

ML Courses at Stanford

Courses with Lecture Videos

Introductory Courses

- [CS 221](#) - Artificial Intelligence: Principles and Techniques | [Videos](#)
- [CS 229](#) - Machine Learning | [Videos](#)
- [CS 230](#) - Deep Learning | [Videos](#)

Computer Vision, NLP, and Graph NNs

- [CS 231n](#) - Deep Learning for Computer Vision | [Videos](#)
- [CS 224n](#) - Natural Language Processing with Deep Learning | [Videos](#)
- [CS 224u](#) - Natural Language Understanding | [Videos](#)
- [CS 224w](#) - Machine Learning with Graphs | [Videos](#)

RL and Meta Learning

- [CS 234](#) - Reinforcement Learning | [Videos](#)
- [CS 330](#) - Deep Multi-task and Meta Learning | [Videos](#)

Courses with Lecture Slides / Notes

Python and Probability

- [CS 106a](#) - Programming Methodologies
- [CS 109](#) - Probability for Computer Scientists

Learning Theory and Probabilistic Models

- [CS 228](#) - Probabilistic Graphical Models
- [CS 236](#) - Deep Generative Models
- [CS 229m](#) - Machine Learning Theory

Machine Learning Systems

- [CS 329s](#) - Machine Learning Systems Design
- [CS 528](#) - Machine Learning Systems Seminar | [Videos](#)

Biomedical Applications

- [CS 271](#) - Artificial Intelligence in Healthcare
- [CS 235](#) - Computational Methods for Biomedical Image Analysis and Interpretation