

# COURSE DETAIL

## NETWORKS AND INTERNET SYSTEMS

**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**

102

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

NETWORKS AND INTERNET SYSTEMS

**UCEAP Transcript Title**

NETWORK&INTERNT SYS

**UCEAP Quarter Units**

4.00

**UCEAP Semester Units**

2.70

**Course Description**

This course introduces the OSI stack to students, and goes through the various layers in detail. Topics include network types, functions, topologies, transmissions, switching, routing, management, reference models, architectures, protocols, and standards; network user applications; flow and congestion control strategies; design and implementation considerations; and use in internet systems.

**Language(s) of Instruction**

English

**Host Institution Course Number**

COMP30040

**Host Institution Course Title**

NETWORKS AND INTERNET SYSTEMS

**Host Institution Campus**

UC Dublin

**Host Institution Faculty****Host Institution Degree****Host Institution Department**

Computer Science

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