

Freshman Year

Semester 1

Semester 2

Sophomore Year

Semester 1

Semester 2

Junior Year

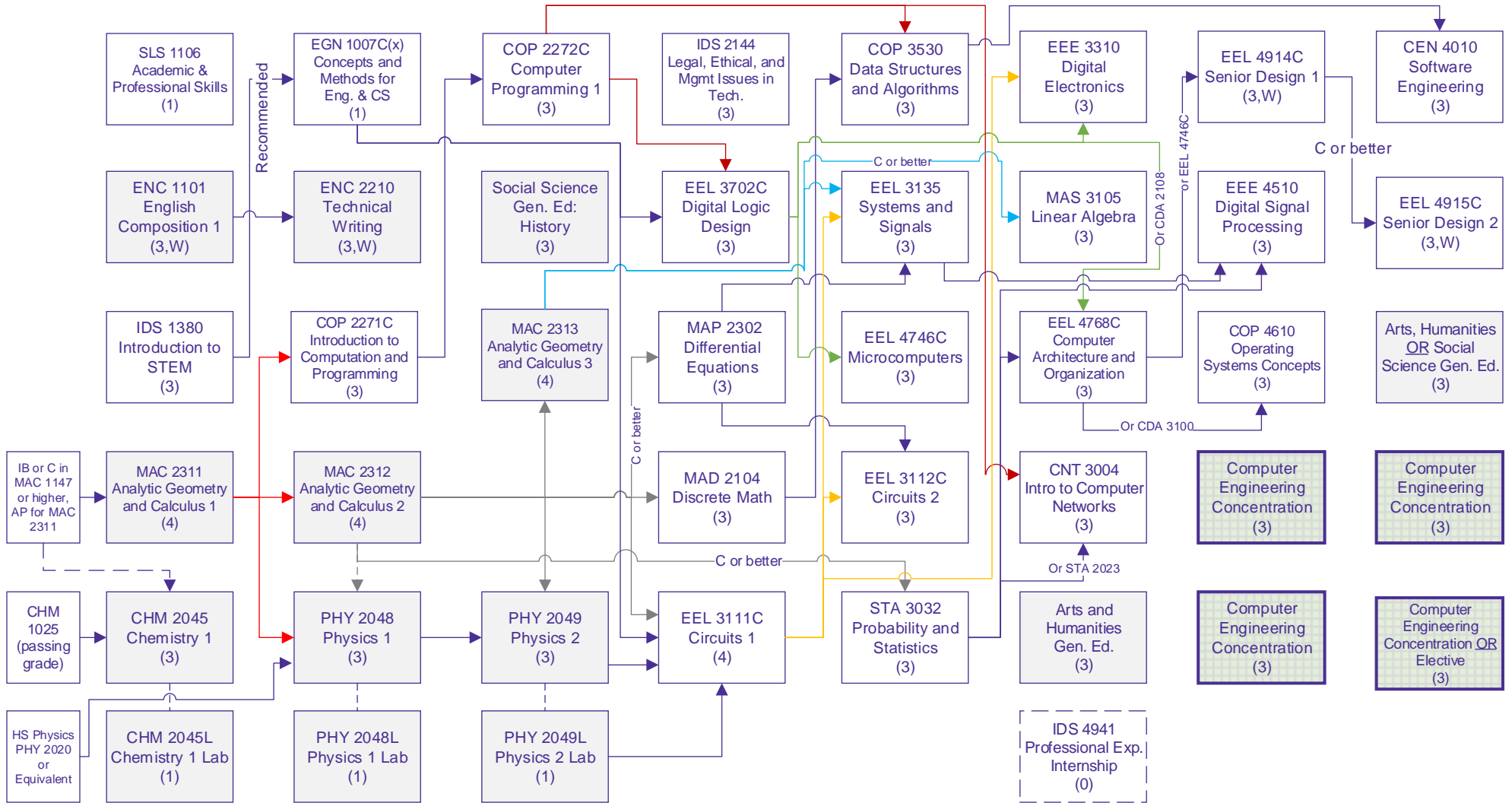
Semester 1

Semester 2

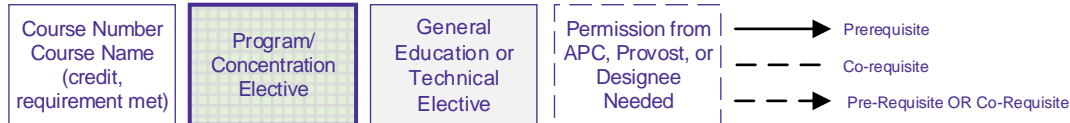
Senior Year

Semester 1

Semester 2



Legend:



Program/Concentration Electives

Advanced Topics

Choose six credits from courses in concentrations and six credits from Computer Engineering Electives.

Digital Logic Design

- CDA 4210 VLSI Design (3, EEL 4768C, EEE 3310)
- EEE 4351 Electronic Devices (3, EEL 3112C, CHM 2045, CHM 2045L)
- EEL 4794 Power Aware Design (3, EEL 3111C, CDA 4210)
- Other CE concentration or program elective (3)

Embedded Systems Design

- CDA 3631C Embedded Operating Systems (3, EEL 4768C or CDA 3100)
- COP 4656 Mobile Device Apps (3, COP 2272C)
- EEL 4685C Embedded Control (3, EEL 3135, EEL 4768C)
- Other CE concentration or program elective (3)

Machine Intelligence

- COP 3330C Computer Programming 2 (3, COP 2272C)
- CAP 4410 Computer Vision (3, MAS 3114 or MAS 3105, COP 3330C, COP 4415 and COP 4531, or COP 3530)
- CAP 4612 Machine Learning (3, COP 3530 or COP 4415 and COP 4531, MAS 3114 or MAS 3105, STA 2023)
- Other CE concentration or program elective (3)

Computer Engineering (Program Electives)

- ENT 2112 Entrepreneurial Opportunity Analysis (3)
- MAD 3401 Numerical Analysis (3, MAS 3114 or MAS 3105)
- Or any other 3000 or 4000 level course with the following prefixes: CAP, CEN, CIS, CNT, COP (except COP 4415 AND COP 4531), EEL, EEE

Arts, Humanities, and Social Sciences

Arts & Humanities

Required one (1) from the following:

- ARH 2000 Art Appreciation (3-W)
- HUM 2020 Introduction to Humanities (3-W, ENC 1101)
- PHI 2010 Introduction to Philosophy (3-W)

Optional one of the following or more from Arts & Humanities required or Social Sciences:

- IDS 2144 - Legal, Ethical, and Management Issues in Technology (3-W)
- HUM 2022 Explorations in the Humanities (3-W)

Social Sciences

Required one (1) from the following:

- AMH 2010 American History Since 1877 (3-W)
- PSY 2012 General Psychology (3-W)
- ECO 2013 Principles of Macroeconomics (3-W)
- AMH 2930 Special Topics in American History (3-W)

Required one (1) from the following:

- AMH 2020 American History to 1877 (3-W)
- ECO 2023 Principles of Microeconomics (3-W)
- AMH 2930 Special Topics (1 to 3-W)

Total Program Credits: 120

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