

Networks and Distributed Systems

School of Computer Science

College of Engineering and Physical Sciences

Details

Code 23644

Level of study Third/Final year

Credit value 20

Semester 1

Module description

This module will explore the basic concepts, technologies and standards in the areas of Computer Networks and Distributed Systems. It will cover topics related to the Internet architecture and protocols, networking technologies, distributed systems and algorithms. It will also introduce the students to the recent trends in network technologies and systems, such as wireless networks, mobile computing, cloud computing and online social network applications. The module will be based on the discussion of real-world case studies, research papers and standardisation documents.

Teaching and learning methods

3 hours lectures a week, plus exercise classes