Bachelor of Science in Information Technology (effective Fall 2010)

**Interdisciplinary Studies**

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.

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

**IT Electives:** Choose 5 electives (3 credits each)

Fifteen credits of electives are required. From the four 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: 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 4504 Advanced Ntwk Mgmt (Prereq: CNT4513)
  - CNT 4513 Data Communication (Prereq: COP3804 & CGS4285)

- **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)