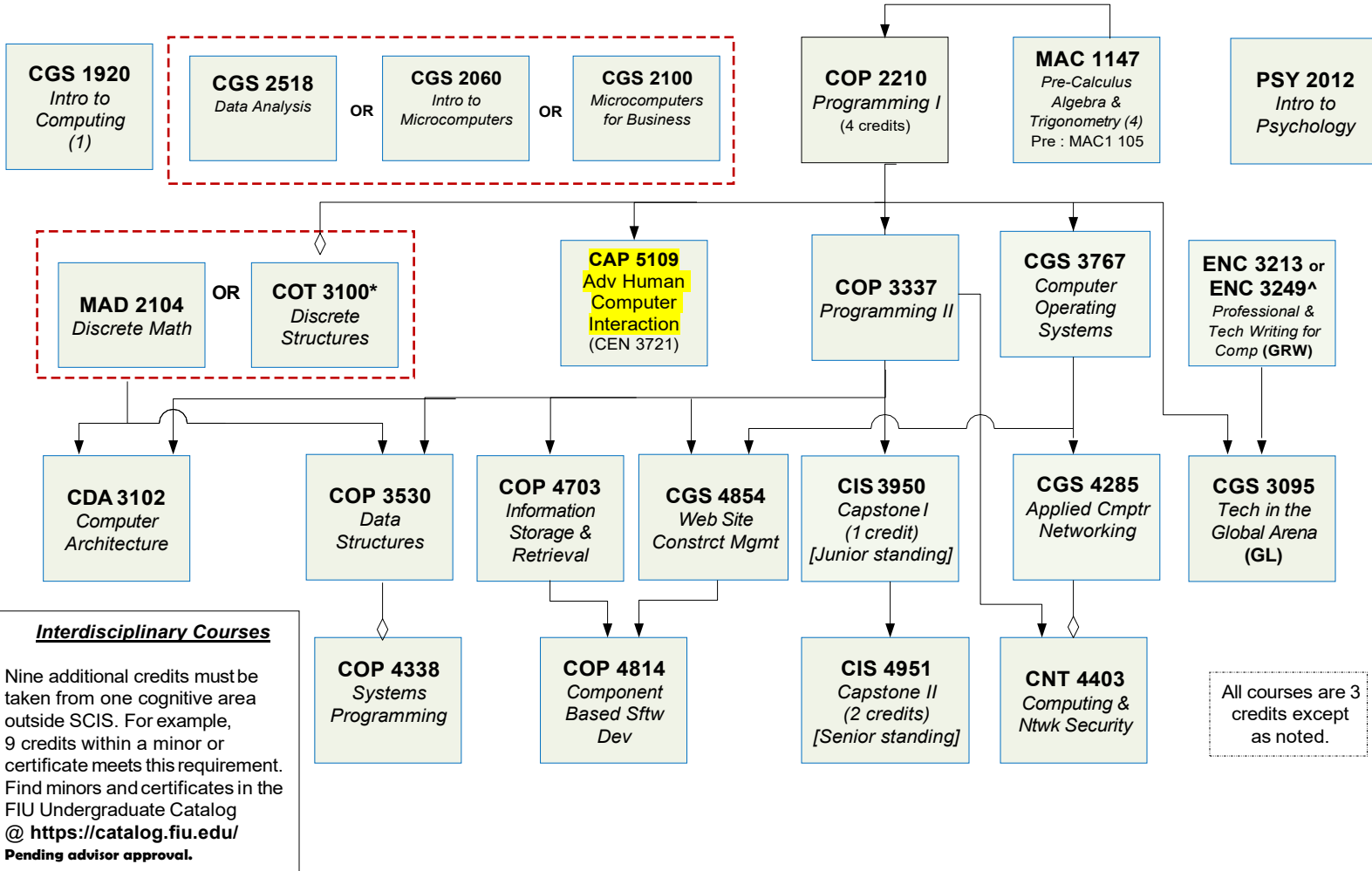


Bachelor of Science in Information Technology

Software Track (effective Fall 2023)



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 4655 *Mobile ApplPrgm* (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)

- CAP 5602 Intro to Artificial Intelligence** (Prereq: STA 3164)
- CAP 5768 Introduction to Data Science** (Prereq: STA 3164)
- CAP 5610 Introduction to Machine Learning**
- CAP 5640 Grad Intro to Natural Language Processing**
- CAP 5771 Princ of Data Mining** (Prereq: COP 4710 & STA 3033)

^ 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.