

Carleton College Computer Science 2012–2013

ENTRY POINTS

CS 108 (—)
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)

111 or equivalent completed ✓

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

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

CORE

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 not offered in
2012–2013 are grayed out.

CS 322 (F)
Natural Language Proc.

CS 348 (W)
Parallel/Distr. Comp.

CS 324 (S)
Data Mining

CS 361 (S)
Evolutionary Comp.

OR
CS 231 (W)
Computer/Network Sec.

CS 311 (—)
Graphics (LinAl req'd)

CS 341 (—)
Cryptography

CS 321 (—)
Artificial Intelligence

CS 331 (—)
Computer Networks

CS 332 (—)
Operating Systems

CS 334 (—)
Database Systems

CS 352 (—)
Advanced Algs.

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.