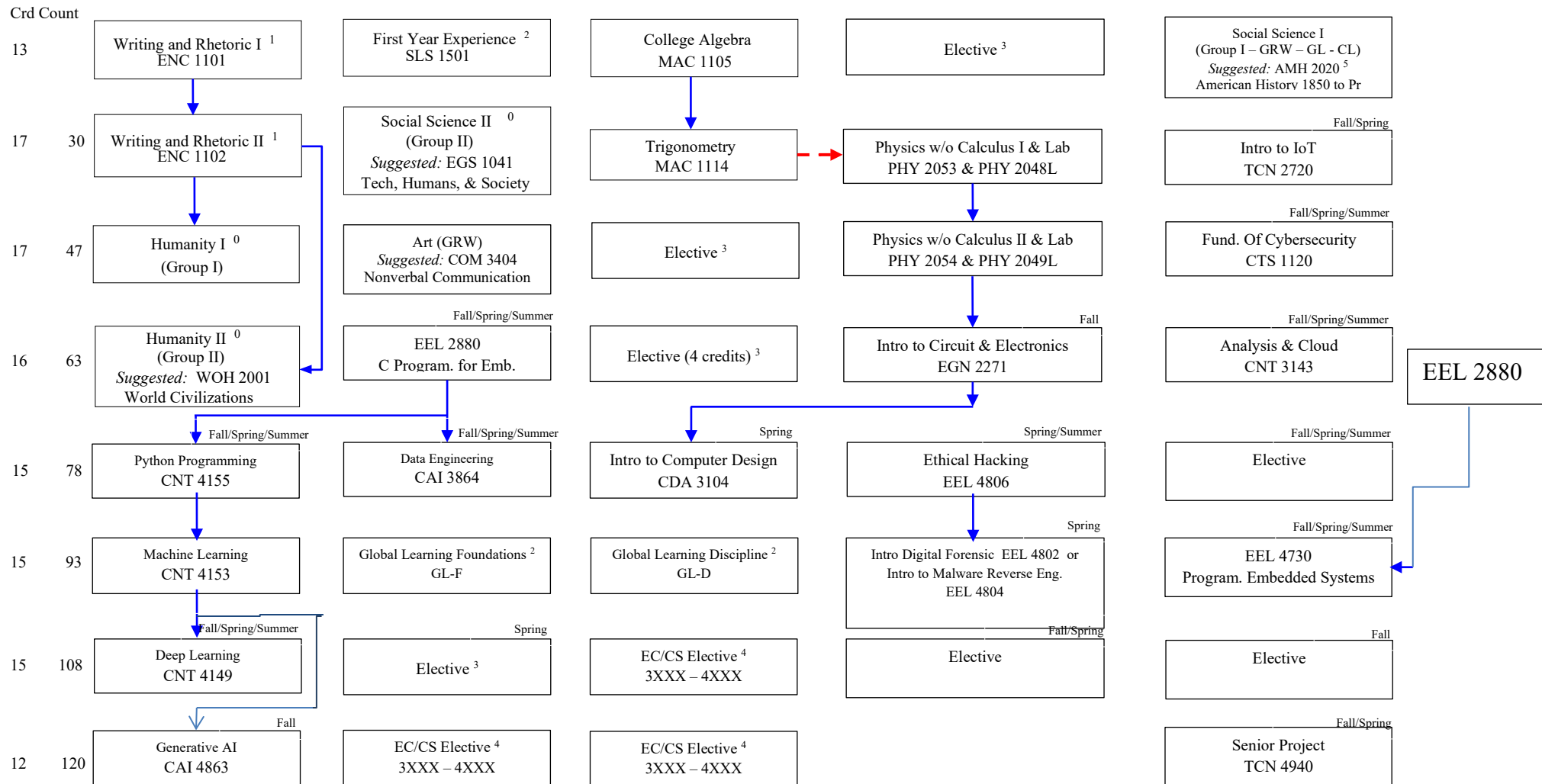


BS Applied AI and IoT Flowchart



Other Requirements (Must be completed for graduation):

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

GL-F: _____ GL-D: _____ CL: _____

⁰ List of alternative courses can be found: <https://acs.fiu.edu/offices-services/advising/university-core-curriculum-updated-6-17-20.pdf>

¹ Students w/> 30 transfer credits may be able to substitute ENC 1101 & ENC 1102 with: 1) ENC 2304 and 2) then one of the following: ENC 3213, ENC 3249, ENC 3311 or ENC 3314

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.

*Starting in Fall 2010 Freshman and Transfer Students will have to complete 6 credit hours (2 classes) that will satisfy the **Global Learning Requirement**.

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 |
| • CNT4185 | Internet of Things Privacy |
| • CNT4165 | Network Protocols for Internet of Things |
| • CNT4188 | Internet of Things Forensics |
| • EEL 4734 | Embedded Operating Systems |
| • EEL 4831 | Embedded GUI Programming |
| • CAI 4854 | Embedded AI |
| • TCN 4081 | Telecommunication Network Security |
| • TCN 4212 | Telecomm. Network Analysis & Des. |
| • EEE 4754 | Intro to Mobile Forensics |
| • EEE 4750 | Intro to Image & Video Forensics |
| • EEE 4752 | Intro to Network Forensics & Incident Resp. |
| • CNT 4147 | Big Data Analytics in ECE |
| • CNT 4151 | Data Visualization in ECE |
| • CNT3142 | Microcontrollers for Internet of Things |
| • CNT3162 | Wireless Communications for IoT |
| • EEE4717 | Introduction to IoT Security |
| • TCN 4211 | Telecommunication System |

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