

COURSE DETAIL

INFORMATICS 2A - PROCESSING FORMAL AND NATURAL LANGUAGES

Country

United Kingdom - Scotland

Host Institution

University of Edinburgh

Program(s)

Scottish Universities, University of Edinburgh

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

137

UCEAP Course Suffix**UCEAP Official Title**

INFORMATICS 2A - PROCESSING FORMAL AND NATURAL LANGUAGES

UCEAP Transcript Title

INFORMATICS 2A

UCEAP Quarter Units

8.00

UCEAP Semester Units

5.30

Course Description

This course is about processing natural and artificial languages. It considers how the same models of language can be used to describe and analyze both formal languages (such as programming languages) and natural languages (text and speech). It includes material on formal languages and grammars, probabilistic grammars (including hidden Markov models), semantic analysis, and human language processing. Examples are drawn from computer languages and natural language.

Language(s) of Instruction

English

Host Institution Course Number

INFR08008

Host Institution Course Title

INFORMATICS 2A - PROCESSING FORMAL AND NATURAL LANGUAGES

Host Institution Campus

Edinburgh

Host Institution Faculty

Host Institution Degree

Host Institution Department

Informatics

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