STANFORD UNIVERSITY
SCHOOL OF ENGINEERING

2002-03
Computer Systems Engineering

Name: _____ Local Phone: _____

Local Address: _____ E-mail: _____

_____ Date B.S. expected: _____

ID #: _____

Dept	No	Title	Total Units	Grade	√ if Trans-fer	Transfer Credit: Course #/School	Approval: Date	Approval: Initial
Mathematics (23 units minimum required)								
MATH	41	Calculus	5					
MATH	42	Calculus	5					
MATH	51	Calculus	5					
MATH	52 *or* 53	Calculus	5					
MATH		Linear Algebra (103 or 113) see note 1	3					
		Mathematics Total		*(23 units minimum)*				
Science (12 units minimum required)								
PHYSICS	51	Light and Heat	4					
PHYSICS	53	Mechanics	4					
PHYSICS	55	Electricity and Magnetism	4					
		Science Total		*(12 units minimum)*				
Engineering Fundamentals (13 units minimum required)								
CS	106	Programming Abstract (A and B, or X)	5					
ENGR	40	Introductory Electronics	5					
		Elective (see note 2)						
		Fundamentals Total		*(13 units minimum)*				
Technology in Society (1 course required, 3-5 units, see list in front of Handbook))								
Totals This Page (51-53)								

NOTES:

1 Completion of MATH 52 AND 53 will satisfy the MATH 103/113 requirement.

2 One course required, 3 to 5 units. See list of "Courses Approved for the Engineering Fundamentals Requirement" in front of Handbook.

3 Students who take CS103A/B must complete two electives; students who opt for CS103X must complete three. The list of approved electives is reviewed annually by the CS Undergraduate Program Committee. The current list consists of CS110, CS121 or 221, CS137, CS140, CS143, CS145, CS147, CS148 or 248, CS154, CS155, CS157, CS161, CS205, CS206, CS222, CS223A, CS223B, CS224M, CS224N, CS225A, CS225B, CS226, CS227, CS228, CS229, CS240, CS241, CS242, CS243, CS244A, CS245, CS246, CS247A, CS247B, CS249, CS255, CS256, CS257, CS258, CS261, CS270, CS271, CS274, EE212, EE216, EE247, EE264, EE278, EE282.

Computer Systems Engineering

Dept	No	Title	Total Units	Grade	√ if Trans-fer?	Transfer Credit		
						Course #/School	Approval	
							Date	Initial
Computer Systems Engineering Depth (53 units minimum required)								
CS	103	Discrete Structures (X, or A and B)	4 or 6					
CS	107	Programming Paradigms	5					
CS	108	Object-Oriented Systems Design	4					
CS		Compilers (143) or OpSys (140)	4					
EE	101	Introduction to Circuits	3					
EE	111	Electronics I	4					
EE	112	Electronics II	4					
EE	121	Digital Design Laboratory	4					
EE	182	Computer Organization	4					
EE	183	Advanced Logic Laboratory	3					
EE	271	Intro to VLSI Systems	3					
				(44 units minimum)				
Restricted Electives (see note 3 on previous page)								
				(6 units minimum)				
Project (1 course)								
CS		At least 3 units of 191, 191W or 194						
				(3 units minimum)				

Totals from this page	
Totals from previous page (49-51)	
Program totals (104-106)	

Departmental Approval

Printed Name: _____ Date: _____

Signature: _____

School of Engineering Approval

Printed Name: _____ Date: _____

Signature: _____

GENERAL NOTES

- CS191, 194, or 201 will fulfill the "Writing in the Major" requirement for Freshmen and transfer students entering Fall 1996 or later.
- This form is available as an Excel file at ughb.stanford.edu. The printed form must be signed by the departmental representative. Changes must be initialed in ink.
- Transfer credits in Math, Science, Fundamentals, and TIS must be approved by the Senior Associate Dean for Student Affairs in Terman 201. Transfer credits in Computer Science Depth must be approved by the departmental representative.
- Courses may be listed under only one category.
- All courses listed on this form must be taken for a letter grade if offered by the instructor.
- Minimum Grade Point Average (GPA) for all courses in Engineering Fundamentals and Computer Science Depth (combined) is 2.0.

REV: 8/02