

Name _____
 ID _____

COMPUTER SCIENCE
DEGREE PROGRESS AUDIT
 2005-2006

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

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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)					Hours	Grade	Sem	TR	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	Subject:					CSEN			
(Must take at least one of the below courses)					English					CUM			
WRTG 3030 Writing on Science & Society	3				Math					Total Hours			
WRG 3053 Tech Comm and Design	3				Nat. Science					128 hr			
HUEN 3100 Humanities for ENGR I	3				Social Science					Residency			
HUEN 3200 Humanities for ENGR II	3				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.