Bachelor of Science in Information Technology
Software Major (effective Fall 2010)

Interdisciplinary Courses
Nine additional credits must be taken outside SCIS. The nine credits must be applicable to a minor or certificate in another discipline. Pending advisor approval.

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

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

System Administration
- CIS 4431 IT Automation (Co-req: CGS4285)
- CNT 4603 System Admin & Maintenance (Prereq: CGS3767)
- CTS 4348 Unix System Admin (Prereq: CGS3767)

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)

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.

Prerequisites:
- ENC3213/ENC3249: UCC English requirements
- MAC1140, MAD2104 & COT3100: Math prerequisite is MAC1105

The course above must be completed before the course below can be taken.