

Degree Requirements and Four-Year Plan
 Bachelor of Science in Computer Science (136 units)
 (Curriculum Effective Fall 1994) For Students Admitted Prior to Fall 2007
 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 (18 courses = 68 units)
 Upper-Division Core Courses (10 courses = 40 units)
 Upper-Division Technical Electives (7 courses = 28 units)

- | | |
|--|---|
| <input type="checkbox"/> _____ Math 20A, Calculus
<input type="checkbox"/> _____ Math 20B, Calculus
<input type="checkbox"/> _____ Math 20C, Calc. & Analy Geometry
<input type="checkbox"/> _____ Math 20D, Intro. Diff. Equations
<input type="checkbox"/> _____ Math 20F, Linear Algebra
<input type="checkbox"/> _____ Math 183 or CSE 103, Prob. & Stats.
<input type="checkbox"/> _____ ECE 53A/53/35, Electrical Digital Circuits
<input type="checkbox"/> _____ ECE 53B/45, Electrical Dig Circuits or CSE Technical Elective
<input type="checkbox"/> _____ Physics 2A, Mechanics
<input type="checkbox"/> _____ Physics 2B, Electricity & Magnetism
<input type="checkbox"/> _____ Physics 2C, Fluids, Waves, Therm, & Optics
<input type="checkbox"/> _____ Physics 2BL or 2CL or DL, Phys. Lab or CSE 15L, Technique & Tools Lab
<input type="checkbox"/> _____ CSE 91 (2 units), Perspectives in CSE
<input type="checkbox"/> _____ CSE 8B/11, Intro. Programming Java
<input type="checkbox"/> _____ CSE 12, Data Structures & OO Prog
<input type="checkbox"/> _____ CSE 20/Math 15A, Intro Discrete Math.
<input type="checkbox"/> _____ CSE 21/Math 15B, Math for Alg. & Systems
<input type="checkbox"/> _____ CSE 30, Organization & Systems Prog.
<input type="checkbox"/> _____ Math Sci Elect.* or CSE 70 Software Engr. | <input type="checkbox"/> _____ CSE 100/Math 176, Adv. Data Structures
<input type="checkbox"/> _____ CSE 101/Math 188, Des&Analy Algorithms
<input type="checkbox"/> _____ CSE 105/Math 166, Theory of Computation
<input type="checkbox"/> _____ CSE 120, Principles Operating Systems
<input type="checkbox"/> _____ CSE 130, Prog. Lang: Principles/Paradigms
<input type="checkbox"/> _____ CSE 131A/131, Compiler Construction I
<input type="checkbox"/> _____ CSE 131B/131, Compiler Construction II
<input type="checkbox"/> _____ CSE 140, Components&Des.Tech Digital Sys
<input type="checkbox"/> _____ CSE 140L (2 units), Digital Sys. Lab
<input type="checkbox"/> _____ CSE 141, Intro. Computer Architecture
<input type="checkbox"/> _____ CSE 141L (2 units), Project Computer Arch
<input type="checkbox"/> _____ CSE Tech. Elective
<input type="checkbox"/> _____ CSE Tech. Elective
<input type="checkbox"/> _____ CSE Tech. Elective
<input type="checkbox"/> _____ CSE Tech. Elective
<input type="checkbox"/> _____ Tech. Elective
<input type="checkbox"/> _____ Tech. Elective |
|--|---|

*Math/Science Elective: Chem 6A or Math 20E or Phys 2D or BILD 1/10/12/14/30

YEAR	FALL	WINTER	SPRING
Freshman	CSE 91 (2 units) CSE 8A & CSE 8AL, or CSE 11 Math 20A General Education	CSE 12* (on back page) CSE15L (2 units) or Phys Lab Math 20B General Education	CSE 20 or Math 15A CSE 70 or Math/Sci. Elect. Math 20C General Education
Sophomore	CSE 21 or Math 15B Math 20D Phys 2A General Education	CSE 30 Math 20F Phys 2B General Education	CSE 100 or Math 177 CSE 140 CSE 140L (2 units) Phys 2C
Junior	CSE 101 or Math 188 CSE 141 CSE 141L (2 units) ECE 53A or 53 or 35 General Education	CSE 120 ECE 53B or 45, or CSE TE CSE Technical Elective General Education	CSE 105 or Math 166 Math 183 or CSE 103 CSE Technical Elective General Education
Senior	CSE 130 CSE Technical Elective CSE Technical Elective General Education	CSE 131 CSE Technical Elective General Education	Major Technical Elective Major Technical Elective 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 students 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 seven upper division technical electives. All seven of your technical electives may be CSE upper division courses. Six of your seven technical electives must be CSE upper division courses. You can also use 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 seven 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