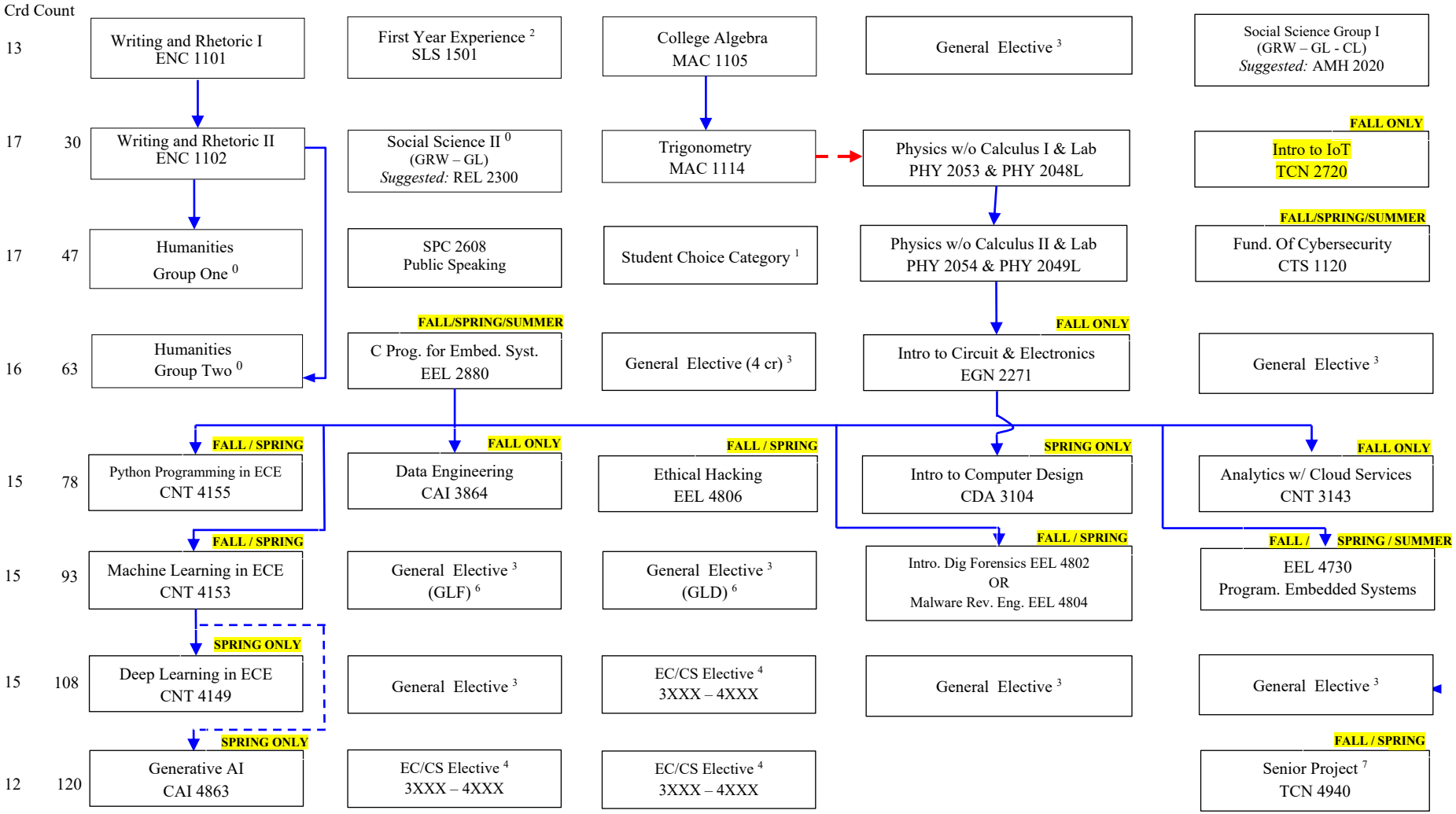
BS in Applied AI and Internet of Things



Other Requirements (Must be completed for graduation):

GRW1:_____ GRW2:_____ Foreign Language:_____ 9 Summer Credit Hours:_____ UCC:_____ Total Credits: _____ / 120

GL-F:_____ GL-D:_____ Civics Literacy Course: _____ Civics Literacy Assessment: _____

[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] Students must complete 2 classes that satisfy FIU's **Global Learning Requirement**. See your assigned advisor for details.

7 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.

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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