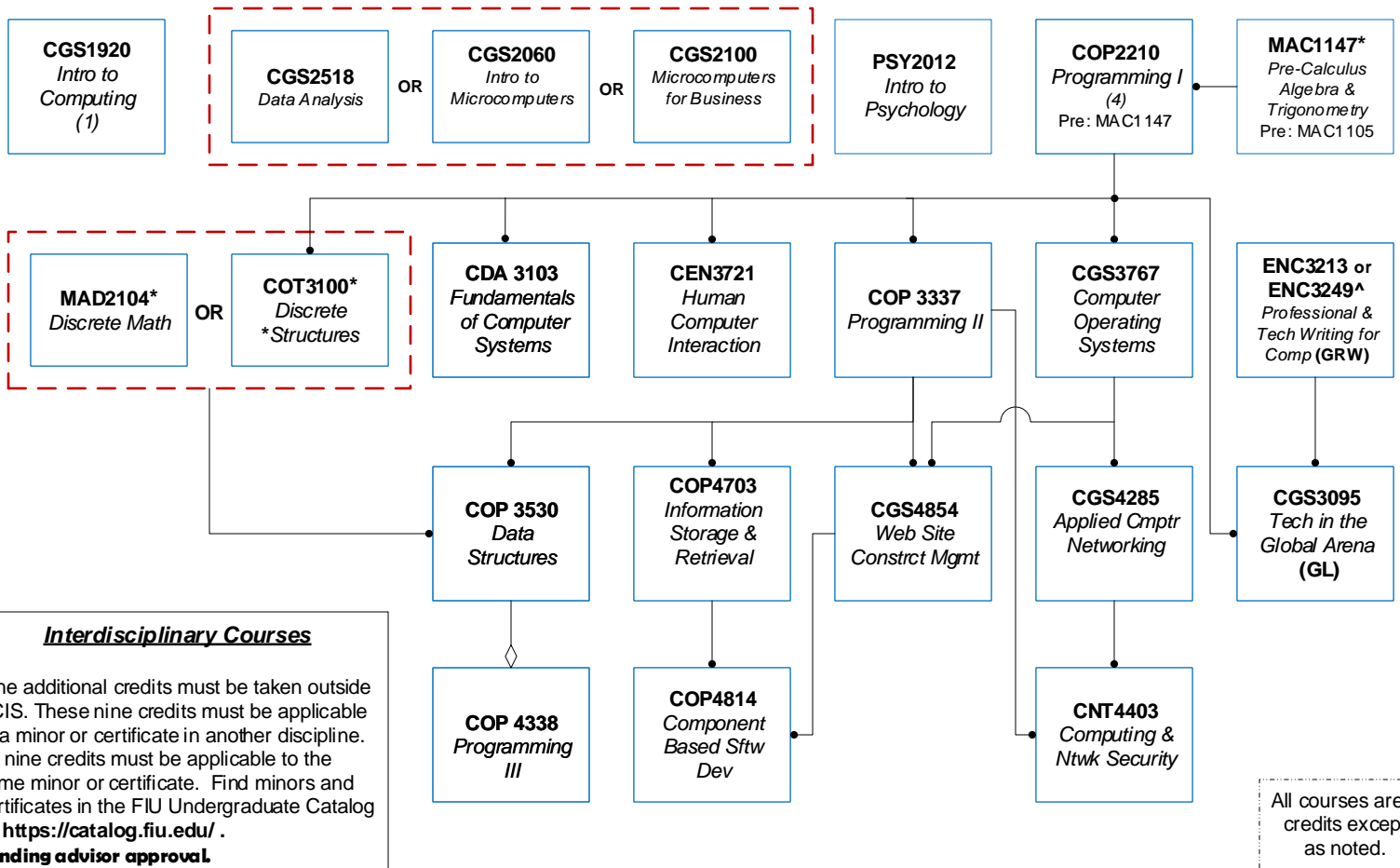


**Bachelor of Science in Information Technology**  
Software Major (effective Fall 2010)



**IT Electives:** Choose 2 electives (3 credits each)

Six credits of electives are required. From the five areas of concentration choose one and take two courses.

**Database Administration**

- COP 4722 *Survey of DB System* (Prereq: COP4703)
- CTS 4408 *DB Admin* (Prereq: COP4703)

**Network Administration**

- CNT 4513 *Data Communication* (Prereq: COP3337 & CGS4285)
- CNT 4504 *Advanced Ntwk Mngmt* (Prereq: CNT4513)

**Security**

- CIS 4365 *Enterprise Cybersecurity* (Prereq: CNT4403 or EEL4806)
- CNT 4182 *Mobile & IoT Security* (Prereq: CNT4403 or EEL4806)

**System Administration**

- CIS 4431 *IT Automation* (Co-req: CGS4285)
- CNT 4603 *System Admin & Maintenance* (Prereq: CGS3767)
- CTS 4348 *Unix System Admin* (Prereq: CGS3767)

**Application Development**

- COP 4005 *Windows Prmg for IT* (Prereq: COP3337 & CEN3721, Co-req: COP4703)
- COP 4655 *Mobile Appl Prgm* (Prereq: COP4814 & CEN3721)
- COP 4813 *Web Appl Prgm* (Prereq: COP4005 & CGS4854)

^ **ENC3213/ENC3249 prerequisite:** complete the UCC English requirements  
\* **MAC1147, MAD2104 & COT3100:** Math prereq is MAC1105

◆ 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.

● A line indicates a prerequisite. The course above must be completed before the course below can be taken.