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 470 (3) Computer Programming II
☐ CS ______ (3) Computer Programming I

*Prereq MS 125: MS 112 w/C or better or Math EdReady Placement
**Prereq MS 120: MS 112 w/C or better
~Prereq MS 120: MS 113 w/C or better or Math EdReady Placement

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*
☐ CS _____ (3)
☐ CS _____ (3)

(6) hrs 400+ CS Electives
☐ 400+ CS _____ (3)
☐ 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

☐ 120 total hours
☐ 30 JSU hours
☐ 36 300+ hours
☐ 2.0 overall GPA
☐ 2.0 JSU GPA
☐ 12 hrs in major, 300+ at JSU

CIS Electives

☐ “C” or better in major courses
☐ English Competency Exam (ECE)
☐ 60 hrs at 4-yr institution
☐ Apply to Graduate
☐ EPP or CLA assessment
☐ Dept. Head Exit Interview

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
☐ EH 201 (3) ☐ EH 203 (3) ☐ EH 219 (3) ☐ EH 231 (3)
☐ EH 202 (3) ☐ EH 204 (3) ☐ EH 220 (3) ☐ EH 232 (3)

Fine Arts – at least one course
☐ ART 202 (3) ☐ MU 233
☐ DR 242 (3) ☐ FL 101 (3)

Speech
☐ EH 141 (3)

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

Science – Choose one Sequence
☐ BY 101 (3) & BY 103 (1)
☐ BY 102 (3) & BY 104 (1)
☐ CY 105 (3) & CY 107 (1)
☐ CY 106 (3) & CY 108 (1)
☐ GL 241 (3) & GL 243 (1)
☐ GL 242 (3) & GL 244 (1)
☐ GY 250 (3) & GY 252 (1)
☐ GY 251 (3) & GY 253 (1)
☐ PHS 201 (3) & PHS 203 (1)
☐ PHS 202 (3) & PHS 204 (1)
☐ PHS 211 (4) & PHS 213 (1)
☐ 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
☐ HY 101 (3) ☐ HY 201 (3)
☐ HY 102 (3) ☐ HY 202 (3)

Social & Behavioral Science

Required courses:
☐ EC 221 (3) ☐ PSY 201 (3)

Optional:
☐ AN 224 (3) ☐ GY 120 (3) ☐ PSY 222
☐ EC 222 (3) ☐ GY 220 (3)
☐ PSC 100 (3) ☐ 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)

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#Sequence Required in Literature or History#