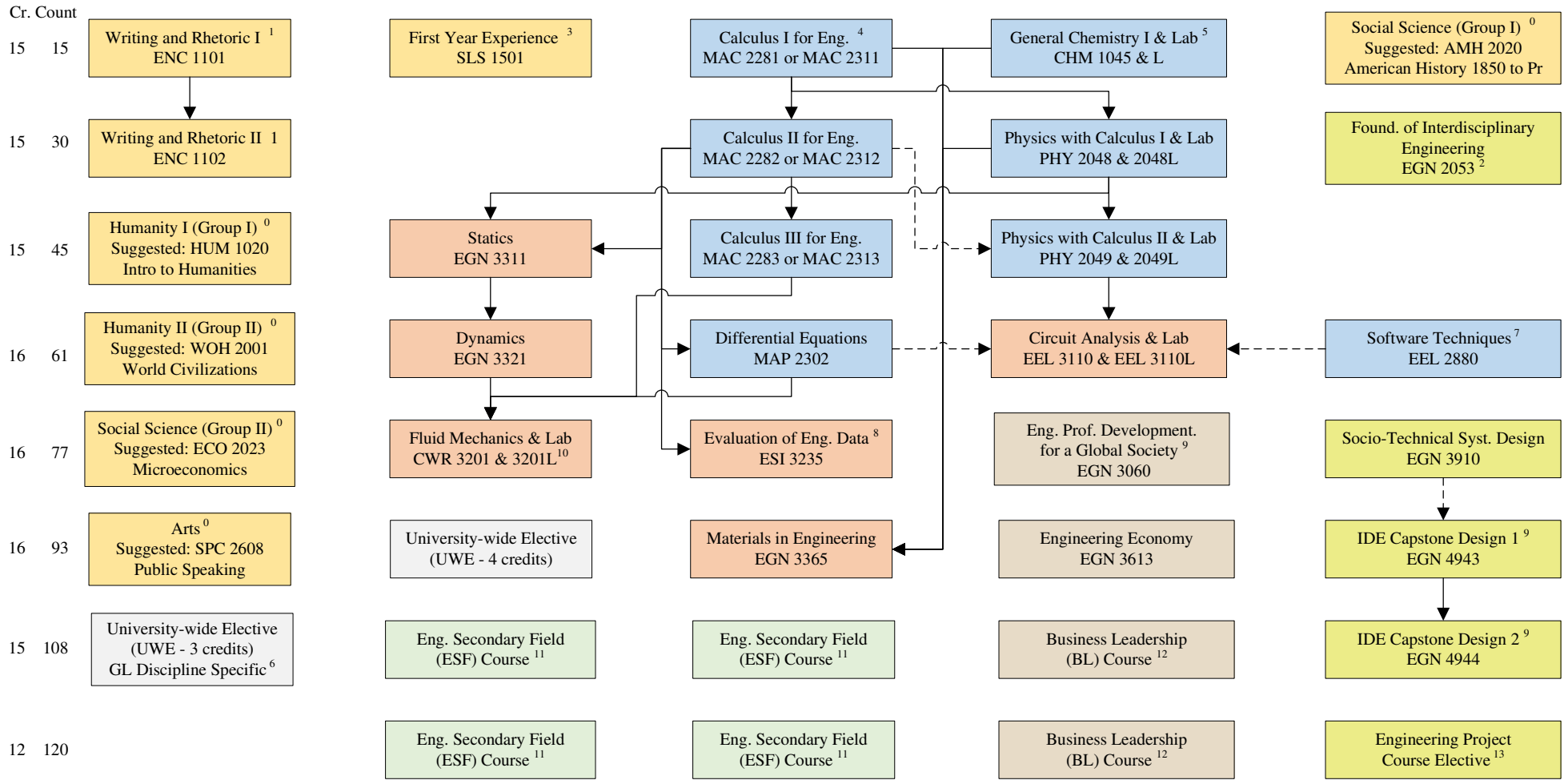
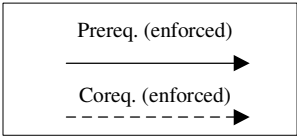


Interdisciplinary Engineering Flowchart



Other Requirements (Must be completed for graduation):
 GWR1: _____ GWR2: _____ Foreign Language: _____ 9 Summer Credit Hours: _____ UCC: _____ Civics: _____
 GL1: _____ GL2: _____ ESF: ____/12crd BL: ____/6cr UWE: ____/7crd Total Credits: _____ / 120



| | | | |
|---|---|---|---|
| University Core Curriculum (UCC): 19 credits | Common Pre-requisites: 35 credits | Eng. Foundation: 23 credits | University Wide Electives: 7 credits |
| Engineering Secondary Field: 12 credits | Eng. Business & Leadership: 12 credits | Interdisc. Proj. Experiences: 12 credits | |

⁰ List of alternative courses can be found at: <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 2301 and 2) one of the following: ENC 3211, ENC 3311 or ENC 3317

² Waive able for AA transfer students; other transfer students should see an advisor; may substitute with department-specific equivalents (EGS 1006, EGN 1002 and ECS 2030). These courses are not required for students who select EGN 2XXX Foundations of Interdisciplinary Engineering.

³ Students w/> 30 transfer credits may be able to waive SLS 1501.

⁴ Prerequisite: MAC 1105 + MAC 1147

⁵ Prerequisite: Second year high school algebra or MAC 1105 College Algebra

⁶ Alternative course list found at: <https://goglobal.fiu.edu/courses/discipline-specific-course-list/>

⁷ May substitute with EML2032, COP 2210, COP 2250 or other approved programming course.

⁸ May substitute with STA 3033 or STA 3111.

⁹ The Vertically Integrated Project sequence is taken in two consecutive semesters starting in the junior year for three credits each attempt. A third course (IDS 3917) may be taken in a semester prior to these two courses to fulfill the projects-course requirement.

¹⁰ May be substituted via EML 3026 and EML 3026L.

¹¹ Students must select twelve credits of additional required or elective courses in a degree-granting ABET-accredited program in the College of Engineering and Computing (CEC) to form a coherent secondary field. At least nine credits must be upper division courses hosted in CEC.

¹² List held by SUCCEED.

¹³ Project course in engineering (list held by SUCCEED) or approved three-credits of co-op or independent study.

Engineering Secondary Field Courses (12 credits)

Can be required or elective engineering courses in a degree-granting ABET-accredited program in the College of Engineering and Computing (CEC) **to form a coherent secondary field**. At least nine credits must be upper division courses hosted in CEC. See advisor for approval.

Coherent course prefixes may include:

- Biomedical Engineering: BME
- Civil, Environmental Engineering: CES, CGN, CWR, EGM, EGN, ENV, TTE
- Electrical, Computer Engineering: EEL, EEE, TCN
- Mechanical Engineering: EGM, EGN, EMA, EML, EAS

Business Leadership Courses (6 credits)

List held by SUCCEED. Courses may include:

- MAN 3022 Introduction to Management
- MAR 3023 Introduction to Marketing (GL)
- EEL 4933 Eng. Entrepreneurship
- EEL 4062 Eng. Business Plan Development
- EEL 4063 Economic Decision Making in Engineering

Engineering Project Course Elective (3 credits)

List held by SUCCEED or approved co-op or independent study. Course may include:

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