

COURSE DETAIL

METHODS OF ARTIFICIAL INTELLIGENCE

Country

United Kingdom - England

Host Institution

University of Bristol

Program(s)

University of Bristol

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

133

UCEAP Course Suffix**UCEAP Official Title**

METHODS OF ARTIFICIAL INTELLIGENCE

UCEAP Transcript Title

METHODS ARTIF INTEL

UCEAP Quarter Units

8.00

UCEAP Semester Units

5.30

Course Description

This course covers modern approaches to artificial intelligence with a focus on neural networks (NNs). Among other topics, students cover discussions of NN loss functions, optimization, and back propagation. Throughout the course there is a focus on students understanding theory and modelling principles in order to apply them effectively to AI. At the end of the course, students apply these principles to other AI tasks and learn how that can be done in practice.

Language(s) of Instruction

English

Host Institution Course Number

SEMT20003

Host Institution Course Title

METHODS OF ARTIFICIAL INTELLIGENCE

Host Institution Course Details

<https://www.bris.ac.uk/unit-programme-catalogue/UnitDetails.jsa?ayrCode=25%2F26...>

Host Institution Campus

Host Institution Faculty

School of Engineering Mathematics and Technology

Host Institution Degree

Host Institution Department

Course Last Reviewed

2025-2026

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