

Name _____
 ID _____

COMPUTER SCIENCE
 DEGREE PROGRESS AUDIT
 2004-2005

COMPUTER SCIENCE (CSCI) – 57 hours					CSCI ELECTIVES			
CSCI FOUNDATION* (All Required)					Continued			
Hours	Grade	Sem	TR	Hours	Grade	Sem	TR	
CSCI 1300 Computer Science 1: Programming	4			CSCI 4555 Intro to Compiler Construction	3			
CSCI 2270 Computer Science 2: Data Structures	4			CSCI 4576 High-Perform. Computing 1	4			
CSCI 3104 Algorithms	4			CSCI 4586 High-Perform. Computing 2	4			
CSCI 3155 Prin of Programming Languages	4			CSCI 4593 Computer Organization	3			
ECEN 2120 Computers as Components	5			CSCI 4753 Computer Performance Mod.	3			
CSCI CORE* (Choose Five)					CSCI 4830 Special Topics in Comp Sci			
CSCI 3287 Database and Information Systems	3			CSCI 4838 User Interface Design	3			
CSCI 3308 Software Engr Methods & Tools	3			ECEN 3100 Digital Logic	5			
CSCI 3434 Theory of Computation	3			Approved CSCI (3000-4000) or (5000-5999) # _____				
CSCI 3656 Numerical. Computation	3			MATHEMATICS - 17-18 hours				
CSCI 3753 Operating Systems	4			Hours	Grade	Sem	TR	
CSCI 4448 Object-Oriented Analysis and Design	3			APPM 1350 Calculus for Engineers 1	4			
CSCI 4838 User Interface Design	3			APPM 1360 Calculus for Engineers 2	4			
ECEN 3100 Digital Logic	5			Approved Advanced Math Course	3-4			
SR Projects Capstone (select one option)					# _____			
CSCI 4308 Software Engr. Project 1 - SR Yr Fall	4			Linear Algebra (Pick One)				
CSCI 4308 Software Engr. Project 2 - SR Yr Spring	4			Hours	Grade	Sem	TR	
or approved SR Thesis CSCI 4950 Fall	4			APPM 3310 Matrix Methods & Applications	3			
or approved SR Thesis CSCI 4950 Spring	4			MATH 3130 Intro to Linear Algebra	3			
*C- or better required for CORE/FOUNDATION					CSCI 2830 Lin Algebra w/ CS Applications			
Computer Science Electives (to make 57 credits)					Probability or Statistics (pick one)			
CSCI 3202 Introduction to Artificial Intelligence	3			Hours	Grade	Sem	TR	
CSCI 3287 Database and Information Systems	3			APPM 3570 Applied Probability	3			
CSCI 3308 Software Engr Methods & Tools	3			APPM 4520 Intro to Mathematical Stats	3			
CSCI 3434 Theory of Computation	3			APPM 4570 Statistical Methods	3			
CSCI 3656 Numerical. Computation*	3			MATH 3510 Intro to Probability and Statistics	3			
CSCI 3702 Cognitive Science	3			MATH 4510 Intro to Probability Theory	3			
CSCI 3753 Operating Systems	4			MATH 4520 Intro to Mathematical Stats	3			
CSCI 4113 UNIX System Administration	3			ECEN 3810 Intro to Probability Theory	3			
CSCI 4202 Artificial Intelligence	3			MCEN 4120 Engineering Statistics	3			
CSCI 4229 Computer Graphics	3			CVEN 3227 Probability, Stats & Decision	3			
CSCI 4273 Network Systems	3			Thesis Option Form Check-Off				
CSCI 4446 Chaotic Dynamics	3			sem 1	sem 2			
CSCI 4448 Object-Oriented Analysis and Design	3			SR Thesis: Course Enrollment Form				
				SR Thesis: 1st Sem Midterm Proposal Report				
				SR Thesis: Last Day Finals in 1st Semester				
				SR Thesis: Last Day Finals last Sem				

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NATURAL SCIENCES - 17 hours					HUMANITIES and SOCIAL SCIENCES* – 18 hours - Continued												
Required Sequence – (9 hours)					Hours	Grade	Sem	TR	Course Number and Title	Hours	Grade	Sem	TR				
PHYS 1110 General Physics 1	4																
PHYS 1120 General Physics 2	4																
PHYS 1140 Experimental Physics 1	1																
Sequence Total																	
Nat Science Electives (to bring total to 17 hrs)									FREE ELECTIVES = to meet the 128 total credit hours required								
Course Number and Title					Hours	Grade	Sem	TR	Course Number and Title					Hours	Grade	Sem	TR
HUMANITIES and SOCIAL SCIENCES* – 24 hours (6 must be UD) required									MAPS REQUIREMENTS					GPA ≥ 2.0			
Course Number and Title					Hours	Grade	Sem	TR									
(Must take at least one of the below courses)																	
WRTG 3030 Writing on Science & Society	3							Subject:					CSEN				
WRG 3053 Tech Comm and Design	3							English					CUM				
HUEN 3100 Humanities for ENGR I	3							Math					Total Hours				
HUEN 3200 Humanities for ENGR II	3							Nat. Science					128 hr				
								Social Science					Residency				
								Foreign Language					≥45 hr				
								Additional Degrees Earned									
								Double Degree:									
								Concurrent Degree (CSE2):									
								Minor (CSMR):									

http://engineering.colorado.edu/homer/full_course_list.htm

Grades:

Cumulative GPA of 2.0 or better in all CSCI and CSCI/ECEN courses taken at CU

Cumulative GPA of 2.0 or better in all courses attempted at CU

Cumulative GPA of 2.0 or better in all CU courses used to satisfy graduation

A C- or better is required in each Computer Science Foundation course, as well as in each core course.

A grade of C- or better is needed in all prerequisite courses to take a subsequent course.

Minimum passing grade for a course that is considered a prerequisite for another required course is C-

A D- or better is good enough to fulfill a degree requirement aside from the above restrictions.