

# CS CHECKLIST (ARTS-class of 2009 and later)

Degree Date (expected)

Name: \_\_\_\_\_ Gender: male female  
 E-mail: \_\_\_\_\_ Cornell ID: \_\_\_\_\_  
 Advisor: \_\_\_\_\_

Term	GPA	Term	GPA	Term	GPA

**DRAFT**

CUMULATIVE GPA: \_\_\_\_\_

COLLEGE REQUIREMENTS				
Course	Cr	Sem	Gr	Advising Notes
FWS				Freshman Writing Seminars
FWS				
				5 courses (3+ credits) one from each of 4 different categories:  Cultural Analysis (CA), Historical Analysis (HA), Knowledge, Cognition, & Moral Reasoning (KCM), Literature and the Arts (LA), Social & Behavioral Analysis (SBA) (see Courses of Study)
Lang				Foreign Language requirement  (see Courses of Study)
Lang				
Lang				

Geographical Breadth (@) \_\_\_\_\_ Historical Breadth (#) \_\_\_\_\_

MATHEMATICS AND SCIENCE REQUIREMENTS				
Course	Cr	Sem	Gr	Advising Notes
PBS				PBS= Physical/Biological Sciences (see Courses of Study)
PBS				
MATH 1110	4			Calculus Requirement  Math 1910 -1920 -2940 is also acceptable
MATH 1120/1220	4			
MATH 2210	4			
CS 1110 or 1112 or 1113 or 1114	4			Introductory Programming
CS 2110	3			

**Double Counting:** No course may be used to satisfy two or more requirements except those used for the breadth requirements, or (in some cases) courses in the Specialization may be counted as Arts College distributions.

Notes: PE = \_\_\_\_\_  
 "X" to left of course signifies course is on transcript & satisfies requirement

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 1114
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 4999 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				
Spcl				
Free				15 credits (Arts Electives) NO CS courses eligible
Free				
Free				
Free				
Free				

Extra Courses				
Course	Cr	Sem	Gr	Advising Notes

**SUBJECT TO CHANGE**