Design and Analysis of Structural Systems (CEGE0062)

Description
The course gives a systematic overview of the main structural systems and approaches each of them from three different angles: (1) Approximate analytical modelling; (2) Qualitative Behaviour; (3) Design.

Indicative topics:
- Cable and arch systems
- Trusses
- Moment Resisting Frames and Tall Buildings
- Shell roofs

Key information
- **Year**: 2019/20
- **Credit value**: 15 (150 study hours)
- **Delivery**: PGT L7, Campus-based
- **Reading List**: View on UCL website
- **Tutor**: Dr Philippe Duffour
- **Term**: Term 2
- **Timetable**: View on UCL website

Assessment
- Coursework: 30%
- Written examination (main exam period): 50%
- Group coursework: 20%

Find out more
For more information about the department, programmes, relevant open days and to browse other modules, visit ucl.ac.uk

Disclaimer: All information correct as of June 2019. Please note that aspects of the module may be subject to change. UCL will make best efforts to inform applicants of major changes.
Civil, Environmental and Geomatic Engineering

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Assessment
- Oral Presentation: 30%
- Written examination (main exam period): 50%
- Individual project: 20%

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