Fall 2024 Suggested Courses for Computer Science (CSC)

1) High-priority courses for Fall 2024:
These courses are recommended for Fall 2024 for your major.
These requirements may already be fulfilled with transfer credit.
You may not be eligible for these courses yet due to prerequisites. Check current requisites in the 2022-26 Catalog.

- CSC 490 (2) (section 01): Transfer Student Orientation and Workshop
- If you do not have transfer credit in CSC 202, take:
  - CSC 202 (4): Data Structures
- If you have transfer credit in CSC 202, take:
  - CSC 203 (4): Project-Based Object-Oriented Programming and Design
  - CPE 225 (4): Introduction to Computer Organization
- If you have transfer credit in CSC 202 and CSC 203, take:
  - CSC 248 (4): Discrete Structures
  - CPE 225 (4): Introduction to Computer Organization

2) Mid-priority courses for Fall 2024:
These courses are not required for Fall 2024 but are recommended to take sooner than later.
These requirements may already be fulfilled with transfer credit.
You may not be eligible for these courses yet due to prerequisites. Check current requisites in the 2022-26 Catalog.

- If you have transfer credit in CSC, 202, CSC 203, CSC 248 and CPE 225, take:
  - CSC 349 (4) (sections 01, 03 or 13): Design and Analysis of Algorithms
  - CSC 365 (4) (sections 01, 11, or 19): Intro to Database Systems
- If you have transfer credit in CSC 202, CSC 203 and CSC 248 and will be taking CPE 225 during Fall 2024, choose one course:
  - CSC 349 (4) (sections 01, 03 or 13): Design and Analysis of Algorithms
  - CSC 365 (4) (sections 01, 11 or 19): Intro to Database Systems
- PHIL 323(4): This course also double counts for the GE UD C requirement.

3) Low-priority courses for Fall 2024:
These are additional course options for Fall 2024, if you need additional units.
These requirements may already be fulfilled with transfer credit.
You may not be eligible for these courses yet due to prerequisites. Check current requisites in the 2022-26 Catalog.

- STAT 312 (4): Statistical Methods for Engineers
- ES/WGQS 350 or ES 351 (choose 1 course): If you did not transfer in credit for the USCP (see information below), then ES/WGQS 350 will double count for the support requirement and the
USCP requirement. If you did not transfer in credit for the Area D Elective, then ES 351 will
double count for the support requirement and GE requirement.

- **Life Science Support Elective**
- **Additional Science Support Elective**
- Any remaining lower-division Support or General Education (GE) course(s).
- The 2022-26 catalog has concentrations within Computer Science, which combines the
  MATH/STAT Elective within the concentration requirements. Until you decide on a
  concentration, it is not advised to take the MATH/STAT requirement.

4) **General degree requirement notes:**
   - The [Graduation Writing Requirement (GWR)](https://www.calpoly.edu/graduate-studies/graduation-writing-requirement) must be fulfilled before graduation by either:
     1. If you take PHIL 323: Enroll in UNIV 401: GWR Portfolio **AFTER** completing PHIL 323. Do not take UNIV 401 in Fall 2024; take it **after** you complete the Upper-Division C GE (PHIL 323) requirement.
     2. Enrolling in a GWR-approved course (searchable on Schedule Builder).
   - The [United States Cultural Pluralism (USCP)](https://www.calpoly.edu/graduate-studies/graduate-scholarship-opportunities/united-states-cultural-pluralism.aspx) requirement must be satisfied before graduation. USCP courses may double-count with a remaining GE requirement and ES/WGQS 350 (support course) and are searchable on Schedule Builder.

5) **Additional notes:**
   - Transfer students should NOT take CPE 123.
     - **May already be fulfilled with transfer credit.**
     - If not fulfilled, take an additional 4 units of Technical Electives in a future quarter.
   - Recommended that you enroll in 12 – 16 units in Fall 2024.
   - You have the option to/must select a concentration. We encourage you to declare your
     concentration during your first year. [Form to declare your concentration](https://www.calpoly.edu/graduate-studies/graduate-scholarship-opportunities/concentration-selection-form.aspx)
   - You may need a **permission number** to enroll in a course. Permission numbers are unique codes
     departments or class instructors may choose to issue. The code allows you to enroll in a class
     that the system is preventing you from enrolling in.

6) **Engineering Student Services (ESS):**
   Engineering Advising | Multicultural Engineering Program | International Exchange Program
   Location: Building 40, Room 115
   Phone: 805-756-1461
   [ESS Email](mailto:eadvise@calpoly.edu): eadvise@calpoly.edu
   [ESS Website](https://eadvise.calpoly.edu/):

7) **CSC and SE Department:**
   Location: Building 14, Room 254
   Phone: 805-756-2824
   [CSC/SE Department Email](mailto:computer-science@calpoly.edu): computer-science@calpoly.edu
   [CSC/SE Website](https://csc.calpoly.edu/): https://csc.calpoly.edu/