



UNSW

UNSW Course Outline

BENV2938 Transport Planning - 2024

Published on the 23 Sep 2024

General Course Information

Course Code : BENV2938

Year : 2024

Term : Term 3

Teaching Period : T3

Is a multi-term course? : No

Faculty : Faculty of Arts, Design and Architecture

Academic Unit : School of Built Environment

Delivery Mode : In Person

Delivery Format : Standard

Delivery Location : Kensington

Campus : Sydney

Study Level : Undergraduate

Units of Credit : 6

Useful Links

[Handbook Class Timetable](#)

Course Details & Outcomes

Course Description

Transport Planning examines the critical functions of transport systems in fostering sustainable urban ecosystems. It emphasises the integration of transport principles into urban planning to enhance urban sustainability and liveability. Through rigorous analytical methods, case studies,

and transport projects, you will explore how transport planning can act as a transformative tool for urban enhancement.

Course Learning Outcomes

Course Learning Outcomes
CLO1 : Explain key transport planning concepts, principles and methodologies.
CLO2 : Critically analyse and evaluate various transport systems, and their impacts on urban development, environmental sustainability, and social equity.
CLO3 : Design and propose effective transport solutions that address urban transport challenges.
CLO4 : Assess the social, economic, and environmental impacts of transport policies, providing evidence-based recommendations.
CLO5 : Effectively communicate transport planning concepts through written reports and presentations.

Course Learning Outcomes	Assessment Item
CLO1 : Explain key transport planning concepts, principles and methodologies.	<ul style="list-style-type: none">• Online Test• Tutorial Tasks
CLO2 : Critically analyse and evaluate various transport systems, and their impacts on urban development, environmental sustainability, and social equity.	<ul style="list-style-type: none">• Online Test• Tutorial Tasks
CLO3 : Design and propose effective transport solutions that address urban transport challenges.	<ul style="list-style-type: none">• Transport Planning Project
CLO4 : Assess the social, economic, and environmental impacts of transport policies, providing evidence-based recommendations.	<ul style="list-style-type: none">• Transport Planning Project• Online Test
CLO5 : Effectively communicate transport planning concepts through written reports and presentations.	<ul style="list-style-type: none">• Transport Planning Project• Tutorial Tasks

Learning and Teaching Technologies

Moodle - Learning Management System

Assessments

Assessment Structure

Assessment Item	Weight	Relevant Dates
Online Test Assessment Format: Individual	30%	Start Date: TBA Due Date: TBA
Transport Planning Project Assessment Format: Group	40%	Start Date: TBA Due Date: TBA
Tutorial Tasks Assessment Format: Individual	30%	Start Date: TBA Due Date: TBA

Assessment Details

Online Test

Assessment Overview

You will be tested on key concepts from the lectures, tutorial exercises, and assigned readings. Feedback will be given in the form of correct answers, with additional feedback available from the course convenor upon request.

Course Learning Outcomes

- CLO1 : Explain key transport planning concepts, principles and methodologies.
- CLO2 : Critically analyse and evaluate various transport systems, and their impacts on urban development, environmental sustainability, and social equity.
- CLO4 : Assess the social, economic, and environmental impacts of transport policies, providing evidence-based recommendations.

Assignment submission Turnitin type

Not Applicable

Generative AI Permission Level

No Assistance

This assessment is designed for you to complete without the use of any generative AI. You are not permitted to use any generative AI tools, software or service to search for or generate information or answers.

For more information on Generative AI and permitted use please see [here](#).

Transport Planning Project

Assessment Overview

You will design and plan a public transport network assuming the role of a transport planning professional. Grading will be done against assessment criteria accompanied by written feedback. Individual contributions to the group project will be assessed.

Course Learning Outcomes

- CLO3 : Design and propose effective transport solutions that address urban transport challenges.
- CLO4 : Assess the social, economic, and environmental impacts of transport policies, providing evidence-based recommendations.
- CLO5 : Effectively communicate transport planning concepts through written reports and presentations.

Assignment submission Turnitin type

This assignment is submitted through Turnitin and students do not see Turnitin similarity reports.

Generative AI Permission Level

Simple Editing Assistance

In completing this assessment, you are permitted to use standard editing and referencing functions in the software you use to complete your assessment. These functions are described below. You must not use any functions that generate or paraphrase passages of text or other media, whether based on your own work or not.

If your Convenor has concerns that your submission contains passages of AI-generated text or media, you may be asked to account for your work. If you are unable to satisfactorily demonstrate your understanding of your submission you may be referred to UNSW Conduct & Integrity Office for investigation for academic misconduct and possible penalties.

For more information on Generative AI and permitted use please see [here](#).

Tutorial Tasks

Assessment Overview

You will complete tutorial tasks, applying knowledge of transport planning concepts and methods to real-world examples and case studies. Grading will be done against assessment criteria accompanied by written feedback.

Course Learning Outcomes

- CLO1 : Explain key transport planning concepts, principles and methodologies.
- CLO2 : Critically analyse and evaluate various transport systems, and their impacts on urban development, environmental sustainability, and social equity.
- CLO5 : Effectively communicate transport planning concepts through written reports and presentations.

Generative AI Permission Level

Simple Editing Assistance

In completing this assessment, you are permitted to use standard editing and referencing functions in the software you use to complete your assessment. These functions are described below. You must not use any functions that generate or paraphrase passages of text or other media, whether based on your own work or not.

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General Assessment Information

Grading Basis

Standard

Course Schedule

Teaching Week/Module	Activity Type	Content
Week 1 : 9 September - 15 September	Lecture	Transport planning & course introduction
Week 2 : 16 September - 22 September	Lecture	Transport demand
	Tutorial	Transport demand practice
Week 3 : 23 September - 29 September	Lecture	Transport demand forecasting and mode choice
	Tutorial	Transport demand forecasting and mode choice practice
Week 4 : 30 September - 6 October	Lecture	Transport network planning
	Tutorial	Transport network planning practice
Week 5 : 7 October - 13 October	Lecture	Parking policy and management
	Tutorial	Parking policy and management practice
Week 7 : 21 October - 27 October	Lecture	Public transport planning
	Tutorial	Public transport planning practice
Week 8 : 28 October - 3 November	Lecture	Transport accessibility
	Tutorial	Transport accessibility practice
Week 9 : 4 November - 10 November	Lecture	Active transport (walking) planning
	Tutorial	Active transport (walking) planning practice
Week 10 : 11 November - 17 November	Lecture	Active transport (cycling) planning
	Tutorial	Active transport (cycling) planning practice

Attendance Requirements

Students are strongly encouraged to attend all classes and review lecture recordings.

Course Resources

Course Evaluation and Development

We encourage and support students to maintain regular contact with the course convenor to provide informal feedback throughout the course. For specific issues or detailed feedback, please arrange a meeting with the course convenor via email.

In this course there is an option for students to provide anonymous feedback via the course's Moodle page, which is directly sent to the convenor. As a final step, students are invited to share their insights and experiences by completing the MyExperience survey. The feedback gathered each year is integral to the continuous enhancement and development of the course.

Staff Details

Position	Name	Email	Location	Phone	Availability	Equitable Learning Services Contact	Primary Contact
Convenor	Brian Lee		ABL H13		please email for appointment	No	Yes

Other Useful Information

Academic Information

For essential student information relating to:

- UNSW and Faculty policies and procedures;
- Student Support Services;
- Student equity and disability;
- Special Consideration in the event of illness or misadventure;
- Examination information;
- Review of results;

Please see: <https://www.unsw.edu.au/arts-design-architecture/student-life/resources-support/protocols-guidelines>

Academic Honesty and Plagiarism

Plagiarism is using the words or ideas of others and presenting them as your own. It can take many forms, from deliberate cheating to accidentally copying from a source without acknowledgement.

UNSW groups plagiarism into the following categories:

- Copying: Using the same or very similar words to the original text or idea without acknowledging the source or using quotation marks. This includes copying materials, ideas or concepts from a book, article, report or other written document, presentation, composition, artwork, design, drawing, circuitry, computer program or software, website, internet, other electronic resource, or another person's assignment without appropriate acknowledgement.
- Inappropriate paraphrasing: Changing a few words and phrases while mostly retaining the original information, structure and/or progression of ideas of the original without acknowledgement. This also applies in presentations where someone paraphrases another's ideas or words without credit and to piecing together quotes and paraphrases into a new whole, without appropriate referencing.
- Collusion: Working with others but passing off the work as a person's individual work. Collusion also includes providing your work to another student for the purpose of them plagiarising, paying another person to perform an academic task, stealing or acquiring another person's academic work and copying it, offering to complete another person's work or seeking payment for completing academic work.
- Inappropriate citation: Citing sources which have not been read, without acknowledging the "secondary" source from which knowledge of them has been obtained.
- Duplication ("self-plagiarism"): Submitting your own work, in whole or in part, where it has

previously been prepared or submitted for another assessment or course at UNSW or another university.

The UNSW Academic Skills support offers resources and individual consultations. Students are also reminded that careful time management is an important part of study. One of the identified causes of plagiarism is poor time management. Students should allow sufficient time for research, drafting and proper referencing of sources in preparing all assessment items. UNSW Library has the ELISE tool available to assist you with your study at UNSW. ELISE is designed to introduce new students to studying at UNSW, but it can also be a great refresher during your study.

Completing the ELISE tutorial and quiz will enable you to:

- analyse topics, plan responses and organise research for academic writing and other assessment tasks
- effectively and efficiently find appropriate information sources and evaluate relevance to your needs
- use and manage information effectively to accomplish a specific purpose
- better manage your time
- understand your rights and responsibilities as a student at UNSW
- be aware of plagiarism, copyright, UNSW Student Code of Conduct and Acceptable Use of UNSW ICT Resources Policy
- be aware of the standards of behaviour expected of everyone in the UNSW community
- locate services and information about UNSW and UNSW Library

Use of AI for assessments

As AI applications continue to develop, and technology rapidly progresses around us, we remain committed to our values around academic integrity at UNSW. Where the use of AI tools, such as ChatGPT, has been permitted by your course convener, they must be properly credited and your submissions must be substantially your own work.

In cases where the use of AI has been prohibited, please respect this and be aware that where unauthorised use is detected, penalties will apply.

[Use of AI for assessments | UNSW Current Students](#)

Submission of Assessment Tasks

Assessment tasks must be submitted electronically via either Turnitin or a Moodle assignment.

In instances where this is not possible, alternative submission details will be stated on your

course's Moodle site. For information on how to submit assignments online via Moodle: <https://student.unsw.edu.au/how-submit-assignment-moodle>

Late Submission Penalty

UNSW has a standard late submission penalty of:

- 5% per calendar day,
- for all assessments where a penalty applies,
- capped at five calendar days (120 hours) from the assessment deadline, after which a student cannot submit an assessment, and
- no permitted variation.

Students are expected to manage their time to meet deadlines and to request [Special Consideration](#) as early as possible before the deadline. Support with [Time Management is available here](#).

Important note: UNSW has a "fit to sit/submit" rule, which means that if you sit an exam or submit a piece of assessment, you are declaring yourself fit to do so and cannot later apply for Special Consideration. This is to ensure that if you feel unwell or are faced with significant circumstances beyond your control that affect your ability to study, you do not sit an examination or submit an assessment that does not reflect your best performance. Instead, you should apply for Special Consideration as soon as you realise you are not well enough or are otherwise unable to sit or submit an assessment.

School Contact Information

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