

# COURSE DETAIL

## CONCEPTUAL INTRODUCTION TO MACHINE LEARNING

**Country**

Singapore

**Host Institution**

National University of Singapore

**Program(s)**

National University of Singapore

**UCEAP Course Level**

Lower Division

**UCEAP Subject Area(s)**

Physics

**UCEAP Course Number**

30

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

CONCEPTUAL INTRODUCTION TO MACHINE LEARNING

**UCEAP Transcript Title**

INTRO MACHINE LEARN

**UCEAP Quarter Units**

6.00

**UCEAP Semester Units**

4.00

## Course Description

This course provides a conceptual-level introduction to the field of machine learning and its most important techniques. Students examine how machine learning (ML) is the dominant component of modern research in artificial intelligence and that although ML is largely associated with computer science and software engineering, many of its foundational techniques have historical roots in the natural and social sciences and are commonly used in those fields.

## Language(s) of Instruction

English

## Host Institution Course Number

HS1502

## Host Institution Course Title

CONCEPTUAL INTRODUCTION TO MACHINE LEARNING

## Host Institution Course Details

<https://nusmods.com/courses/HS1502/conceptual-introduction-to-machine-learning>

## Host Institution Campus

## Host Institution Faculty

## Host Institution Degree

## Host Institution Department

Physics

## Course Last Reviewed

2025-2026

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