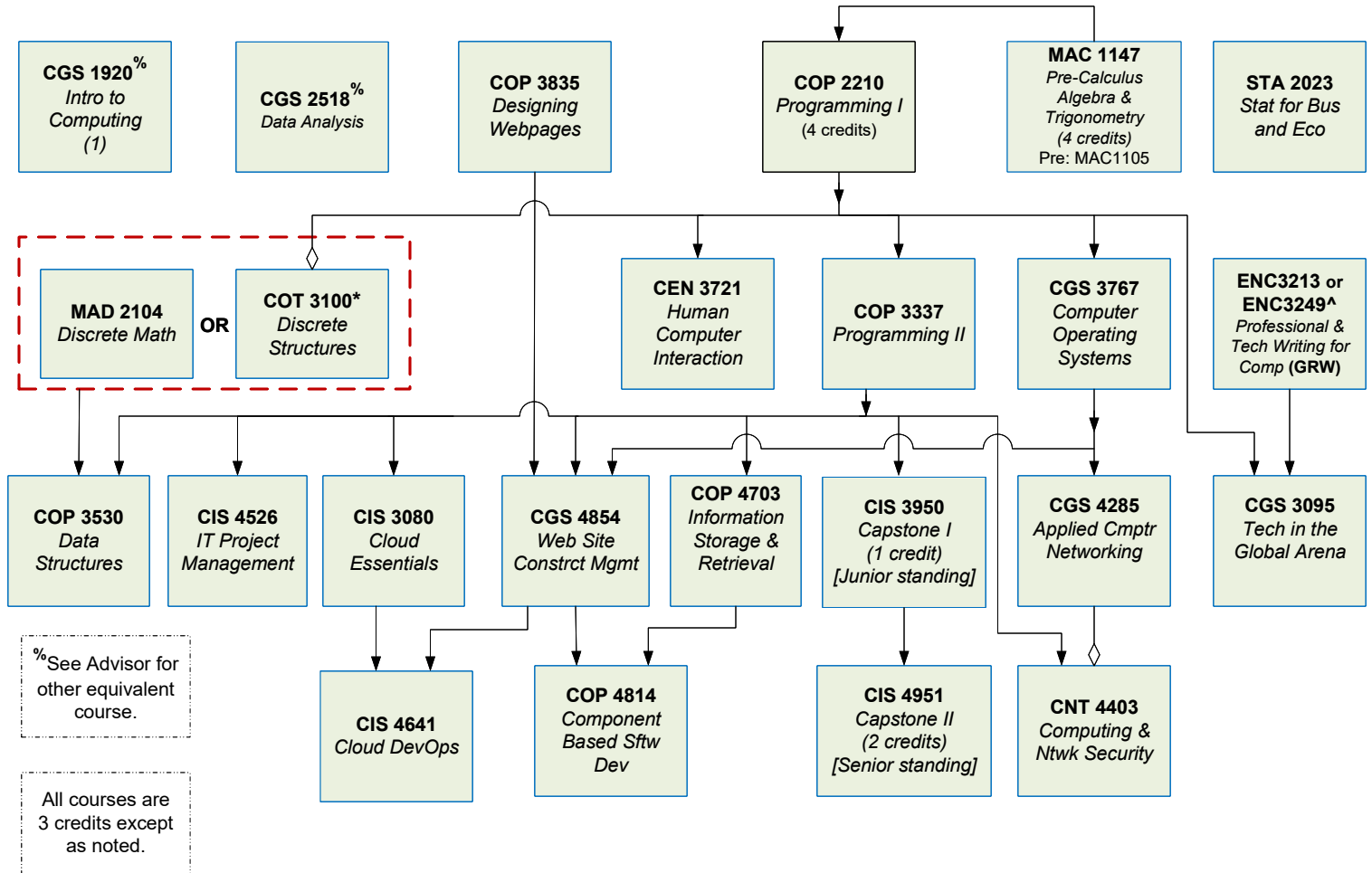


Bachelor of Science in Information Technology

Software Major (effective Fall 2025)



IT Electives: Choose two electives (3 credits each)

Six credits of electives are required. Choose two courses from the Application Development 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 4338 Systems Programming** (Prereq: COP3530)
- ☐ **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)
- ☐ **COT 4601 Fundamentals of Quantum Computing**
(Prereq: COP3337/COP3804 and COT3100)
- ☐ **CTS 4408 DB Admin** (Prereq: COP4703)

[^] ENC3213/ENC3249 prerequisite:
complete the UCC English requirements

*** COT 3100:**
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.