

Degree Requirements and Four-Year Plan
 Bachelor of Arts in Computer Science (105 units)
 (Curriculum Effective Fall 1994) Form Revised Fall 2006
 Department of Computer Science and Engineering, UCSD

Name: _____ PID #: _____ Date: _____

College: _____ Qtr Admitted: _____ Estimated Qtr of Graduation: _____

Email: _____ Phone #: _____

Current Home Address: _____

Lower-Division Courses (15 courses = 53 units)
 Upper-Division Core Courses (10 courses = 36 units)
 Upper-Division Technical Electives (4 courses = 16 units)

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|--|---|
| <input type="checkbox"/> _____ Math 20A, Calculus | <input type="checkbox"/> _____ CSE 100/Math 176, Adv. Data Structures |
| <input type="checkbox"/> _____ Math 20B, Calculus | <input type="checkbox"/> _____ CSE 101/Math 188, Des&Analy. Algorithms |
| <input type="checkbox"/> _____ Math 20C, Calc.& Analy Geometry | <input type="checkbox"/> _____ CSE 105/Math 166, Theory of Computation |
| <input type="checkbox"/> _____ Math 20D, Intro. Diff. Equations | <input type="checkbox"/> _____ CSE 120, Principles Operating Systems |
| <input type="checkbox"/> _____ Math 20F, Linear Algebra | <input type="checkbox"/> _____ CSE 130/131A, Prog. Lang./Compiler Constr. |
| <input type="checkbox"/> _____ Physics 2A, Mechanics | <input type="checkbox"/> _____ CSE 131/131B, Compiler Construction |
| <input type="checkbox"/> _____ Physics 2B, Electricity&Magnetism | <input type="checkbox"/> _____ CSE 140, Componets&Des.Tech. Digital Sys. |
| <input type="checkbox"/> _____ Physics 2C, Fluids,Waves, Therm. & Optics | <input type="checkbox"/> _____ CSE 140L (2 units), Digital Sys. Lab. |
| <input type="checkbox"/> _____ CSE 91 (2 units), Perspectives in CSE | <input type="checkbox"/> _____ CSE 141, Intro. Computer Architecture |
| <input type="checkbox"/> _____ CSE 8B or 11, Intro. Programming Java | <input type="checkbox"/> _____ CSE 141L (2 units), Project Computer Arch. |
| <input type="checkbox"/> _____ CSE 12, Data Structures & OO Prog. | <input type="checkbox"/> _____ CSE Tech. Elective: _____ |
| <input type="checkbox"/> _____ CSE 20/Math 15A, Intro. Discrete Math | <input type="checkbox"/> _____ CSE Tech. Elective: _____ |
| <input type="checkbox"/> _____ CSE 21/Math 15B, Math For Alg. & Systems | <input type="checkbox"/> _____ Tech. Elective: _____ |
| <input type="checkbox"/> _____ CSE 30, Organizations & Systems Prog. | <input type="checkbox"/> _____ Tech. Elective: _____ |

YEAR	FALL	WINTER	SPRING
Freshman	CSE 91 (2 units) CSE 8A & 8AL, or CSE 11 Math 20A General Education	CSE 12* (on back page) Phys 2A Math 20B General Education	CSE 20 or Math 15 A Phys 2B Math 20C General Education
Sophomore	CSE 21 or Math 15B Math 20D Phys 2C General Education	Math 20F General Education General Education	CSE 30 General Education General Education
Junior	CSE 100 or Math 176 CSE 140 CSE 140L (2 units) CSE 105 or Math 166	CSE 101 or Math 188 CSE 141 CSE 141L (2 units) General Education	CSE 120 CSE Technical Elective General Education General Education
Senior	CSE 130/131A CSE Technical Elective General Education	CSE 131/131B Technical Elective General Education	Technical Elective General Education General Education

TIPS FOR SELECTING AND SCHEDULING CLASSES

It is imperative that each student meet with their CSE Academic Advisor in their first quarter to put together a four-year plan. CSE Academic Advisor Offices are in the CSE Building (EBU 3B). The four-year plan listed here is designed for students without advanced placement or transfer credits. AP credit and transfer grades are listed on TritonLink@ucsd.edu under Academic History. CSE's yearly plan of courses is found at <http://www-cse.ucsd.edu/undergrad/courses/currentcourse/currentcourses.html>.

1. Perspectives in CSE: CSE 91 must be taken by all freshmen effective fall 2004. This course is offered in the fall and winter. Transfer student are exempt from this requirement.
2. First Programming Course: CSE 11 is a faster paced version of CSE 8A, CSE 8AL and CSE 8B. CSE 8B or CSE 11 must be taken before CSE 12.* Students may self-select which course they wish to take. Students without experience in programming in a compiled language are advised to take CSE 8A & CSE 8AL, and then CSE 8B, instead of CSE 11.
3. All courses must be taken for a letter grade.
4. You must complete four upper division technical electives. All four of your technical electives may be CSE upper division courses. Two of your four technical electives must be CSE upper division courses. You can also take a CSE graduate course for technical elective credit with approval. Once a CSE graduate course is used for an undergraduate degree that course may not be reused for a graduate degree. In addition, only 4 units of either a CSE 197, 198, or 199 may be used toward technical elective credit.
5. Two of the four technical electives may be chosen from a list of approved electives. This list is at <http://www.cse.ucsd.edu/undergrad/degreeprograms/electives.html>. If you want to deviate from this list of approved electives, you must petition with a CSE Academic Advisor.

CSE Academic Advisors:

**(Students with last name A-L) Viera Kair, EBU3B 1236
858/822-1535, vkair@cs.ucsd.edu**

**(Students with last name M-Z) Patricia Raczka, EBU3B 1238
858/534-3621, raczka@cs.ucsd.edu**