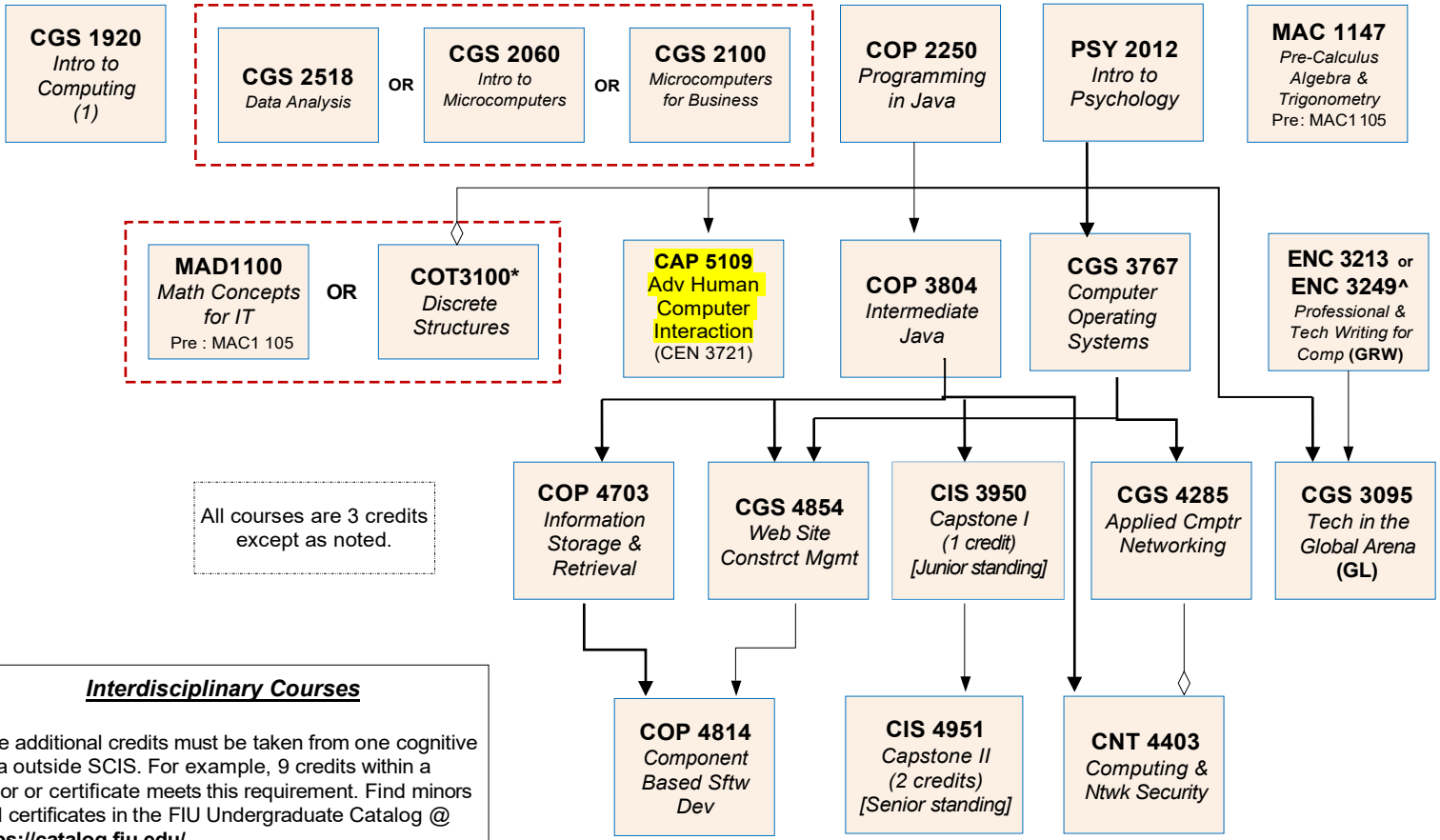


# Bachelor of Science in Information Technology Information Technology Track (effective Fall 2023)



**IT Electives:** Choose five electives (3 credits each)

Fifteen credits of electives are required. Take two courses in each of group (four courses) and select the fifth 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 Adv Database Management** (Prereq: COP4703)
- COP 4813 Web Appl Prgm** (Prereq: CGS4854)
- COT 4601 Fundamentals of Quantum Computing**  
(Prereq: COP3337/COP3804 & 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)

**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.