox"/> 2.0 JSU GPA<br><input type="checkbox"/> 12 hrs in major, 300+ at JSU | <input type="checkbox"/> "C" or better in major courses<br><input type="checkbox"/> English Competency Exam (ECE)<br><input type="checkbox"/> 60 hrs at 4-yr institution<br><input type="checkbox"/> Apply to Graduate<br><input type="checkbox"/> EPP or CLA assessment<br><input type="checkbox"/> Dept. Head Exit Interview |
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**University Core Curriculum – (41 hrs)**

**First Year Experience (0 hr) *Not required for transfer Students***

- ☐ STU 101

**Area I – Written Composition (6 hrs)**

- ☐ EH 101 (3) ☐ EH 102 (3)

**Area II – Humanities & Fine Arts (12 hrs)**

**#Literature – at least one course**

- |                                     |                                     |                                     |                                     |
|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| <input type="checkbox"/> EH 201 (3) | <input type="checkbox"/> EH 203 (3) | <input type="checkbox"/> EH 219 (3) | <input type="checkbox"/> EH 231 (3) |
| <input type="checkbox"/> EH 202 (3) | <input type="checkbox"/> EH 204 (3) | <input type="checkbox"/> EH 220 (3) | <input type="checkbox"/> EH 232 (3) |

**Fine Arts – at least one course**

- |                                      |                                     |
|--------------------------------------|-------------------------------------|
| <input type="checkbox"/> ART 202 (3) | <input type="checkbox"/> MU 233     |
| <input type="checkbox"/> DR 242 (3)  | <input type="checkbox"/> FL 101 (3) |

**Speech**

- ☐ EH 141 (3)

**Area III – Natural Science & Math (11-14 hrs)**

**Science – Choose one Sequence**

- |                                                    |                                                    |
|----------------------------------------------------|----------------------------------------------------|
| <input type="checkbox"/> BY 101 (3) & BY 103 (1)   | <input type="checkbox"/> CY 105 (3) & CY 107 (1)   |
| <input type="checkbox"/> BY 102 (3) & BY 104 (1)   | <input type="checkbox"/> CY 106 (3) & CY 108 (1)   |
| <input type="checkbox"/> GL 241 (3) & GL 243 (1)   | <input type="checkbox"/> GY 250 (3) & GY 252 (1)   |
| <input type="checkbox"/> GL 242 (3) & GL 244 (1)   | <input type="checkbox"/> GY 251 (3) & GY 253 (1)   |
| <input type="checkbox"/> PHS 201 (3) & PHS 203 (1) | <input type="checkbox"/> PHS 211 (4) & PHS 213 (1) |
| <input type="checkbox"/> PHS 202 (3) & PHS 204 (1) | <input type="checkbox"/> PHS 212 (4) & PHS 214 (1) |

**Mathematics**

- ☐ MS 120 (3) **OR** ☐ MS 125 (4)
- ±Prereq MS 120: MS 112 w/C or better or Math EdReady Placement
- ±Prereq MS 125: MS 113 w/C or better or Math EdReady Placement

**Area IV – History, Social, & Behavioral Sciences (12 hrs)**

**#History – at least one course**

- |                                     |                                     |
|-------------------------------------|-------------------------------------|
| <input type="checkbox"/> HY 101 (3) | <input type="checkbox"/> HY 201 (3) |
| <input type="checkbox"/> HY 102 (3) | <input type="checkbox"/> HY 202 (3) |

**Social & Behavioral Science**

**Required courses:**

- ☐ EC 221 (3) ☐ PSY 201 (3)

**Optional:**

- |                                      |                                     |                                  |
|--------------------------------------|-------------------------------------|----------------------------------|
| <input type="checkbox"/> AN 224 (3)  | <input type="checkbox"/> GY 120 (3) | <input type="checkbox"/> PSY 222 |
| <input type="checkbox"/> EC 222 (3)  | <input type="checkbox"/> GY 220 (3) |                                  |
| <input type="checkbox"/> PSC 100 (3) | <input type="checkbox"/> SY 221 (3) |                                  |

**#Sequence Required in Literature or History#**

**Area V – Major Support/Electives (19 hrs)**

- ☐ CS 201 (3) Intro to Information Technology
- ☐ CS 230 (3) Fundamentals of Computing
- ☐ CS 231 (3) Computer Programming I
- ☐ ACC 200 (3) Principles of Accounting I
- ☐ Electives (7 hrs)
- \_\_\_\_\_ ( ) \_\_\_\_\_ ( ) \_\_\_\_\_ ( ) \_\_\_\_\_ ( )