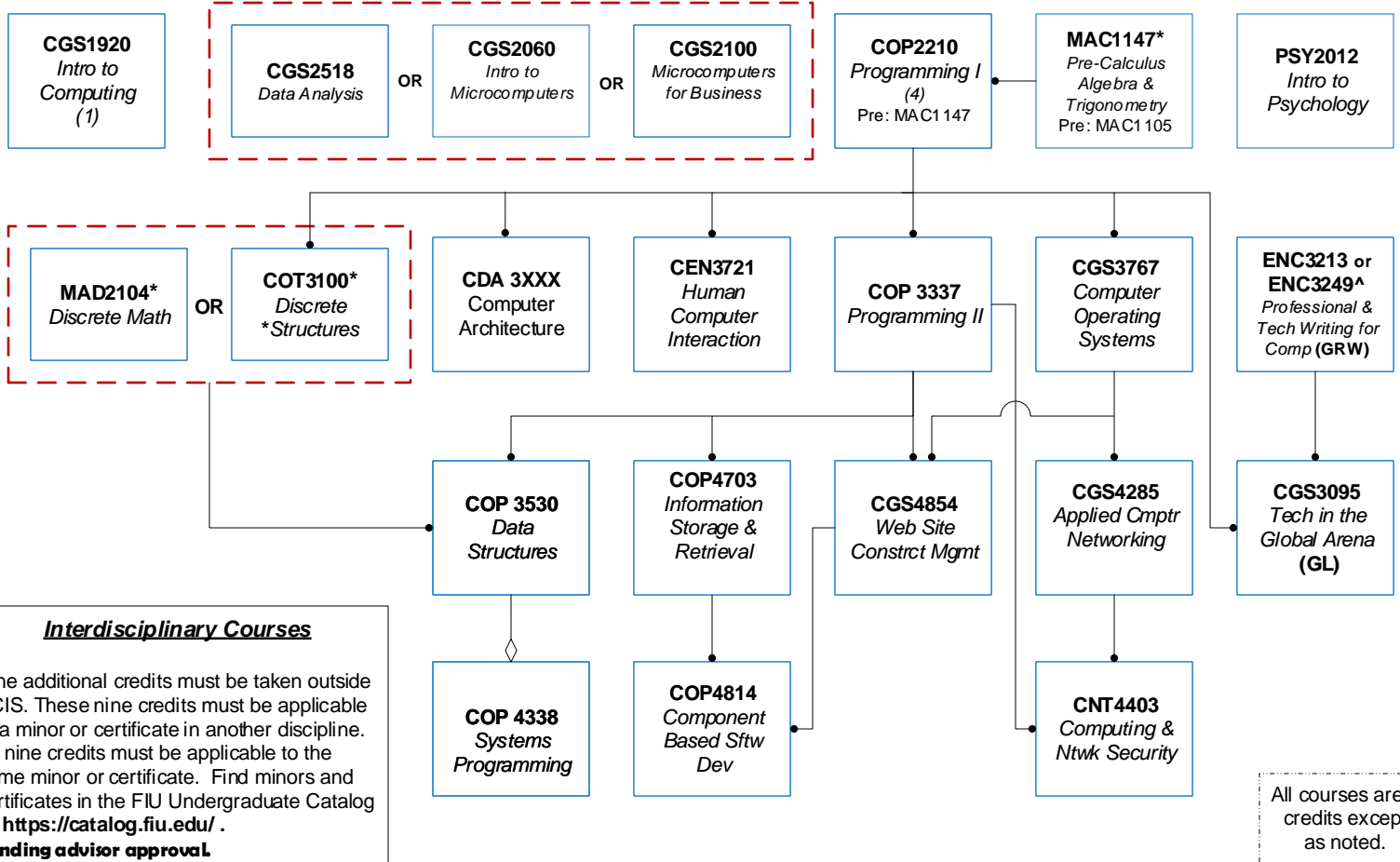


Bachelor of Science in Information Technology

Software Major (effective 01/01/2020)



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 or COP4710)
- CTS 4408 DB Admin (Prereq: COP4703 or COP4710)

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 Windows System Admin (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.