

COURSE DETAIL

KNOWLEDGE & REASONING

Country

United Kingdom - England

Host Institution

University of Sussex

Program(s)

University of Sussex

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

126

UCEAP Course Suffix**UCEAP Official Title**

KNOWLEDGE & REASONING

UCEAP Transcript Title

KNOWLEDGE&REASONING

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course covers computational methods of knowledge, representation, and reasoning, tracing their origins in epistemology and the study of logic, and showing their evolution and use in artificial intelligence. Students discuss theories of knowledge and related developments in Artificial Intelligence in the context of the historic development of the field; and demonstrate knowledge of several established knowledge representation and reasoning methods such as sentential logic, semantic networks, ontologies, fuzzy systems, and Bayesian networks.

Language(s) of Instruction

English

Host Institution Course Number

G6019

Host Institution Course Title

KNOWLEDGE & REASONING

Host Institution Course Details

<https://www.sussex.ac.uk/study/international-students/visiting-exchange-erasmus...>

Host Institution Campus

University of Sussex

Host Institution Faculty**Host Institution Degree****Host Institution Department**

Informatics

Course Last Reviewed

2019-2020

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