Bachelor of Science in Information Technology
Software Major (effective Spring 2022)

**English requirements**
complete the UCC prerequisite
- ENC3213/ENC3249

**Pending advisor approval.**

Find minors and certificates in the FIU Undergraduate Catalog @ https://catalog.fiu.edu/ Pending advisor approval.

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

**IT Electives:** Choose 2 electives (3 credits each)
Six credits of electives are required. From the five areas of concentration choose one area and take two courses.

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

**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 Unix System Admin (Prereq: CGS3767)
- CTS 4743 Enterprise IT Troubleshooting (Prereq: COP4703 and (CNT4403 or ETL4806))

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

**Security**
- CIS 4365 Enterprise Cybersecurity (Prereq: CNT4403 or ETL4806)
- CNT 4182 Mobile & IoT Security (Prereq: CNT4403 or ETL4806)

---

^ ENC3213/ENC3249 prerequisite: complete the UCC English requirements

* COT3100 prerequisite:
- Prereq: MAC XXXX and COP XXXX (any MAC course and any COP course)
- Coreq: (COP2210 or COP2250 or ETL2280)

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.