

COURSE DETAIL

NETWORK ANALYSIS

Country

Ireland

Host Institution

University College Dublin

Program(s)

University College Dublin

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

127

UCEAP Course Suffix**UCEAP Official Title**

NETWORK ANALYSIS

UCEAP Transcript Title

NETWORK ANALYSIS

UCEAP Quarter Units

5.00

UCEAP Semester Units

3.30

Course Description

The course provides a thorough introduction to graph and network analysis from a computer science perspective. It covers the basic concepts and key algorithms in network analysis, and discusses their use in the context of many real-world applications across a variety of domains. Students learn to apply network analysis methods in practice through the medium of the Python programming language. Students taking this course must have previously completed the module COMP30760 "Data Science in Python". or an equivalent class at their home university.

Language(s) of Instruction

English

Host Institution Course Number

COMP30850

Host Institution Course Title

NETWORK ANALYSIS

Host Institution Course Details

https://hub.ucd.ie/usis/!W_HU_MENU.P_PUBLISH?p_tag=MODULE&MODULE=COMP30850

Host Institution Campus

University College Dublin

Host Institution Faculty

Host Institution Degree

Host Institution Department

Science

Course Last Reviewed

2023-2024

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