Spatial Databases and Data Management (CEGE0052)

Description

GIS lets you map where things are but knowing where something is is much more powerful when you combine it with what and who and how and when. This module shows you how to integrate map and other data in a database (e.g. PostgreSQL, Oracle) and then run SQL queries to exploit the power of this integration to solve real world problems. We focus in particular on database design and development (SQL) of spatial databases in 2D and 3D. Advanced topics (depending on time) may include: improving database performance, NoSQL, how to share data over the internet via GeoServer, GeoBIM integration.

Key information

Year 2019/20
Credit value 15 (150 study hours)
Delivery PGT L7, Campus-based
Reading List View on UCL website
Tutor Dr Claire Ellul
Term Term 1
Timetable View on UCL website

Assessment

Report: 100%

Find out more

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Disclaimer: All information correct as of December 2018. Please note that aspects of the module may be subject to change. UCL will make best efforts to inform applicants of major changes.