

Computer Science
Graduation Requirements Checklist – Spring 2006

Computer Science Courses			
Course	Gr.	Sem.	Comments
CSE 113			Foundations of Computer Science I
CSE 114			Computer Science I [prerequisite: CSE 110]
CSE 213			Foundations of Computer Science II
CSE 214			Computer Science II
CSE 219			Computer Science III
CSE 220			Computer Organization
CSE 300			Writing in Computer Science
CSE 302			Professional Ethics for Computer Science
CSE ____			Theory: CSE 303 or CSE 373
CSE 308			Software Engineering
CSE ____			Three courses chosen from:
CSE ____			CSE 305; 306; 304 or 307; 328 or 333
CSE ____			
CSE ____			One of CSE 310, 320, 346, ESE 345
CSE ____			Three upper-division CSE or ISE courses,
CSE ____			excluding CSE 301, 475, 488, 495, and 496
CSE ____			and ISE 475 and 488

Mathematics Courses			
Course	Gr.	Sem.	Comments
AMS 151			Alternate calculus sequences:
AMS 161			MAT 125/126/127; MAT 131/132; MAT 141/142
AMS 210			or MAT 211 or AMS 326
AMS 301			Finite Mathematical Structures
AMS 310			or AMS 311 or 312

Natural Science Sequence (two or three courses)			
Course	Gr.	Sem.	One of the following sequences
			Two courses from BIO 201, 202, 203; <i>or</i>
			CHE 131, 132, 133 <i>or</i> 141, 142, 143; <i>or</i>
			PHY 131/133, 132/134 <i>or</i> 141, 142 <i>or</i> 125, 126, 127

Additional Natural Science Course(s)			
Course	Gr.	Sem.	Comments
			Four additional credits from the above natural science courses (biology, chemistry, or physics) [‡]

Notes. A detailed description of the computer science major requirements reflected in this checklist can be found in the Stony Brook Undergraduate Bulletin. For information about general (e.g., D.E.C.) requirements, consult the CEAS Undergraduate Office.

D.E.C. D. Computer Science majors should also note that successful completion of one D.E.C. category D course has been added to the graduation requirements effective for newly matriculated students in Spring 2006 or later.

[‡] Advanced courses may be substituted with the prior approval of the department.