Degree Requirements and Four-Year Plan
Bachelor of Arts in Computer Science (112 units)
(Curriculum Effective Fall 2007) For Students Admitted 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 (15 courses = 60 units)
Upper-Division Core Courses (10 courses = 36 units)
Upper-Division Technical Electives (4 courses = 16 units)

- ☐ _____Math 20A, Calculus
- ☐ _____Math 20B, Calculus
- ☐ _____Math 20C, Calc.& Analy Geometry
- ☐ _____Math 20D, Intro. Diff. Equations
- ☐ _____Math 20F, Linear Algebra
- ☐ _____Physics 2A, Mechanics
- ☐ _____Physics 2B, Electricity&Magnetism
- ☐ _____Physics 2C, Fluids,Waves, Therm. & Optics
- ☐ _____CSE 91 (2 units), Perspectives in CSE
- ☐ _____CSE 8B or 11, Intro. Programming Java
- ☐ _____CSE 12, Data Structures & OO Prog.
- ☐ _____CSE 15L (2 units), Technique & Tools Lab
- ☐ _____CSE 20/Math 15A, Intro. Discrete Math.
- ☐ _____CSE 21/Math 15B, Math. For Alg. & Sytems
- ☐ _____CSE 30, Organization & Systems Prog.
- ☐ _____CSE 70, Software Engineering
- ☐ _____CSE 100/Math 176, Adv. Data Structures
- ☐ _____CSE 101/Math 188, Des&Analy. Algorithms
- ☐ _____CSE 105/Math 166, Theory of Computation
- ☐ _____CSE 120, Principles Operating Systems
- ☐ _____CSE 130, Prog. Lang:Principles/Paradigms
- ☐ _____CSE 131, Compiler Construction
- ☐ _____CSE 140, Componets&Des.Tech. Digital Sys.
- ☐ _____CSE 140L (2 units), Digital Sys. Lab.
- ☐ _____CSE 141, Intro. Computer Architecture
- ☐ _____CSE 141L (2 units), Project Computer Arch.
- ☐ _____CSE Tech. Elective:_____
- ☐ _____CSE Tech. Elective:_____
- ☐ _____Tech. Elective: _____
- ☐ _____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) CSE 15L (2 units) Math 20B General Education	CSE 20 CSE 70 Math 20C General Education
Sophomore	CSE 21 Math 20D Phys 2A General Education	CSE 30 Math 20F Phys 2B General Education	CSE 100 CSE 101 Phys 2C General Education
Junior	CSE 120 CSE 140 CSE 140L (2 units) General Education	CSE 105 CSE 141 CSE 141L (2 units) General Education	CSE Technical Elective CSE Technical Elective General Education General Education
Senior	CSE 130 CSE Technical Elective General Education	CSE 131 CSE Technical Elective General Education	General Education General Education General Education

Comments_____

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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/currentcourese/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