



IT Electives: Choose 5 electives (3 credits each)

Fifteen credits of electives are required. Select two areas of concentration and take two CGS courses in each of the chosen concentration areas (four courses). Select the fifth course from 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 *System Admin & Maintenance* (Prereq: CGS3767)
- CTS 4348 *Unix 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: 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.

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.