Computer Science Major Curriculum

**SEQUENCES**

CS21: Software Engineering → CS41: Empirical Software Engineering


CS41: Systems Biology I → CS44: Computational Modeling and Simulation I

CS46: Computational Modeling and Simulation I → CS46: Computational Modeling and Simulation II

CS43: Interactive Systems I → CS43: Interactive Systems II

CS86: Algorithmic Game Theory → CS86: Algorithmic Game Theory II

**KEY**

- Required for CS Major and CS+AI major
- Required for CS+AI Major

**SEQUENCES**

CS31: Computer Networks → CS43: Advanced Computer Networks

CS44: Bio-Inspired Machine Learning → CS44: Deep Learning

CS48: Human Interpretable AI I → CS48: Human Interpretable AI II

**Other CS Major Requirements**

- One ≥ 200-level math or stats course
- One ≥ 200-level elective
- One ≥ 300-level elective
- One sequence (CS3XX + CS4XX)

*May substitute CS375/CS376 CS major requirement*