Computer Science
Graduation Requirements Checklist* – Fall 2007

Computer Science Courses			
Course	**Gr.**	**Sem.**	**Comments**
CSE 114			Computer Science I [prerequisite: CSE 110]
CSE 214			Computer Science II
CSE 215			Foundations of Computer Science
CSE 219			Computer Science III
CSE 220			Computer Organization
CSE 300			Writing in Computer Science
CSE 302			Professional Ethics for Computer Science
CSE 303			Introduction to the Theory of Computation
CSE 373			Analysis of Algorithms
CSE 308			Software Engineering
CSE ___			Three courses chosen from: CSE 305; 306; 304 or 307; 328 or 333
CSE ___			
CSE ___			
CSE ___			One of CSE 310, 320, 346, ESE 345
CSE ___			Three upper-division CSE or ISE courses, excluding CSE 301, 475, 488, 495, and 496 and ISE 475 and 488
CSE ___			
CSE ___			

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

Natural Science Sequence (BIO, CHE, or PHY)			
Course	**Gr.**	**Sem.**	**One of the following sequences**
			BIO 201, 202, 204 *or* 201, 203, 204 *or* 202, 203, 204; *or* CHE 131, 132, 133 *or* 141, 142, 143; *or* PHY 131/133, 132/134 *or* 141, 142 *or* 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)‡

* All courses on this list must be completed with a grade of C or higher. A detailed description of graduation requirements can be found in the Stony Brook Undergraduate Bulletin. For information about general university requirements you may also consult the CEAS Undergraduate Office.

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