



UNSW
SYDNEY

Australia's
Global
University

Built Environment

BENV2938
Transport Planning



Course Outline – Term 3, 2020

Disclaimer

Information within this document is subject to change. The full and most accurate course outline will be available in Moodle closer to the start of the term in which the course is offered.

1. COURSE STAFF

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2. COURSE DETAILS

Credit Points	6 units of credit (uoc)
Workload	Approx. 150 hours including class contact hours, weekly individual and group online learning activities, readings, class preparation, and assessment activities.
Teaching Times and Location	Find details in timetable http://www.timetable.unsw.edu.au

Description

This subject provides an introductory understanding of the role of transport planning as a planning tool that can be used to achieve positive overall planning outcomes in the built urban environment. Students will gain an understanding of the need and role for transport planning in the planning, important concepts and analytical tools for planning of transport systems including public transport systems.

Aims

The main aims of this course are:

- To provide an introductory understanding of the role that transport plays as a functioning part of the built environment
- To explain the role of transport planning in a context of the urban and transport development process
- To demonstrate the nature of some of the inter-relationships between transport and urban land use
- To demonstrate how transport planning can be used as a planning tool for urban transport systems

Course Learning Outcomes (CLOs)

At the successful completion of this course, you will be able to:

1. Articulate and understand the fundamentals of transport planning theories including strategic transport modelling and public transport
1. Achieve an understanding of how data analysis can be used to assist the transport planning process
2. Conduct major group work planning exercises (similar in context to actual real-life transport planning projects)
4. Acquire skills to effectively communicate your recommendations on transport issues to planning decision-makers
5. Undertake a detailed comparison of transport writings, with a view to identifying the strengths and weaknesses of various arguments, based on interpretation of the available information
6. Understand the concept of transport planning as an essential planning tool in the transport development process
7. Attain knowledge of the potential operational characteristics of various modes of transport and how and when they can best be used.

3. ASSESSMENT

Assessment task	Weight	CLOs Assessed
1. Assignment 1 Travel Survey	15%	1, 2, 5
2. Assignment 2 Individual Essay	35%	1, 2, 5, 7
3. Assignment 3 Transport Planning Project	40%	1, 2, 3
4. Tutorial exercise	10%	3, 7

4. COURSE IMPROVEMENT AND FEEDBACK

Feedback from students is an integral part of improving courses and teaching approaches. One of the primary mechanisms of feedback is myExperience, which we strongly urge all students to complete at the end of term. Course convenors use the feedback to make ongoing improvements to the course. This is communicated in Moodle in the myFeedback Matters page.