Bachelor of Science in Information Technology
(effective Fall 2010)

**Course Requirements**

**English Requirements**
- Complete the UCC prerequisite
  - ENC3213/ENC3249

**System Administration**
- 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

**Interdisciplinary Courses**
- Nine additional credits must be taken from one cognitive area outside SCIS. For example, 9 credits within a minor or certificate meet this requirement. Find minors and certificates in the FIU Undergraduate Catalog @ https://catalog.fiu.edu/

**IT Electives**: Choose 5 electives (3 credits each)
- Fifteen credits of electives are required. Select two areas of concentration and take two courses in each of the chosen concentration areas (four courses). Select the fifth course from any area of concentration.

**Database Administration**
- COP 4751 Advanced Database Management (Prereq: COP4703)
- CTS 4408 DB Admin (Prereq: COP4703)

**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 Netwk Mgmt (Prereq: CNT4513)

**System Administration**
- CIS 4431 IT Automation (Co-req: CGS4285)
- CIS 4603 Windows System Admin (Prereq: CGS3767)
- CTS 4348 Unix System Admin (Prereq: CGS3767)
- CTS 4743 Enterprise IT Troubleshooting (Prereq: COP4703 and (CNT4403 or EEL4806))

**Application Development**
- COP 4005 Windows Prgm for IT (Prereq: CEN3721 & (COP3804 or COP3337); Co-req: COP4703)
- COP 4655 Mobile Appl Prgm (Prereq: (CEN3721 & COP4814) or (CAP4104 & CEN4010))
- COP 4813 Web Appl Prgm (Prereq: CGS4854)

\[ ^{1} \text{ENC3213/ENC3249 prerequisite: complete the UCC English requirements} \]

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

**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.**