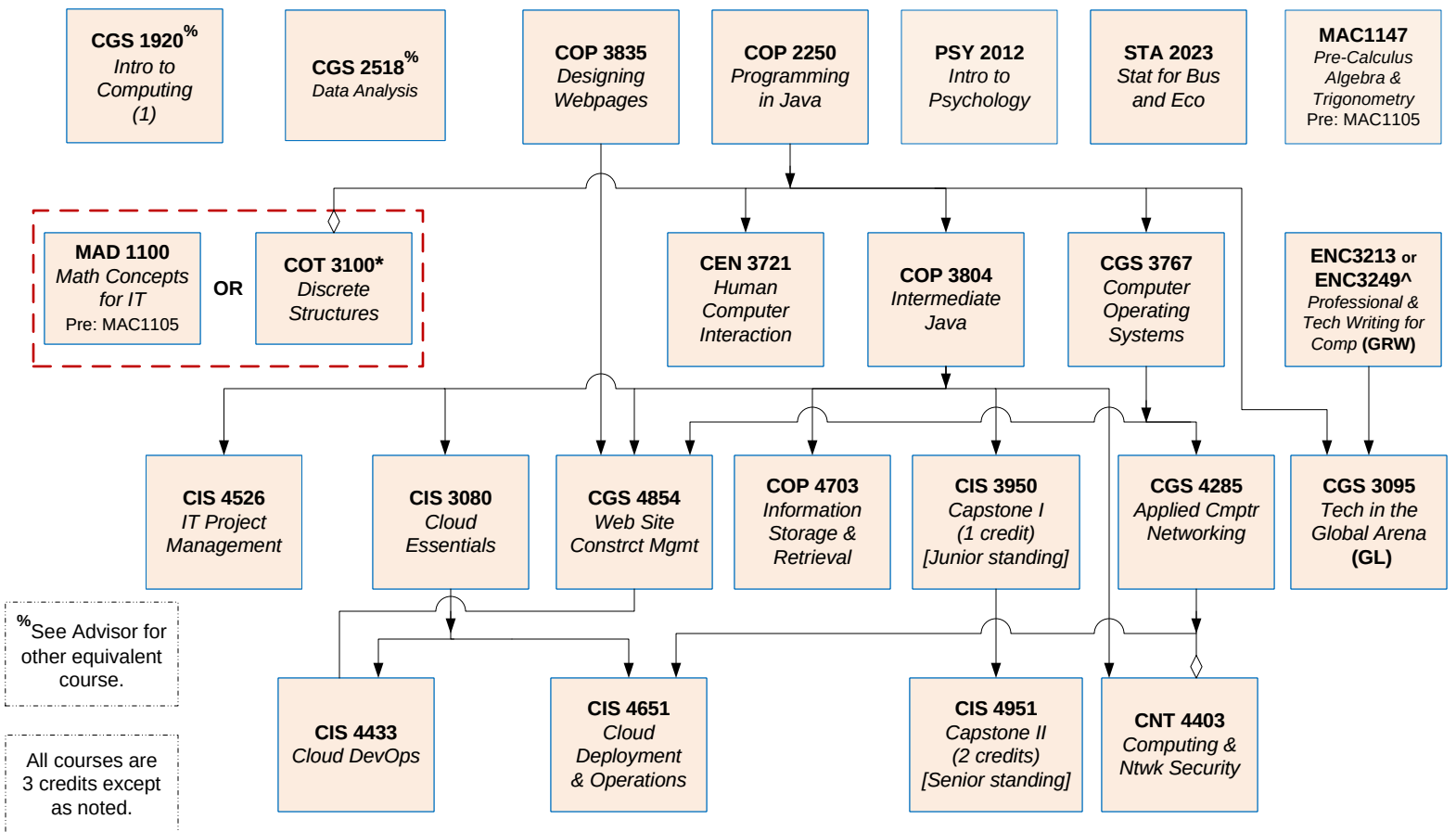


Bachelor of Science in Information Technology

Information Technology DevOps Major (effective Fall 2025)



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.