

COURSE DETAIL

REINFORCEMENT LEARNING

Country

United Kingdom - Scotland

Host Institution

University of Edinburgh

Program(s)

University of Edinburgh

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

166

UCEAP Course Suffix**UCEAP Official Title**

REINFORCEMENT LEARNING

UCEAP Transcript Title

REINFORCEMENT LEARN

UCEAP Quarter Units

4.00

UCEAP Semester Units

2.70

Course Description

Reinforcement learning (RL) refers to a collection of machine learning techniques which solve sequential decision making problems using a process of trial-and-error. It is a core area of research in artificial intelligence and machine learning, and provides one of the most powerful approaches to solving decision problems. This course covers foundational models and algorithms used in RL, as well as advanced topics such as scalable function approximation using neural network representations and concurrent interactive learning of multiple RL agents.

Language(s) of Instruction

English

Host Institution Course Number

INFR11236

Host Institution Course Title

REINFORCEMENT LEARNING

Host Institution Campus

Host Institution Faculty

School of Informatics

Host Institution Degree

Host Institution Department

[Print](#)