DEPARTMENT OF COMPUTER SCIENCE MSCS Program Sheet (2001-2002)

Theoretical Computer Science Specialization

Name:			Adviser:		Date: _	
Student ID#:	Email:		Proposed date fordegree conferral:	_HCP?	_Coterm	1?
MSCS Program Sheet iComplete this prograAttach a course scheeMeet with your advis	first quarter, you should in your orientation packer am sheet by filling in the dule showing the year ar ser and secure the necess	t): number, name and un nd quarter in which you ary signatures on the p	ing steps (detailed instructions its of each course you intend to unitend to take each course in program sheet.	use for your d your program	legree. sheet.	ide to the
Do not enter anything i	quirements listed in each in the "Units" column fo	r courses taken elsewh	s; all courses taken elsewhere n here. e approval column for courses			
	and theoretical founda					
Required:	" Man Cai & Eng 220)	Equivalent elsewhere	(course number/title/institution)	Approval	Grade	Units
· ·	r Man Sci & Eng 220)					
Automata and Comp	• '					
Algorithmic Analysis	s (CS161)					
Choose one of:	GG127 - GG227 A \					
Numerical analysis (· ·					
Logic (CS157, CS25	7, CS258, or Phil 160A)					
Area B: Computer sys Required:	stems are (EE182 or EE282)	Equivalent elsewhere	(course number/title/institution)	Approval	Grade	Units
	ire (EE162 of EE262)					
Choose two of: Operating Systems (C	C(140)					
Compilers (CS143)	23140)					
* ` ` ·	(CC2444 - EE204)					
Computer Networks	(CS244A or EE284)					
Area C: Al and applica Choose two, including AI (CS121 or CS221	one at 200 level	Equivalent elsewhere	(course number/title/institution)	Approval	Grade	Units
Databases (CS145 or	· CS245)					
Graphics (CS148 or C	CS248)					
	TOTAL LINIT	S USED TO SATISEY	BREADTH REQUIREMENT (ARFASA B /	AND C)	
	TOTAL ONL	O OOLD TO OATION	BREADITI REGOINEMENT (AILEAO A, B, F	D O)	
SEMINARS You must take at least MS degree:	one 500-level seminar.	No more than three up	nits of seminars or 1-2 unit cou	irses may be co	ounted to	wards the
Course number	Title				Grade	Units
			TOTAL SEMINAR UNITS	S APPLIED TO	MSCS	

DEPTH UNITS FOR THE THEORETICAL COMPUTER SCIENCE SPECIALIZATION

The courses you submit for your specialization must meet the following requirements: (a) Each of the following courses: Adviser Notes ___ CS261 (CS361A, CS361B or CS365 CS256 CS258 may be used as substitutes for CS261) (b) At least twelve more units selected from the following. Courses with * notation require permission of Prof. John Mitchell: CS228 CS359* CS367B CS255 CS361A CS368 CS355 CS356 CS361B CS369* CS345 CS357 CS365 Man Sci 310 CS351 CS367A CS358 Any deviations from the stated requirements must be noted and approved by your adviser in the box provided. All specialization courses must be taken for a letter grade. Course number Title **Grade Units** TOTAL SPECIALIZATION UNITS APPLIED TO MSCS **ELECTIVES** List here any additional courses used to complete the 45-unit requirement for the MSCS degree. Course number **Grade Units TOTAL ELECTIVE UNITS APPLIED TO MSCS TOTAL UNITS APPLIED TO MSCS ADDITIONAL REQUIREMENTS** • All courses submitted for the MSCS degree must be numbered 100 or greater. • At most 21 units of introductory courses (CS100-109) or breadth requirements courses may be counted toward your 45 units. • At least 36 units submitted for the MSCS degree, including all courses taken for your specialization, must be taken for a letter grade. • The average grade in the courses submitted for the MSCS must be at least a B (3.0 in Stanford's GPA scale). • Units previously applied toward BS requirements may not also be counted toward the MSCS. You must complete at least 45 graduate units at Stanford before receiving the MSCS degree. Adviser's signature: Date:

Department approval (Claire Stager): Date:

FOR DEPARTMENT USE:	UNITS	CR/NC	GPA	