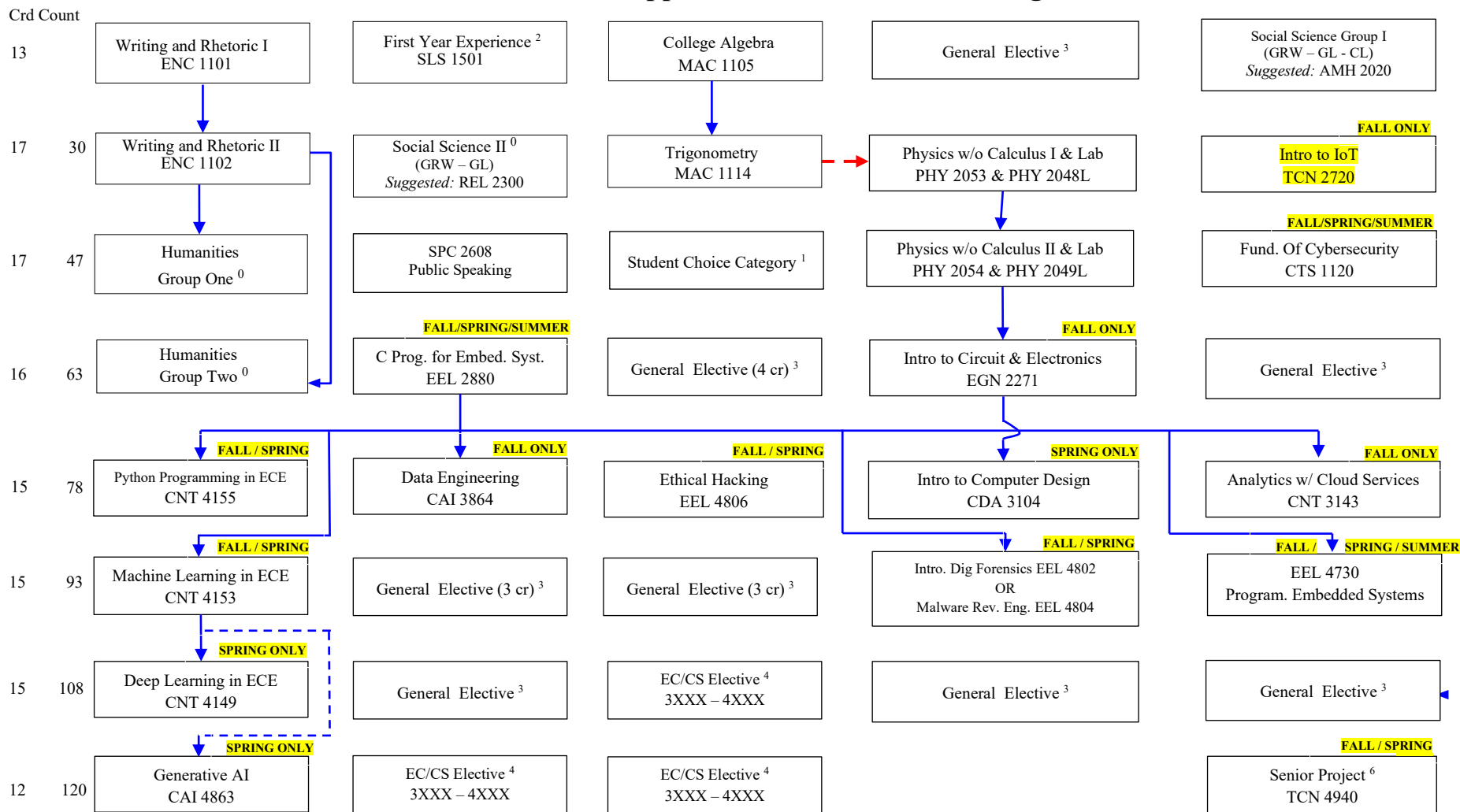


BS in Applied AI and Internet of Things



⁰ List of alternative courses can be found: https://dasa.fiu.edu/all-departments/advising/university-core-curriculum_changes-effective-fall-2025_04.22.25-with-course-number-updates.pdf

¹ Students must complete one additional course of their choice from the Humanities, Mathematics, Natural Science, or Social Science categories.

² Students who satisfied their Global Learning requirements through the University Core Curriculum, can replace these courses with any general elective (1000-4000 level)

³ Students are required to complete at least 19 credits of general electives (1000-4000 level).

⁴ Students are required to complete at least 9 credits of EC/CS electives from the list below.

⁵ Satisfies CIVICS LEARNING (CL) requirement.

⁶ Student may enroll in TCN 4940 within the last 30 credits after having completed all core courses for the program.

NOTE: Any student found to be taking any course without its prerequisite or co-requisite will be dropped from the course without a refund.

EC/CS Electives

Students are required to complete at least 9 credits of EC/CS electives from the list below.

- | | |
|------------|---|
| • EEL 3370 | C++ Programming for Embedded Systems |
| • EEL 4734 | Embedded Operating Systems |
| • EEL 4831 | Embedded GUI Programming |
| • TCN 4081 | Telecommunication Network Security |
| • TCN 4211 | Telecommunication Systems |
| • TCN 4212 | Telecomm. Network Analysis & Des. |
| • EEE 4750 | Intro to Image & Video Forensics |
| • EEE 4752 | Intro to Network Forensics & Incident Resp. |
| • EEE 4754 | Intro to Mobile Forensics |
| • CAI 4854 | Embedded AI |
| • CNT3142 | Microcontrollers for Internet of Things |
| • CNT3162 | Wireless Communications for IoT |
| • CNT 4147 | IoT & Sensor Big Data Analytics |
| • CNT 4151 | Data Visualization in ECE |
| • CNT 4151 | IoT & Sensor Data Visualization |
| • CNT 4165 | Network Protocols for Internet of Things |
| • CNT 4185 | Internet of Things Privacy |
| • CNT 4188 | Internet of Things Forensics |