



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: COP4703)
- CTS 4408 *DB Admin* (Prereq: COP4703)

Network Administration

- CNT 4513 *Data Communication* (Prereq: COP3804 & CGS4285)
- CNT 4504 *Advanced Ntwk Mngmt* (Prereq: CNT4513)

Security

- CIS 4365 *Enterprise Cybersecurity* (Prereq: CNT4403 or EEL4806)
- CNT 4182 *Mobile & IoT Security* (Prereq: CNT4403 or EEL4806)

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* (Prereq: COP4703 & [CNT4403 or EEL4806])

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)

^ ENC3213/ENC3249 prerequisite: complete the UCC English requirements

* MAC1147, MAD1100 & COT3100 math prerequisite is MAC1105.

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