

# COURSE DETAIL

## DEEP LEARNING FOR AUTONOMOUS SYSTEMS

**Country**

Norway

**Host Institution**

University of Oslo

**Program(s)**

University of Oslo

**UCEAP Course Level**

Upper Division

**UCEAP Subject Area(s)**

Computer Science

**UCEAP Course Number**

153

**UCEAP Course Suffix****UCEAP Official Title**

DEEP LEARNING FOR AUTONOMOUS SYSTEMS

**UCEAP Transcript Title**

DEEP LEARN/AUTO SYS

**UCEAP Quarter Units**

8.00

**UCEAP Semester Units**

5.30

## Course Description

This course focuses on advanced algorithms and architectures for deep learning with neural networks. The course provides an introduction to how deep learning techniques can be used to design important parts of advanced autonomous systems that exist in physical and cyber environments.

## Language(s) of Instruction

English

## Host Institution Course Number

TEK5040

## Host Institution Course Title

DEEP LEARNING FOR AUTONOMOUS SYSTEMS

## Host Institution Course Details

<https://www.uio.no/studier/emner/matnat/its/TEK5040/index-eng.html>

## Host Institution Campus

## Host Institution Faculty

Mathematics and Natural Sciences

## Host Institution Degree

Master

## Host Institution Department

Technology Systems

## Course Last Reviewed

2025-2026

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