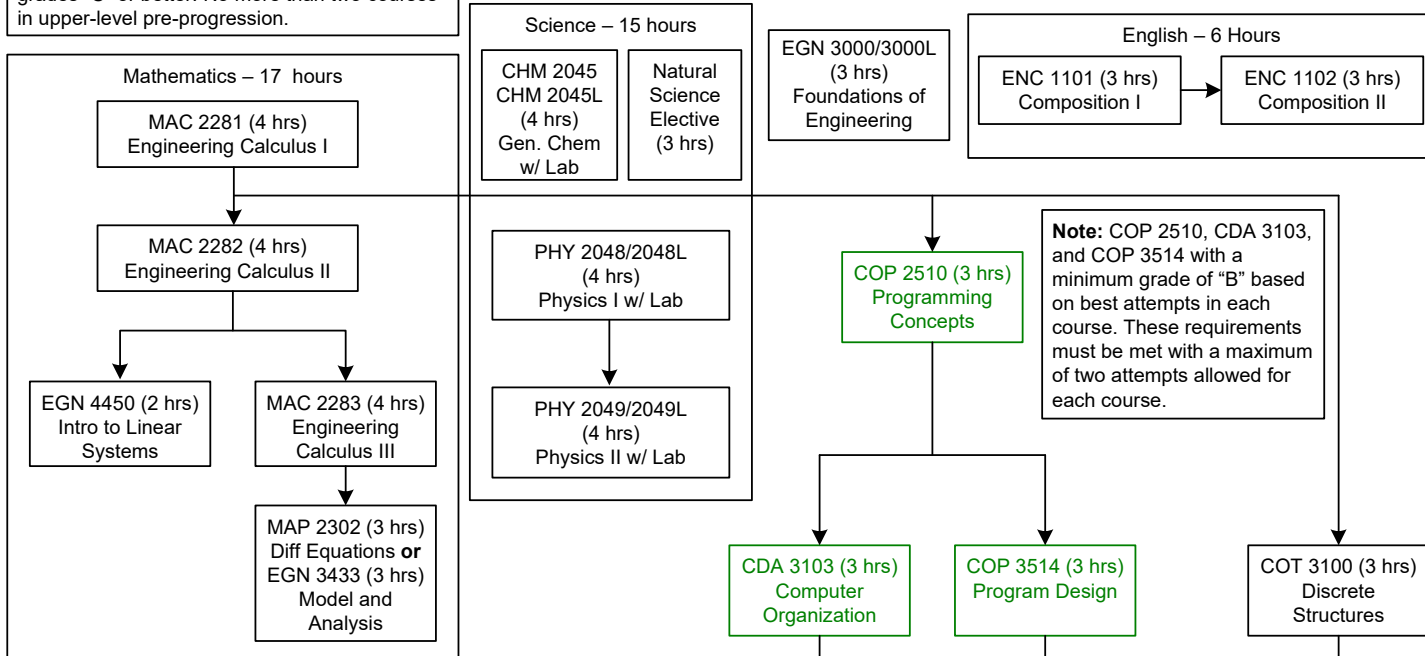


Computer Engineering Program Catalog 2022-23 – 120 Hours

Requires a 3.5 grade average in Calculus I, Calculus II, and Physics I with Lab for progression to upper-level. Prereq for COP 2510 is minimum grade of "B" in Calculus I. All grades "C" or better. No more than two courses in upper-level pre-progression.

NOTE: This flowchart is provided as a guide; the catalog is the only definitive source of requirements.



Engineering fundamentals and core courses
 EGN 3615 (3 hrs) Engineering Economics with Social and Global Implications (no coreqs or prereqs) (HCDGC Gen Ed)
 EGN 3443 (3 hrs) Probability and Statistics for Engineers (MAC 2282 prereq)
 EGN 3373 (3 hrs) Electrical Systems (EGN 3433 or MAP 2302 with "B" coprereq)
 EEE 3394 (3 hrs) Electronic Materials (CHM 2045, PHY 2048 or PHY 2060 pre-req. MAC 2283 or MAC 2313 coprereq)

Additional requirements
 Gen Ed Social Science (3 hrs)
 Gen Ed Humanities (3 hrs)
 ENC 3246 Communication for Engineers (3 hrs)
 Foreign Lang (8 hrs or 2 years high school)

Industry internship
 An industry internship is recommended for the third summer. Credit can be earned as **CIS 4940 Industry Internship**. See the Department Advisor for more information.

Notes

- 1) Unless otherwise stated, the minimum acceptable grade in all required math, science, and engineering courses is a "C" or higher ("C-" is insufficient). The minimum acceptable grade in specialization courses is a "C-", except as stated in the program admission and continuation requirements in the catalog.
- 2) COP 4530 is the minimum prereq for most software electives. CDA 3201 with lab is the minimum prereq for most hardware electives. COP 4530 and COT 3100 are the minimum prereqs for most theory electives.
- 3) An additional prereq for EGN 3433 is PHY 2049/2049L.
- 4) Department website lists elective courses by category. Should also consult with Department advisor.
- 5) The maximum number of credit hours for CIS 4900, CIS 4915, and CIS 4940 in any combination is 6 credit hours.
- 6) Students may be required to complete both an approved civic literacy course and a passing score on a designated civic literacy assessment before graduation from the USF. Consult the catalog.