

# Carleton College Computer Science 2011–2012

## Interested in Computer Science at Carleton?

Recommended fall courses for first-year students are CS 108 or CS 111; 201 (if you have AP credit for 111); and 208 (if you have AP credit for 201).

### ENTRY POINTS

CS 108 (F)  
Life in the Age of Networks

CS 111 (F, W, S)  
Intro to CS

AP Computer Science  
A Exam (3, 4, or 5)

AP Computer Science  
AB Exam (3, 4, or 5)

### CORE

111 or equivalent completed ✓

Learn Python  
<http://cs.carleton.edu>

Learn Java+Python  
<http://cs.carleton.edu>

CS 201 (F, W, S)  
Data Structures

CS 202 (W)  
Math of CS (Calc I req'd)

CS 208 (F)  
Organization & Arch.

201 or equivalent completed ✓

CS 204 (S)  
Software Design

### ADVANCED CORE

CS 251 (F)  
Programming Langs.

CS 252 (W)  
Algorithms

CS 254 (S)  
Comp. & Complexity

### ELECTIVES

Two electives are required;  
most are offered every other year.  
The electives offered in  
2011–2012 are shown here.

CS 331 (F)  
Computer Networks

CS 334 (W)  
Database Systems

CS 321 (S)  
Artificial Intelligence

CS 332 (S)  
Operating Systems

### COMPS

CS 399 (F)  
Senior Seminar

CS 400 (W)  
Comps

All yellow-shaded courses, Math 111, and two  
200+-level electives are required for the major.