

**Computer Science  
Graduation Requirements Checklist – Fall 1999**

<b>Computer Science Courses</b>			
<b>Course</b>	<b>Gr.</b>	<b>Sem.</b>	<b>Comments</b>
CSE 113			Foundations of Computer Science I
CSE 114			Computer Science I
CSE 213			Foundations of Computer Science II
CSE 214			Computer Science II
CSE 220			Computer Organization & Systems Prog.
CSE 300			Writing and Oral Skills
CSE 303			Theory of Computation
CSE 308			Software Engineering I
CSE 309			Software Engineering II
ESE 318			Digital Systems Design
CSE 373			Analysis of Algorithms
CSE ____			Three courses chosen from: CSE 304; 305; 306; 307; 328; and CSE 345 or ESE 380, but not both
CSE ____			
CSE ____			
CSE ____			Two upper-division CSE/ISE electives, excluding CSE/ISE 475 and ISE 440 and 441
CSE ____			

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

<b>Natural Science Sequence (two or three courses)</b>			
<b>Course</b>	<b>Gr.</b>	<b>Sem.</b>	<b>Approved Sequences</b>
			Two from BIO 201, 202, 203; CHE 131/132; GEO 102/112/309 or 122/309; PHY 131/132; PHY 125/126/127; PHY 125 & AST 203

<b>Quantitative Studies (six credits required)</b>			
<b>Course</b>	<b>Gr.</b>	<b>Sem.</b>	<b>Approved Courses</b>
			ECO 109, BUS 114, 214, POL 201, PSY 201, SOC 201, 202, as well as additional natural science courses from the above list

**Notes.** A detailed description of the requirements for the major in Computer Science can be found in the Undergraduate Bulletin. Students who entered before September 1995 may elect the previous requirements; see the Computer Science Undergraduate Secretary for details. For information about general (e.g., D.E.C.) requirements you should consult the CEAS Undergraduate Office.