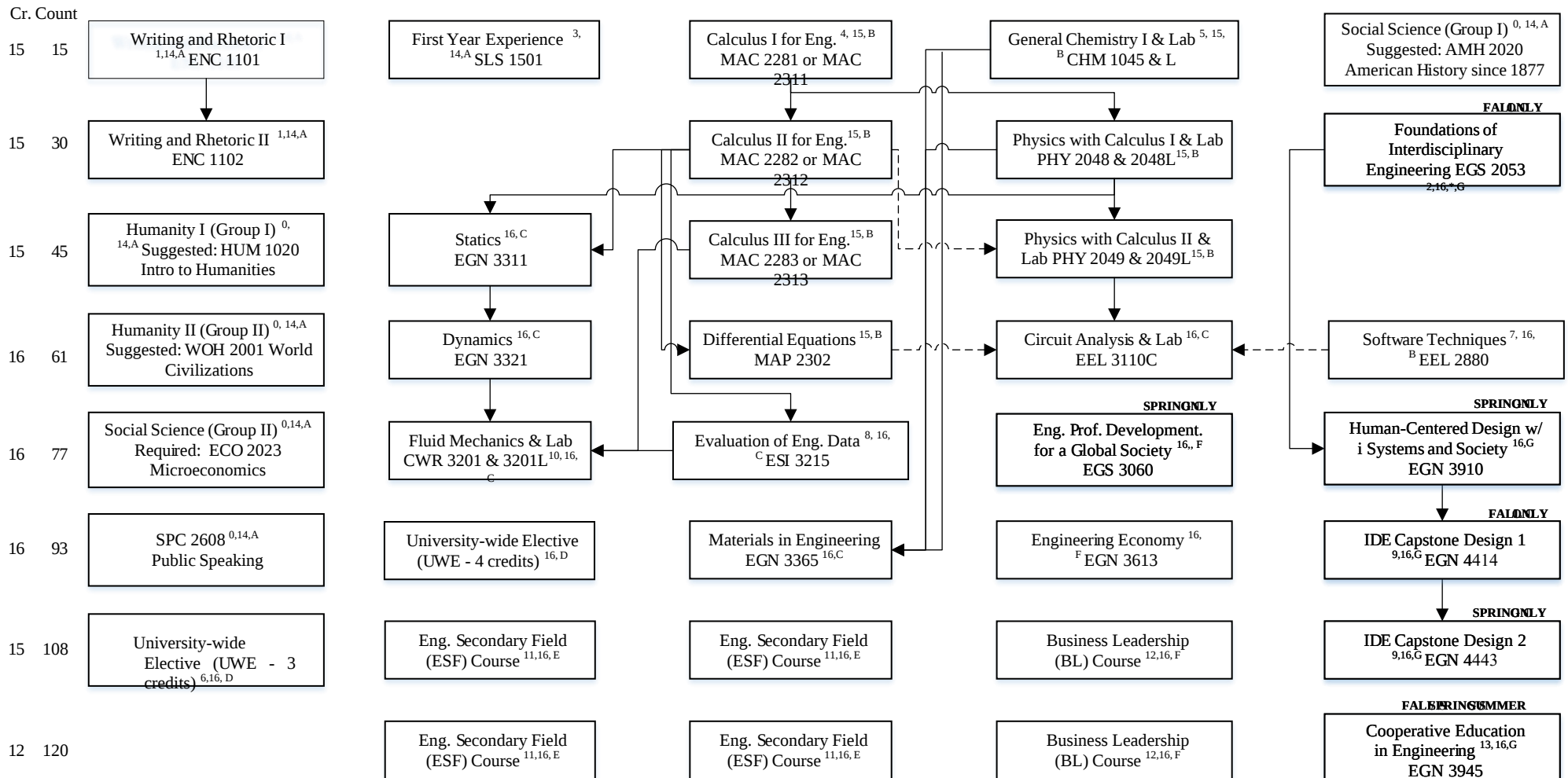


Interdisciplinary Engineering Flowchart



Other Requirements (Must be completed for graduation):

GWR1: _____ GWR2: _____ Foreign Language: _____ 9 Summer Credit Hours: _____ UCC: _____ Civics: _____
 ESF: ____/12crd BL: ____/6cr UWE: ____/7crd Total Credits: ____ / 120

Prereq. (enforced)

Coreq. (enforced)

University Core Curriculum (UCC): 19 credits

A

Common Pre-requisites: 35 credits

B

Eng. Foundation: 23 credits

C

University Wide Electives: 7 credits

D

Engineering Secondary Field: 12 credits

E

Eng. Business & Leadership: 12 credits

F

Interdisc. Proj. Experiences: 12 credits

G

Effective Fall 2025

Rev 08/2026

Notes

⁰ ECO 2023 is an IDE required common pre-requisite course satisfying UCC Social Science Group 2. Full UCC can be found at: https://dasa.fiu.edu/all-departments/advising/university-core-curriculum_changes-effective-fall-2025_04.22.25-with-course-number-updates.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 **Students with an AA degree or who have completed an introductory Engineering course may use EGS 2053 towards the EGN 3945 Coop in Engineering project requirement.**

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, COP 2270 or other approved programming course - see advisor for clarification.

⁸ May substitute with STA 3033 or STA 3111.

⁹ **The IDE Capstone Design sequence is taken in two consecutive semester. Must complete EGN 3910 prior to enrolling.**

¹⁰ May be substituted via EML 3126 & EML 3126L, EGN 3343 or other approved Engineering Science course. If the replacement course is 3 credits the student may take an approved Engineering Lab coupled with an approved ESF course to make up the credit deficiency.

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 (3000+ level) courses hosted in CEC. Proposed courses must be pre-approved by Undergraduate Program Director.** For more information go to: <https://succeed.fiu.edu/academics/degree-programs/bs-in-interdisciplinary-engineering/engineering-secondary-field/>

¹² List held by SUCCEED.

¹³ EGN 3945, pre-approved co-op, internship or independent study are recommended. Project course in engineering (list held by SUCCEED).

(*) EGS 2053 should be taken prior to EGN 3910.

Minimum Passing Grades

¹⁴ Courses that are part of the University Core Curriculum (UCC) that are not Gordon Rule can be passed with a D, otherwise a grade of C or better is required. See note "O" for the University Core Curriculum (UCC) requirements.

¹⁵ CHM, MAC, MAP, PHY prefix courses must be passed with C or better.

¹⁶ Courses that are part of the student's study plan can be passed with a D unless a grade of C or higher is required by the teaching department to register for another course in the student's current study plan.

Business Leadership Courses (6 credits)

List held by SUCCEED. Courses may include: MAN 3022, MAR 3023 (GL), EEL 4933, EEL 4062, EEL 4063, **EEL 4090C.**

Engineering Secondary Field Courses (12 credits)

See Note 11 above. Acceptable coherent field prefixes include: Biomedical Engineering: BME; Civil & Environmental Engineering: CES, CGN, CWR, EGM, EGN, ENV, TTE; Electrical & Computer Engineering: EEL, EEE, TCN, CNT; Mechanical Engineering: EGM, EGN, EMA, EML, EAS; Industrial Engineering: EIN, ESI.