## Classes

## Princeton

- Computer Science
  - Foundations
    - COS 126: General Computer Science
    - COS 226: Algorithms and Data Structures
    - COS 217: Introduction to Programming Systems
  - Systems
    - COS 318: Operating Systems
    - COS 461: Computer Networks
    - COS 333: Advanced Programming Techniques
    - COS 418: Distributed Systems
    - COS 375: Computer Architecture
  - Applications
    - COS 432: Information Security
    - COS 402: Artificial Intelligence
    - COS 326: Functional Programming
  - Theory
    - COS 340: Reasoning about Computation
    - COS 445: Economics and Computation
  - Independent Work
    - COS 398: Sophomore Independent Work (Edward Felten)
    - COS 398: Junior Independent Work (Arvind Narayanan)
    - COS 497: Senior Thesis (Brian Kernighan)
    - COS 498: Senior Thesis (Brian Kernighan)
- Mathematics
  - MAT 203: Advanced Vector Calculus
  - MAT 204: Advanced Linear Algebra
- Operations Research
  - ORF 245: Fundamentals of Statistics
- Physics
  - PHY 105: Advanced Physics (Mechanics)
  - PHY 104: General Physics II (Electromagnetism)
  - PHY 207: Mechanics and Waves
  - PHY 208: Principles of Quantum Mechanics
- Electrical Engineering
  - ELE 396: Introduction to Quantum Computing
- Economics
  - ECO 101: Introduction to Macroeconomics

- WWS 330: Microeconomics for Public Policy
- WWS 302: International Development
- WWS 301: International Trade
- Business
  - EGR 391: High-Tech Entrepreneurship
- Psychology
  - PSY 208: The Brain: A User's Guide
- History
  - HIS 383: The United States, 1920-1974
  - HIS 317: The Making of Modern India and Pakistan
- Humanities
  - FRS 124: Experiencing India through Bollywood
  - WRI 103: Writing Seminar (Race, Gender, and Representation)
  - SOC 223: Hustles and Hustlers

## **UC** Berkeley

- Computer Science
  - Classes
    - CS 294: Deep Reinforcement Learning
    - CS 262A: Advanced Topics in Computer Systems
  - Seminars
    - CS 294: Visual Object and Activity Recognition (x2)
    - CS 294: Special Topics in Deep Learning
    - CS 298: Database Seminar

## Online

- iTunesU
  - CS 193P: iPhone Application Development (Stanford)
- Coursera
  - Startup Engineering (Stanford)
  - Machine Learning (Stanford)