

**Computer Science
Graduation Requirements Checklist* – Fall 2015**

Computer Science Courses			
Course	Gr.	Sem.	Comments
CSE 114			Alternate sequence for CS honors students: CSE 160 and 260
CSE 214			
CSE 219			
CSE 215			or, for CS honors students, CSE 150
CSE 220			Systems Fundamentals I
CSE 300			Technical Communications
CSE 312			Legal, Social, and Ethical Issues in Information Systems
CSE 303			or, for CS honors students, CSE 350
CSE 308			Software Engineering
CSE 320			Systems Fundamentals II
CSE 373			Analysis of Algorithms
CSE ___			Three courses chosen from: CSE 304, 305, 306, 307, 310/346, 328 The three courses must include CSE 305 and/or 306
CSE ___			
CSE ___			
CSE ___			Three upper-division CSE courses, excluding non-technical courses, such as CSE 301 or CSE 475
CSE ___			
CSE ___			
Mathematics Courses			
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 Courses			
			BIO 201/202/204 <i>or</i> 201/203/204 <i>or</i> 202/203/204 <i>or</i> CHE 131/132/133 <i>or</i> <i>or</i> PHY 131/132/133/134 <i>or</i> 125/126/127/133/134
			Four additional natural science credits [‡]

* Computer science and mathematics courses must be completed with a grade of C or higher; the natural science courses, with an *average* of 2.0 or higher.

[‡] Approved courses include AST, BIO, CHE, GEO, and PHY courses that are part of their respective major. Students who complete the chemistry sequence need to take only *three* additional credits.

Admission to the CSE major

Currently enrolled students and transfer students may apply for acceptance to the major after completing CSE 114 and CSE 215 with grades of B- or higher and a grade point average of 3.00 or higher in these two courses. Transfer students who have completed equivalent courses at another school with grades of B or higher, need not retake CSE 114 and/or CSE 215, but may substitute the grade received in CSE 214 for CSE 114. (Students who also completed a course equivalent to CSE 214 may substitute the grade received in CSE 219.) Priority is given to students with a cumulative grade point average of 3.00 or higher.