

COURSE DETAIL

MACHINE LEARNING

Country

Australia

Host Institution

University of Queensland

Program(s)

University of Queensland

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

127

UCEAP Course Suffix**UCEAP Official Title**

MACHINE LEARNING

UCEAP Transcript Title

MACHINE LEARNING

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course examines the theory and practice of machine learning, including conceptual, computational, mathematical and statistical frameworks. Topics include: classification, regression, optimization, neural networks, deep learning, unsupervised learning, semi-supervised learning, clustering, dimensionality reduction and generative models. The implementation of machine learning techniques, experimentation and practical application are a central theme of the course.

Language(s) of Instruction

English

Host Institution Course Number

COMP4702

Host Institution Course Title

MACHINE LEARNING

Host Institution Course Details

https://programs-courses.uq.edu.au/course.html?course_code=COMP4702&offer=53544...

Host Institution Campus

Brisbane

Host Institution Faculty

Host Institution Degree

Host Institution Department

Computer Science

Course Last Reviewed

2025-2026

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