

Transport Planning Analysis (CEGE0063)

Description

The course offers an overview of transport planning methods/models. The contents of the course include Four step trip planning models (trip generation, trip distribution, mode choice and assignment), other modelling approaches and their limitations; Assessment of transport impacts (safety, environment, accessibility), Appraisal of scheme (Web Tag/Cost-Benefit Analysis and Multi-criteria analysis).

Learning Outcomes:

By the end of the course, the student will have knowledge and understanding of:

- The main transport planning models/methods used by transport planners
- A critical understanding of their strengths and weaknesses
- Data required and methods to collect and interpret data for appraising a transport scheme
- Methods to evaluate the impacts of a transport scheme

Key information

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

Assessment

Find out more

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

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