2021 Suggested Courses for
Software Engineering (SE) 2020 – 2021 Catalog

1) Major course options:
   • May already be fulfilled with transfer credit; check prerequisites.
   • If you do not have transfer credit in CPE 202:
     o Take CPE 202 (4)*: Data Structures
   • If you have transfer credit in CPE 202:
     o Take CPE 203 (4)*: Project-Based Object-Oriented Programming and Design
   • CSC 225 (4)^: Introduction to Computer Organization.
   • PHIL 323(4)*: If you did not take transfer in lower division philosophy GE course, you will need to request a permission number here
   • If you experience problems enrolling in CSC/CPE prefixed courses, please email Leanne Fiorentino in the CSC Department.
   • Transfer students should NOT take CPE 123.
     o May already be fulfilled with transfer credit.
     o If not fulfilled, take an additional 4 units of Technical Electives in a future quarter.

2) Support course options:
   • May already be fulfilled with transfer credit; check prerequisites.
   • PSY 201 or PSY 202 (4): General Psychology
   • PSY 350 (4): Teamwork
     or COMS 217 (4): Small Group Communication
   • STAT 312 (4): Statistical Methods for Engineers
   • IME 314 (3): Engineering Economics
     or IME 315 (3): Financial Decision Making for Engineers
   • Math Support Elective
   • Life Science Support Elective

*Course is required or strongly recommended in fall due to course availability or prerequisites.
^Course should be taken as soon as possible.

3) General Education (GE) course options:
   • May already be fulfilled with transfer credit; check prerequisites.
   • Any remaining lower division GE course(s).
   • Upper-Division C.
   • The Graduation Writing Requirement (GWR) must be fulfilled before graduation by either enrolling in a GWR-approved, upper-division English course (which can double-count with the Upper-Division C) OR by completing the GWR Portfolio (currently for students in graduating quarter only). GWR courses are searchable on Schedule Builder.
   • The United States Cultural Pluralism (USCP) requirement must be satisfied before graduation. USCP courses may double-count with a remaining GE requirement and are searchable on Schedule Builder.
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4) Additional notes:
   • Recommended that you enroll in 12 – 16 units.
   • As you plan, pay close attention to the prerequisites required for CPE 357.
   • For planning purposes, refer to Terms Typically Offered Website for the term courses are typically offered.
   • All transfer students admitted in fall 2021 will follow the 20-21 catalog due to changes on the 21-22 catalog that may require additional coursework. You can change your catalog year through the Registrar’s Office, if you wish. We recommend meeting with an advisor before changing your catalog.
   • You may need a permission number to enroll in a course. Permission numbers are unique codes departments or class instructors may choose to issue so you can enroll in a class that the system is preventing you from enrolling in on your own.

5) Engineering Student Services (ESS):
   Engineering Advising | Multicultural Engineering Program | International Exchange Program
   Location: Building 40, Room 115
   Phone: 805-756-1461 (not monitored during COVID-19 office closure)
   ESS Email
   ESS Website

6) CSC and SE Department:
   Location: Building 14, Room 254
   Phone: 805-756-2824
   CSC/SE Email
   CSC/SE Website