Econ 365b. Algorithms

**Time:** 12:43pm  
**Day / time:** T/Th 2:30 - 3:45 pm  
**Course Type:** Undergraduate  
**Course term:** Spring  
**Visiting Instructor(s):** James Glenn

Paradigms for algorithmic problem solving: greedy algorithms, divide and conquer, dynamic programming, and network flow. NP completeness and approximation algorithms for NP-complete problems. Algorithms for problems from economics, scheduling, network design and navigation, geometry, biology, and optimization. Provides algorithmic background essential to further study of computer science. Either CPSC 365 or CPSC 366 may be taken for credit.

Prerequisites: CPSC 202 and 223.

[also CPSC365]

**Semester offered:** Spring  
**Undergrad Course Category:** Macroeconomics

Methodology  
**Course Description:** Course Description

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