Bachelor of Science in Information Technology
(effective Fall 2010)

CGS1920 Intro to Computing (1)
CGS2518 Data Analysis
CGS2060 Intro to Microcomputers
CGS2100 Microcomputers for Business
COP2250 Programming in Java
PSY2012 Intro to Psychology
MAC1147* Pre-Calculus Algebra & Trigonometry
Pre: MAC1105

Pre: MAC1105

MAD1100* Math Concepts for IT
COT3100* Discrete Structures
CEN3721 Human Computer Interaction
COP 3804 Intermediate Java
CGS3767 Computer Operating Systems
ENC3213 or ENC3249* Professional & Tech Writing for Comp (GRW)
CGS3095 Tech in the Global Arena (GL)

ENC3213 or ENC3249* Professional & Tech Writing for Comp (GRW)

PSY2012 Intro to Psychology

All courses are 3 credits except as noted.

Interdisciplinary Courses
Nine additional credits must be taken outside SCIS. These nine credits must be applicable to a minor or certificate in another discipline. All nine credits must be applicable to the same minor or certificate. Find minors and certificates in the FIU Undergraduate Catalog @ https://catalog.fiu.edu/.
Pending advisor approval.

IT Electives: Choose 5 electives (3 credits each)
Fifteen credits of electives are required. From the five areas of concentration choose two and take two courses per area of concentration. The 5th elective can be taken in any area of concentration.

System Administration
- CIS 4431 IT Automation (Co-req: CGS4285)
- CNT 4603 System Admin & Maintenance (Prereq: CGS3767)
- CTS 4348 Unix System Admin (Prereq: CGS3767)
- CTS 4347 Enterprise IT Troubleshooting (Prereq: COP4703 & CNT4403 or EEL4806)

Security
- CIS 4365 Enterprise Cybersecurity (Prereq: CNT4403 or EEL4806)
- CNT 4182 Mobile & IoT Security (Prereq: CNT4403 or EEL4806)

Network Administration
- CNT 4513 Data Communication (Prereq: COP3804 & CGS4285)
- CNT 4504 Advanced Ntwk Mngmt (Prereq: CNT4513)

Application Development
- COP 4005 Windows Prmg for IT (Prereq: COP3804 & CEN3721, Co-req: COP4703)
- COP 4655 Mobile Appl Prgm (Prereq: COP4814 & CEN3721)
- COP 4813 Web Appl Prgm (Prereq: COP4005 & CGS4854)

Database Administration
- COP 4722 Survey of DB System (Prereq: COP4703)
- CTS 4408 DB Admin (Prereq: COP4703)

* Prerequisites/Co-Requisites:
- ENC3249/ENC3213: UCC English requirements
- MAD1100 & MAC1147: MAC1105
- COT3100: MAC1147 & Co-req COP2250

A diamond indicates a co-requisite. The course closer to the diamond may be taken at the same time as the co-requisite. The co-requisite is a prerequisite for any course that requires the course closer to the diamond.

A line indicates a prerequisite. The course above must be completed before the course below can be taken.