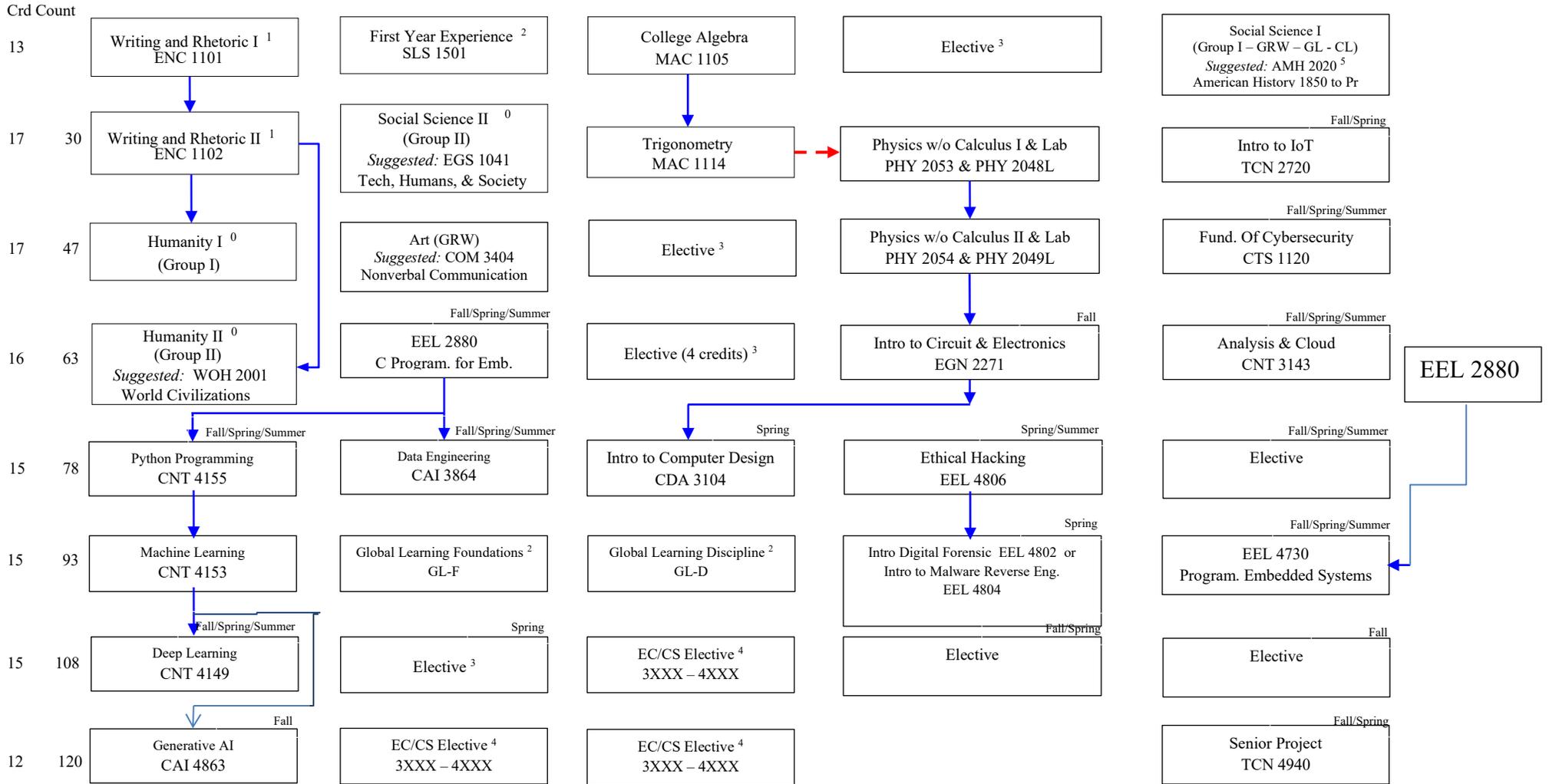


# BS Applied AI and IoT Flowchart



**Other Requirements (Must be completed for graduation):**

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

GL-F: \_\_\_\_\_ GL-D: \_\_\_\_\_ CL: \_\_\_\_\_

<sup>0</sup> List of alternative courses can be found: <https://acs.fiu.edu/offices-services/advising/university-core-curriculum-updated-6-17-20.pdf>  
<sup>1</sup> 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  
<sup>2</sup> Students who satisfied their Global Learning requirements through the University Core Curriculum, can replace these courses with any general elective (1000-4000 level)  
<sup>3</sup> Students are required to complete at least 19 credits of general electives (1000-4000 level).  
<sup>4</sup> Students are required to complete at least 9 credits of EC/CS electives from the list below.  
<sup>5</sup> 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.