

CS CHECKLIST (ENGINEERING-class of 2009 and later)

Degree Date (expected)

Name: _____
 E-mail: _____
 Advisor: _____

Gender: male female
 Cornell ID: _____

Term	GPA	Term	GPA	Term	GPA

DRAFT

CUMULATIVE GPA:

COLLEGE REQUIREMENTS				
Course	Cr	Sem	Gr	Advising Notes
FWS				Freshman Writing Seminars
FWS				
Lib Stds				Liberal Studies: 6 courses; min. 18 cr 2 crs must be 200-level or higher. Courses must be chosen from at least three of the six groups. Cultural Analysis (CA), Historical Analysis (HA), Literature & the Arts (LA), Knowledge, Cognition, & Moral Reasoning (KCM), Social & Behavioral Analysis (SBA), Foreign Language
Lib Stds				
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MATH 1910	4			Calculus Requirement Math 1110-1120/1220-2210 is also acceptable
MATH 1920	4			
MATH 2940	4			
PHYS 1112	4			
PHYS 2213	4			
PHYS 2214 or CHEM 2080	4			
CHEM 2090	4			
CS 1113 or 1110 or 1112 or 1114	4			Introductory Programming
CS 1130 or 1132**	1			
CS 2110	3			Distribution Requirements D2=EngrD D3= EngrI (Intro to Engr)
D2				
D3				

CS CORE				
Course	Cr	Sem	Gr	Advising Notes
CS 2111	1			Java Practicum. Pre/co: CS 2110
CS 2800	3			Discrete Structures. Pre: CS 1113 or 1110 or 1112 or 1114
CS 3110	4			Data Structures and Functional Programming Pre: CS 2110 and 2111
CS 3410 or 3420	4			Digital Systems. Pre: CS 2110
CS 3220, 4210, or 4220				Scientific Computing. Pre: Math 2210 or Math 2940, and CS 1113 or 1110 or 1112 or
CS 4410	3			Operating Systems.Pre:CS 3420 or 3410.Coreq:CS 4411 (spring only)
CS 3810	3			Theory of Computing. Pre: CS 2800
CS 4820	4			Theory of Algorithms. Pre: CS 2800 and 3110

ELECTIVES				
Course	Cr	Sem	Gr	Advising Notes
CS				CS Electives: Two 4000+ (3+ crs) courses; CS 4900 (490) NOT allowed
CS				
CS Proj				CS Project: 4121, 4411, 4450, 4321, 4621, 4701, 5150, 5410, 5420, 6670
MATH				Math: 3000+(3+ crs)[ENGRD 2700 & MATH 2930 accepted] NO CS
Tech				Technical courses: 3000+ (3+ crs) from application areas: CS; Bio; Chem; Math; Econ; Psych; etc.
Tech				
Spcl				Specialization: Three 3000+ courses (3+ crs) from same subject area. CS courses, LING 4474, INFO 4302, INFO 3300, INFO 4300, & INFO 5300 are not eligible.
Spcl				
Spcl				
APRV				SPCL: _____ Approved Electives: At least 6 credits total; anything approved by advisor
APRV				

Extra Courses				
Course	Cr	Sem	Gr	Advising Notes

TECHNICAL WRITING COURSE:

No double counting: No course may be used twice in College Requirements, CS Core, or Electives (e.g. ENGRD 2700 may **not** be used toward the EngrD distribution *and* as a math-related elective.)

Notes: PE = _____

"X" to left of course signifies course is on transcript & satisfies requirement

*Note: Students can receive credit for Chem 207 or Chem 211 if taken before Fall 2007. Students must enroll in Chem 2090 after Summer 2007.

**Note: Students entering in Fall 2007 and beyond are required to take CS 1130 or CS 1132.

SUBJECT TO CHANGE