Bachelor of Science in Information Technology
(effective Fall 2010)

**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.

**Database Administration**
- COP 4722 Survey of DB System (Prereq: COP4073)
- 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 Ntwk Mngmt (Prereq: CNT4513)

**System Administration**
- CIS 4431 IT Automation (Co-req: CGS4285)
- CNT 4603 Windows System Admin (Prereq: CGS3767)
- CTS 4348 Linux System Admin (Prereq: CGS3767)
- CTS 4743 Enterprise IT Troubleshooting (Prereq: COP-4703 and (CNT-4403 or EEL-4806))

**Application Development**
- COP 4005 Windows Prmg for IT (Prereq: COP3337 & CEN3721; Co-req: COP4703)
- COP 4655 Mobile Appl Prgm (Prereq: COP4814 & CEN3721)
- COP 4813 Web Appl Prgm (Prereq: COP4005 & CGS4854)

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* Enc3213/Enc3249 prerequisite: complete the UCC English requirements.
* Mac1147, Mac1100 & Cot3100 math prerequisite: is Mac1105.
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.