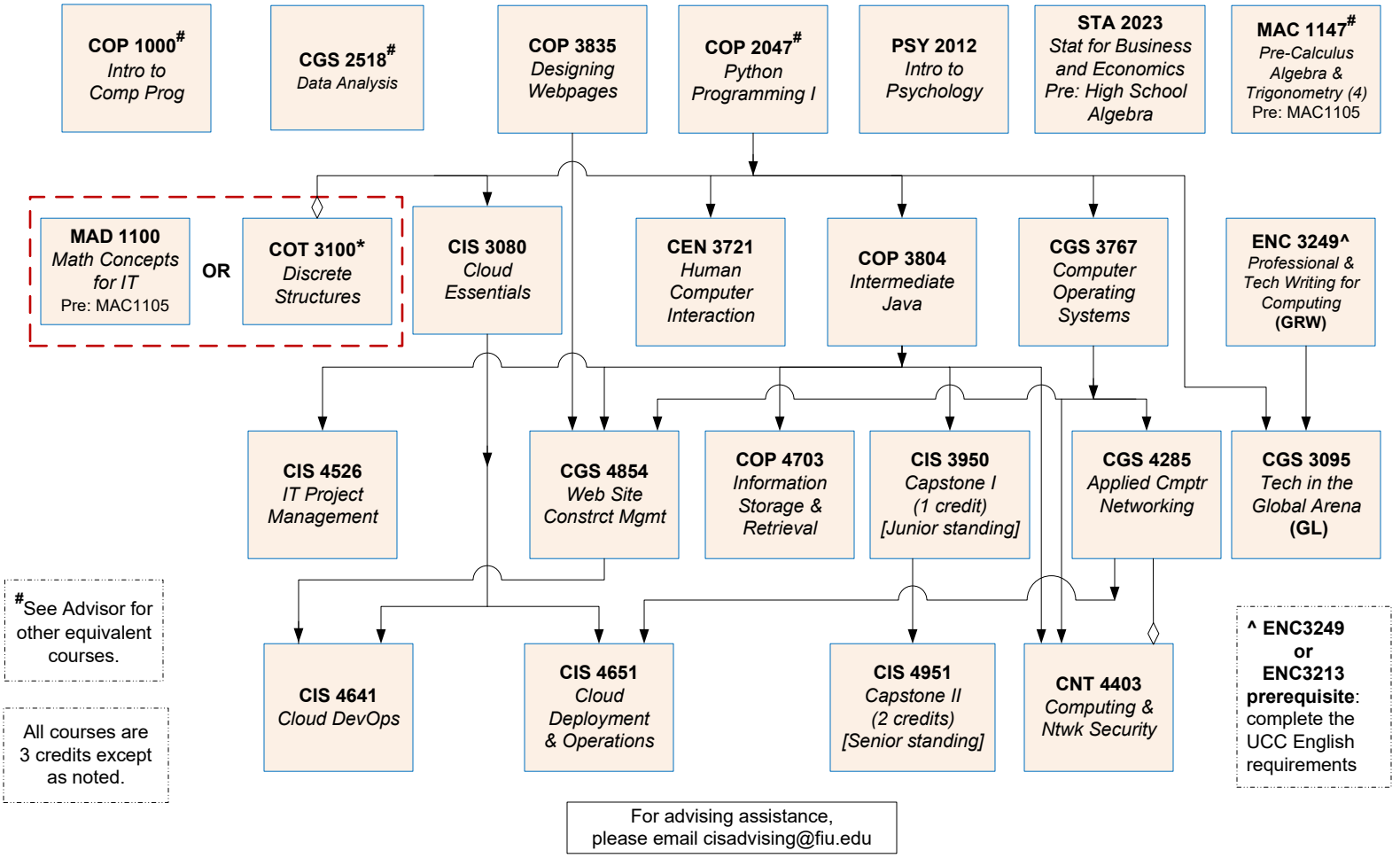
FIU Knight Foundation School of Computing and Information Sciences

# Bachelor of Science in Information Technology
# Information Technology DevOps Major (effective Fall 2026)

Simple Syllabus Search Tip  Course Catalog Search Tip




#See Advisor for other equivalent courses.

All courses are 3 credits except as noted.

^ ENC3249 or ENC3213 prerequisite: complete the UCC English requirements

For advising assistance, please email cisadvising@fiu.edu

***IT Electives***: Choose three electives (3 credits each)
Nine credits of electives are required. Take one course from each group (two courses) and the third course from either group.

**Application Development**

- ❑ **CNT 4182 *Mobile & IoT Security*** (Prereq: CNT4403 or EEL4806)
- ❑ **COP 4005 *Windows Prmg for IT*** (Prereq: CEN3721 & COP3804; Co-req: COP4703)
- ❑ **COP 4655 *Mobile Appl Prgm*** (Prereq: (CEN3721 & COP4814) or (CAP4104 & CEN4010))
- ❑ **COP 4751 *Advanced Database Management*** (Prereq: COP4703)
- ❑ **COP 4813 *Web Appl Prgm*** (Prereq: CGS4854)
- ❑ **COP 4814 *Component Based SW Dev*** (Prereq: CGS4854 & COP4703)
- ❑ **COT 4601 *Fundamentals of Quantum Computing*** (Prereq: COP3337/COP3804 & COT3100)
- ❑ **CTS 4408 DB Admin** (Prereq: COP4703)

**System Network**

- ❑ **CIS 4203 *Digital Forensics*** (Prereq: COP2047/COP2210/COP2250/ EEL2880)
- ❑ **CIS 4226 *Offensive Security*** (Prereq: CNT4403 or EEL4806)
- ❑ **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))

*** COT3100:**
Prereq: MAC XXXX and COP XXXX (any MAC course and any COP course)
Coreq:(COP2047 or 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.