

Machine Learning Curriculum

Semester 1

Advanced Machine Learning (4 credits)

- Supervised Learning
- Unsupervised Learning
- Reinforcement Learning

Deep Learning Fundamentals (3 credits)

- Neural Networks
- Convolutional Neural Networks
- Recurrent Neural Networks

Semester 2

Machine Learning Systems (4 credits)

- System Design for ML
- Big Data Processing
- Distributed ML

Advanced Topics in Machine Learning (3 credits)

- Natural Language Processing
- Computer Vision
- Time Series Analysis