COURSE DETAIL

COMPUTATIONAL COGNITIVE SCIENCE
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 127
UCEAP Course Suffix
UCEAP Official Title COMPUTATIONAL COGNITIVE SCIENCE
UCEAP Transcript Title COMP COGNITIVE SCI
UCEAP Quarter Units 4.00
UCEAP Semester Units 2.70

Course Description

This course introduces students to the concepts and methodology needed to implement and analyze computational models of cognition. It considers the fundamental issues of using a computational approach to explore and model cognition. In particular, this course explores the way that computational models relate to, are tested against, and illuminate psychological theories and data. The course introduces both symbolic and subsymbolic modelling methodologies, and provides practical experience with implementing models. The symbolic part focuses on cognitive architectures, while the subsymbolic part introduces probabilistic models.

Language(s) of Instruction
English

Host Institution Course Number
INFR10054

Host Institution Course Title
COMPUTATIONAL COGNITIVE SCIENCE

Host Institution Course Details
http://www.drps.ed.ac.uk/24-25/dpt/cxinfr10054.htm

Host Institution Campus
Edinburgh

Host Institution Faculty

Host Institution Degree

Host Institution Department
INFORMATICS

Course Last Reviewed
2024-2025

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