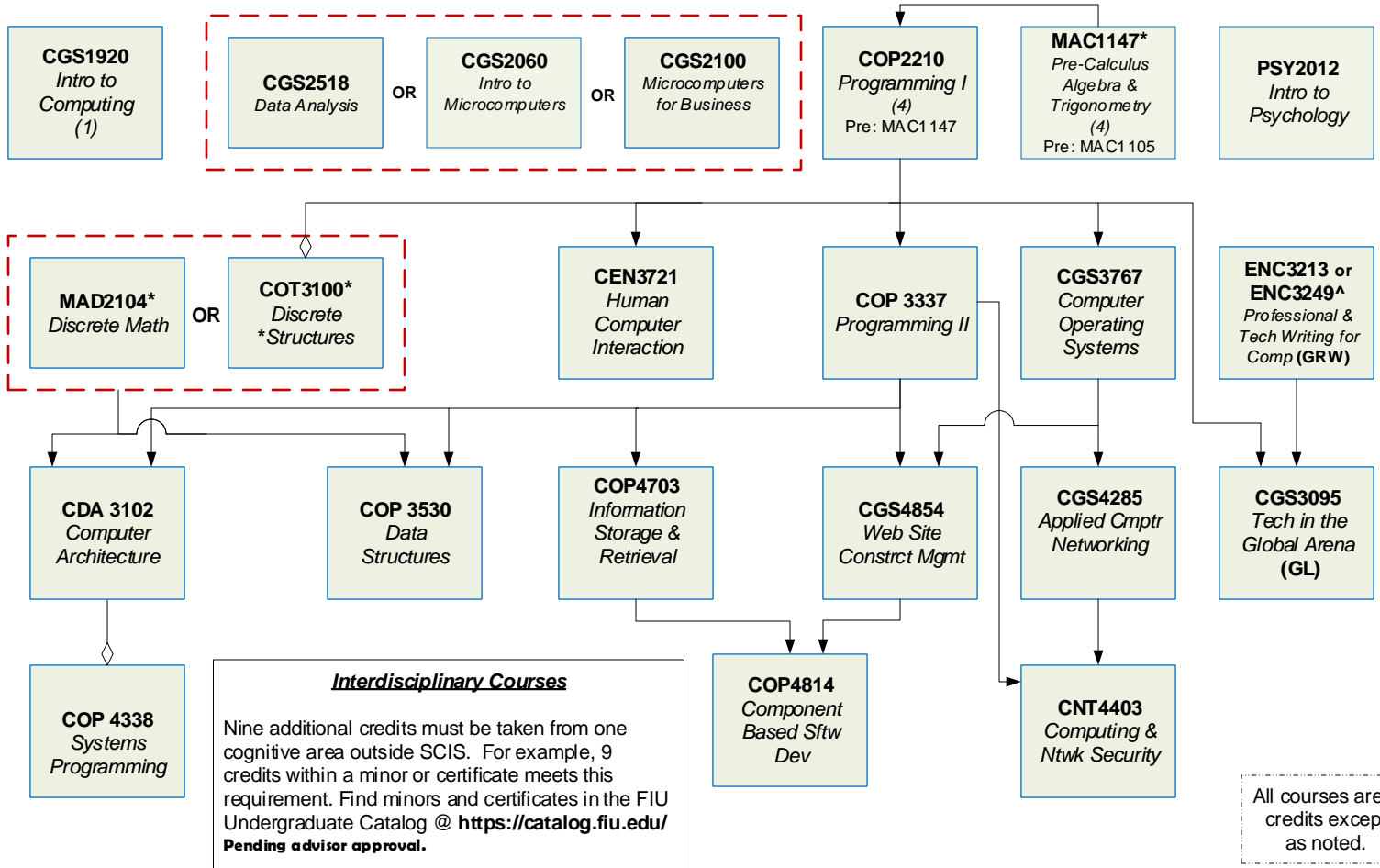


Bachelor of Science in Information Technology

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 area and take two courses.

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)

Network Administration

- CNT 4513 Data Communication** (Prereq: COP3804 & CGS4285)
- CNT 4504 Advanced Ntwk Mngmt** (Prereq: CNT4513)

Database Administration

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

System Administration

- CIS 4431 IT Automation** (Co-req: CGS4285)
- CNT 4603 Windows System Admin** (Prereq: CGS3767)
- CTS 4348 Unix System Admin** (Prereq: CGS3767)
- CTS 4743 Enterprise IT Troubleshooting** (Prereq: COP-4703 and (CNT-4403 or EEL-4806))

Security

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

^ ENC3213/ENC3249 prerequisite: complete the UCC English requirements

*** MAC1147, MAD1100 & COT3100 math prerequisite:** is MAC1105.

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.