

# COURSE DETAIL

## INFORMATICS 1 - 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**

108

**UCEAP Course Suffix****UCEAP Official Title**

INFORMATICS 1 - COGNITIVE SCIENCE

**UCEAP Transcript Title**

INFORMTCS 1-COG SCI

**UCEAP Quarter Units**

8.00

**UCEAP Semester Units**

5.30

## Course Description

This course is an introduction to cognitive science. It provide a selective but representative overview of the subject, suitable for all interested students, including students on the cognitive science degrees and external students. The lecturing team presents a unified view of the field, based on a computational approach to analyzing cognition. The material is organized by cognitive function (e.g., language, vision), rather than by subdiscipline (e.g., psychology, neuroscience). The course covers language, vision, memory, control and action, and reasoning and generalization. All topics are presented from a computational point of view, and this perspective is reinforced by lab sessions in which students implement simple cognitive models.

### Language(s) of Instruction

English

### Host Institution Course Number

INFR08020

### Host Institution Course Title

INFORMATICS 1 - COGNITIVE SCIENCE

### Host Institution Campus

### Host Institution Faculty

### Host Institution Degree

### Host Institution Department

Informatics

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