ASU Arizona State University **Computer Science & Engineering Department**

2001-2002 Curriculum Check Sheet ***College of Liberal Arts & Sciences***

Name _____ Major Computer Science – Liberal Arts Degree BS

ASU ID _____

Anticipated Grad. Date _____ ASU Admit Date_____

I. University General Studies

♦ *See CLAS Curriculum Guide for explanation of requirem*

A. First Year Composition (6 hrs)

(University requires "C" minimum)	Hrs Credit ASU	Hrs Credit Tr	Txfr from	Gr
*ENG 101 First Year Composition (3) and	3			
*ENG 102 First-Year Composition (3) or, if eligible,	3			
ENG 105 Adv First-Year Comp (3)				

B. Humanities & Social Sciences (15 hrs)

(Required: Six hours in one area, nine in the other and 3 hours must be upper-division. Three awareness areas must be completed: Global, Cultural, and Historical)

***Humanities/Fine Arts** (6 to 9hrs) (HU)*

***Social/Behavioral Sciences** (6 to 9 hrs) (SB)*

Awareness Areas

Global _____

Cultural _____

Historical _____

C. Literacy/Critical Inquiry (6 hrs)

L				
CSE Dept. L or ECE 400				

II. College Graduation Requirements

[You can NOT cross-list (double count) courses from the College Graduation Humanities, Social and Behavioral Sciences and Natural Sciences and Mathematics areas with the University General Studies HU, SB, SG or SQ areas]

A. Second Language (4th semester requires C min.)

B. Humanities: 6 hrs must be upper division (6 to 9 hrs♦)

UD:				
UD:				

C. Social Behavioral Sciences: 6 hrs must be upper division (6 to 9 hrs♦)

UD:				
UD:				

Subtotal (15 hrs min) _____

Submitted by _____ _____
Student Signature *Date*

Approved _____ _____
Advisor *Date*

Approved _____ _____
Dean *Date*

A. Natural Sciences (12hrs)

**SQ*: PHY 121Physics I	3				
**SQ*: PHY 122 Physics Lab I	1				
**SG*: PHY 131 Physics II	3				
**SG*: PHY 132 Physics Lab II	1				
Approved Science Elective**	4				

B. Mathematical Studies (MA) (21 hrs)

**MA*: MAT 270 Calc I	4				
*MAT 271 Calc II	4				
*MAT 272 Calc III	4				
*MAT 243 Discrete Math	3				
MAT 342 Linear Algebra	3				
ECE 380 Prob/Stat for Engrg Prb Slvg	3				

IV. Major Requirements

(+ "C" minimum grade required in these courses)

Computer Science Core (34 hrs)

**CS*: +CSE 200 Concepts of CS	3				
*+CSE 120 Dig. Design Fund	3				
*+CSE 210 Data Struct & Alg I	3				
*+CSE 240 Intro Prog Lang	3				
*+CSE 225/6 Assem Lang Prog/Micro	4				
+CSE 310 Data Structures and Alg II	3				
+CSE 330 Comp Org & Arch	3				
+CSE 340 Princ Prog Lang	3				
+CSE 355 Theoret CS	3				
+CSE 360 Intro Sftwre Engr	3				
+CSE 430 Operating Systems	3				

CSE 400-Level Electives (15 hrs)

+	3				
+	3				
+	3				
+	3				
+	3				

*Technical Electives** (3hrs)*

***See approved list in Computer Science & Engineering Advising Center, GWC 302.*

	3				

Total Upper Division _____
(min 45 required)

Graduation Requirements *(127 hours needed)*
**Designates CSE-Pre-Professional Program beginning w/ Spring 2002 admits.*