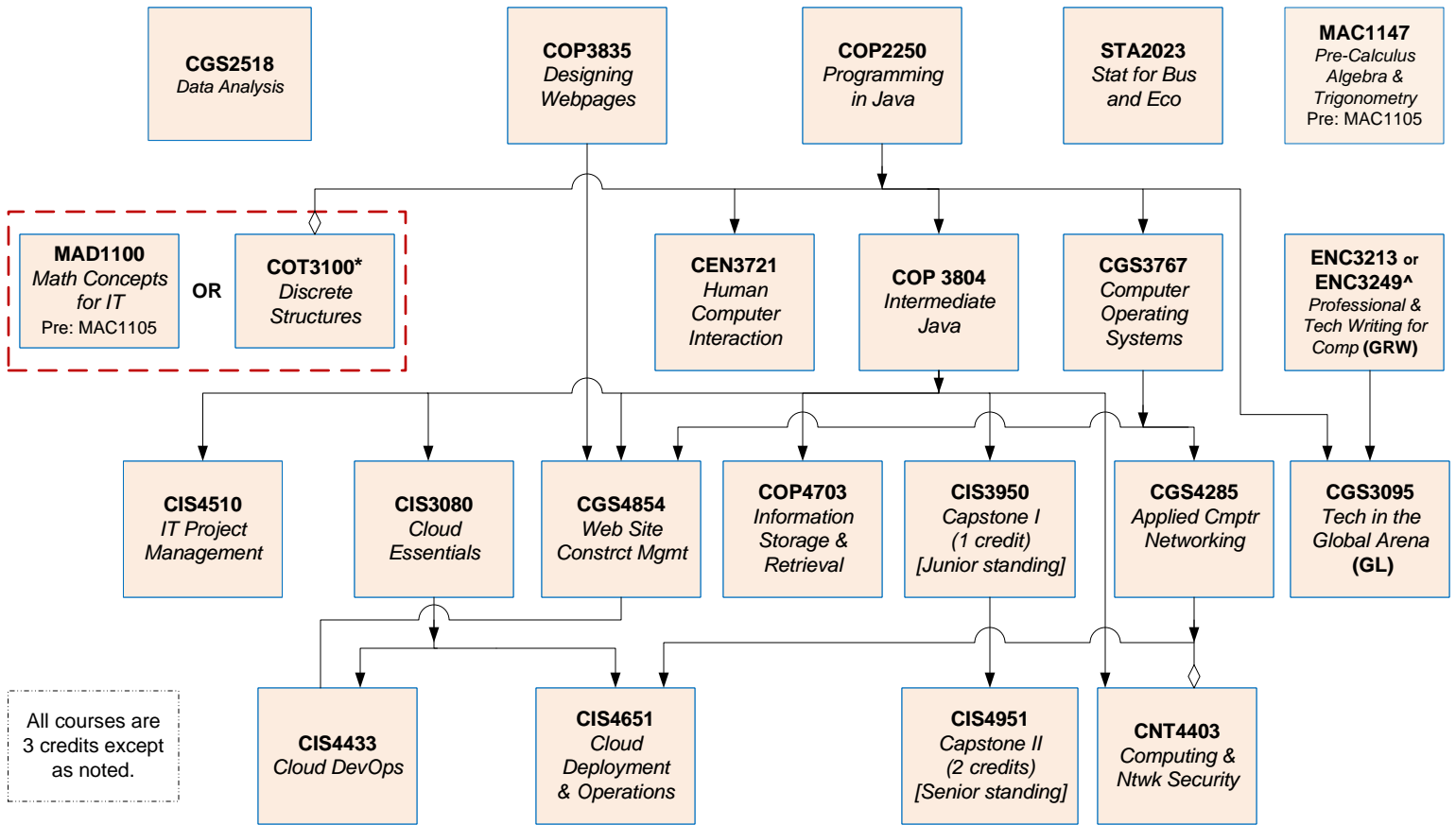


Bachelor of Science in Information Technology

Information Technology DevOps Track (effective Fall 2025)



All courses are 3 credits except as noted.

IT Electives: Choose three electives (3 credits each)

Nine credits of electives are required. Take one course from each group (two courses) and the third course from either group.

Application Development

- CNT 4182 *Mobile & IoT Security* (Prereq: CNT4403 or EEL4806)
- COP 4005 *Windows Prmg for IT* (Prereq: CEN3721 & (COP3804 or COP3337); Co-req: COP4703)
- COP 4655 *Mobile Appl Prgm* (Prereq: (CEN3721 & COP4814) or (CAP4104 & CEN4010))
- COP 4751 *Advanced Database Management* (Prereq: COP4703)
- COP 4813 *Web Appl Prgm* (Prereq: CGS4854)
- COP 4814 *Component Based SW Dev* (Prereq: CGS4854 & COP4703)
- COT 4601 *Fundamentals of Quantum Computing* (Prereq: COP3337/COP3804 & COT3100)
- CTS 4408 *DB Admin* (Prereq: COP4703)

System Network

- CIS 4203 *Digital Forensics* (Prereq: COP2210/COP2250/EEL2880)
- CIS 4365 *Enterprise Cybersecurity* (Prereq: CNT4403 or EEL4806)
- CIS 4431 *IT Automation* (Co-req: CGS4285)
- CNT 4513 *Data Communication* (Prereq: COP3804 & CGS4285)
- CNT 4504 *Advanced Ntwk Mngmt* (Prereq: CNT4513)
- CNT 4603 *Windows System Admin* (Prereq: CGS3767)
- CTS 4348 *Unix System Admin* (Prereq: CGS3767)
- CTS 4743 *Enterprise IT Troubleshooting* (Prereq: COP4703 and (CNT4403 or EEL4806))

^ ENC3213/ENC3249 prerequisite: complete the UCC English requirements

* COT3100: Prereq: MAC XXXX and COP XXXX (any MAC course and any COP course) Coreq:(COP2210 or COP2250 or EEL2280)

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.