



Module Specification

Transport Planning in Practice

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Part 1: Information

Module title: Transport Planning in Practice

Module code: UBGM61-15-M

Level: Level 7

For implementation from: 2021-22

UWE credit rating: 15

ECTS credit rating: 7.5

Faculty: Faculty of Environment & Technology

Department: FET Dept of Geography & Environmental Mgmt

Partner institutions: None

Delivery locations: Frenchay Campus

Field:

Module type: Standard

Pre-requisites: None

Excluded combinations: None

Co-requisites: None

Continuing professional development: No

Professional, statutory or regulatory body requirements: None

Part 2: Description

Overview: Contemporary transport professionals are required to not only have a sound underpinning knowledge of transport planning principles, but to also have the ability to think critically, creatively and analytically, moving beyond the application of standard practices.

The module syllabus therefore has two explicit dimensions: (i) a transport planning

knowledge syllabus and (ii) a transport planning skills syllabus. See 'outline syllabus' for further details.

Features: Not applicable

Educational aims: On completion of the module, students will be able to:

Demonstrate the ability to perform as effective, multi-disciplinary transport professionals; and

Demonstrate skills in advanced quantitative analysis and critical thinking and communication, set within the context of transport planning practice.

Outline syllabus: The knowledge dimension of the syllabus will examine:

Strategic approaches to planning for movement; considering the relationship between spatial and transport planning and the historical evolution of planning for movement

Transport planning in the planning system, considering development management and planning inquiries

The multi-dimensional nature of transport planning; considering issues relating to movement and place making; inclusive planning and design; transport system safety.

The skills dimension of the syllabus will examine:

Critical thinking and the written / verbal communication of evidence based arguments.

Advanced quantitative analysis as applied to the evaluation of transport planning problems.

Part 3: Teaching and learning methods

Teaching and learning methods: This module is delivered through lectures, tutorials, workshops and site visits. Practical exercises, based on the evaluation of a development management scenario (linked to the assessment), will be conducted in workshops.

Quantitative analysis and critical thinking skills will be developed through lectures, tutorials and independent study. Students will have the opportunity to work on problems in classroom settings with tutor and peer support, and be set further problems to work on outside of timetabled classes (including a coursework assessment), drawing on online learning resources.

Contact with students will be on a weekly or bi-weekly basis across a single semester.

The learning will be made up of the following number of hours:

Directed contact learning: 36 hours

Independent Study: 36 hours

Assessment, including preparation: 78 hours

Total: 150 hours

Module Learning outcomes:

MO1 Evaluate approaches to planning for movement considering the relationship between spatial planning and transport planning

MO2 Evaluate the role of transport planning in development management and apply transport planning principles to development management scenarios

MO3 Evaluate and synthesise information drawn from multiple domains / disciplines to support transport planning recommendations

MO4 Develop and communicate effective evidence-based arguments relating to transport planning

MO5 Apply critical thinking and advanced quantitative analysis skills to evaluate transport planning problems

Hours to be allocated: 150

Contact hours:

Independent study/self-guided study = 114 hours

Face-to-face learning = 36 hours

Total = 150

Reading list: The reading list for this module can be accessed at readinglists.uwe.ac.uk via the following link <https://rl.talis.com/3/uwe/lists/25C43B59-889E-0667-8FB9-304536EFF015.html?lang=en-GB&login=1>

Part 4: Assessment

Assessment strategy: The knowledge part of the syllabus is assessed through a coursework project which requires students to undertake a multi-dimensional evaluation of a proposed new development linked to a planning application. The evaluation will be multi-dimensional in the sense that students will be required to consider a wide range of issues such as accessibility, road safety, trip generation and measures required to manage travel demand, and quality of place.

The skills part of the syllabus will be assessed through a separate portfolio of analysis activities, exposing students to the range of quantitative analysis techniques used in transport planning practice.

The ability to think critically and communicate evidence based arguments will be developed and demonstrated through both assignments.

The resits will follow the same framework and involve a resubmission against the same or slightly modified brief (where modifications are deemed necessary to ensure that students have worked independently for example).

Assessment components:

Report - Component A (First Sit)

Description: Transport Planning Report with appendices (3,000 words)

Weighting: 60 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO4, MO5

Portfolio - Component B (First Sit)

Description: Transport Planning Analysis Portfolio (1,500 words)

Weighting: 40 %

Final assessment: No

Group work: No

Learning outcomes tested: MO5

Report - Component A (Resit)

Description: Transport Planning Report with appendices (3,000 words)

Weighting: 60 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO4, MO5

Portfolio - Component B (Resit)

Description: Transport Planning Analysis Portfolio (1,500 words)

Weighting: 40 %

Final assessment: No

Group work: No

Learning outcomes tested: MO5

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Transport Engineering and Planning [Sep][PT][Frenchay][2yrs] MSc 2021-22

Transport Engineering and Planning [Sep][FT][Frenchay][1yr] MSc 2021-22