

COMPUTER SCIENCE

(Requirements effective with the Class of 2009 and after)

Minimum courses required: 12

To major in computer science, the department strongly recommends that students achieve at least a **C+ average** in the first two computer science courses.

For those students who place out of the introductory course(s), the additional course(s) needed to meet the minimum requirement will be determined in consultation with the department.

The first two math courses should be completed by the second year.

Course requirement	Semester Taken
1. COMP 111: Foundations of Computing Theory	_____
2. COMP 115: Robots, Games and Problem Solving	_____
3. COMP 116: Data Structures	_____
4. COMP 215: Algorithms	_____
5. COMP 220: Computer Organization	_____
TWO courses from:	
COMP 335: Programming Languages	
COMP 345: Operating Systems	
COMP 375: Theory of Computation	
6. _____	_____
7. _____	_____
8. MATH 211: Discrete Mathematics	_____
ONE course from:	
MATH 101: Calculus I or MATH 102: Calculus with Economic Applications	
MATH 202: Cryptography	
MATH 216: Computational Molecular Biology	
MATH 221: Linear Algebra	
9. _____	_____
TWO additional computer science courses (or mathematics courses with permission) at or above the 200-level:	
10. _____	_____
11. _____	_____
12. COMP 401: Senior Seminar	_____