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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