# CS 4300: Artificial Intelligence

## Fall 2019 Schedule

**Work in Progress. Not fully updated yet.** Day | Topic | Work Due
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W01 | Introduction / Intelligent Agents | R
W02 | Intelligent Agents | M | **Rectangle Puzzle** T
W03 | Solving Problems by Searching (Chapter 3) | R
W03 | Solving Problems by Searching (Chapter 3) | W03 | H Sep 3
W04 | Labor Day (no classes) | T
W04 | Heuristics (Chapter 3) | R
W05 | Rubik’s Cube Action/State/Problem Classes | T
W05 | Rubik’s Cube Action/State/Problem Unit Tests | R
W05 | Quantifying Uncertainty (Chapter 13) | W05 | M
W05 | Rubik’s Cube Solver Study | T
W06 | Local Search | R
W06 | Quantifying Uncertainty | R
W06 | Probabilistic Reasoning | W06 | M
W06 | Rubik’s Cube Solver Optimization | T
W06 | Adversarial Search | R
W07 | Probabilistic Reasoning | R
W07 | Probabilistic Reasoning over Time | W07 | T
W07 | Vertex Cover Local Search | T
W07 | Probabilistic Reasoning over Time | H Oct 11-12 | **Fall Break** (no classes)
W09 | Vertex Cover Local Search Study | T
W09 | Logical Agents | R
W10 | Making Simple Decisions | R
W10 | Making Simple Decisions | W11 | T
W10 | Natural Language Processing | R
W11 | Natural Language Processing | W12 | T
W12 | Making Complex Decisions | R
W13 | Making Complex Decisions | W13 | T
W13 | Constraint Satisfaction Problems | R
W13 | Constraint Satisfaction Problems | W14 | T
W14 | AI Ethics | H
W14 | Thanksgiving Break (no classes) | W15 | T
W15 | Robotics | R
W15 | Robotics | W16 | T
W16 | Machine Learning | R
W16 | Machine Learning | W17 | Final Exams | R
W17 | Final Exam | Dec 12 | Final Exam 9:00 am - 10:50 am

Class announcements may modify schedule from that listed above.