University of Hertfordshire UH

School of Life and Medical Sciences

Title of Programme: MSc Transport Planning

Programme Code: LMTPPGC - Postgraduate Certificate Transport Planning
LMTPPGD - Postgraduate Diploma Transport Planning
LMTPM - MSc Transport Planning
LMTPM - MSc Transport Planning (Sandwich)
LMTPARM -MSc Transport Planning (with Advanced Research)

Programme Specification

This programme specification is relevant to students entering:
20 September 2021

Associate Dean of School (Academic Quality Assurance):
Stefanie Schmeer

Signature

A programme specification is a collection of key information about a programme of study (or course). It identifies the aims and learning outcomes of the programme, lists the modules that make up each stage (or year) of the programme, and the teaching, learning and assessment methods used by teaching staff. It also describes the structure of the programme, its progression requirements and any programme-specific regulations. This information is therefore useful to potential students to help them choose the right programme of study, to current students on the programme, and to staff teaching and administering the programme.

_____

Summary of amendments to the programme

Date	Section	Amendment
02/06/21	D, tables 1a to 1k	7LMS0235 – Study Skills. Change semesters FROM: AB, BC TO: ABC, BCA
14/05/21	D, tables 1a to 1i	7LMS2007 Operational Transport Planning: Semester amended from A to AB
14/05/21	D, tables 1a to 1k	7LMS2013 Community Engagement and the Planning Process replaced with 7LFS1013 Placemaking and Spatial Mediation

If you have any queries regarding the changes, please email AQO@herts.ac.uk

Programme Specification   MSc Transport Planning

This programme specification (PS) is designed for prospective students, enrolled students, academic staff and potential employers. It provides a concise summary of the main features of the programme and the intended learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. More detailed information on the teaching, learning and assessment methods, learning outcomes and content for each module can be found in Definitive Module Documents (DMDs) and Module Guides.

Section 1

Awarding Institution/Body	University of Hertfordshire
Teaching Institution	University of Hertfordshire
University/partner campuses	Hatfield College Lane
Programme accredited by	
Final Award (Qualification)	MSc, PG Dip, PG Cert
All Final Award titles	MSc Transport Planning
(Qualification and Subject)	MSc Transport Planning (Sandwich)
	MSc Transport Planning (with Advanced Research)
	PG Dip Transport Planning
	PG Cert Transport Planning
FHEQ level of award	7
Language of Delivery English	

A. Programme Rationale

This course is designed for those with an interest in transport planning and/or those who want to gain a transport planning professional qualification. The course provides a range of specialised pathways, modules and learning outcomes based on transport planning professional qualification requirements.

There is a great deal of interest in transport planning and delivery of zero carbon interventions at the present time. This agenda is driven by the climate change imperative with many local authorities declaring climate emergencies and seeking practical solutions. However, this is often contradicted by multi-billion-pound government investment announcements for the Strategic Road improvement programme.

Poor air quality and wider social exclusion problems caused by motor vehicles affect many communities. Travel by private vehicles in towns and cities is becoming increasingly difficult and these are local drivers for change. These challenges have led to demands for change from local communities, regional bodies, academics and transport planning professionals. These views are increasingly being reflected by central and local government introducing transport policies and providing significant funding for transport programmes. They are also rethinking how transport is delivered to include projects focussed specifically on achieving zero carbon and intelligent transport networks.

Post-Covid announcements of the need to radically improve walking and cycling facilities are also now a key driving force for change. Devolution of funding and powers for urban and sub-national transport bodies and authorities are also critical factors to be considered.

The course provides students with core knowledge and expertise in transport planning and related topics. The key aspects of transport planning will be delivered within an overarching framework of de-carbonisation, land-use, planning, and transport and behavioural change. The course builds on the University's strong track record of employability and meets an identified skills gap in this sector as identified in the State of the Nations Report (2020, Transport Planning Society). The University, through its Smart Mobility Unit (SMU) is well placed to facilitate this.

There is a need for transport planning graduates to have a much broader knowledge and understanding of transport provision in relation to planning and place making, environmental climate change and its mitigation, and

University of Hertfordshire UH

designing transport systems to support sustainable economic development. The Transport Planning Masters will provide for this broad multi-disciplinary need through both transport specific modules and through modules which encompass themes of resilience, sustainable economic development, environmental management and sustainable planning. e.g. European Planning and Transport Practice, Sustainable Energy and Understanding and Managing Change.

The MSc Transport Planning will provide both the theoretical grounding and practical skills that transport planning practitioners will need to satisfy the requirements of employers both now and in future. The MSc Transport Planning is seeking approval by the Transport Planning Society (TPS) and Chartered Institute for Highways and Transportation (CIHT), the professional bodies for transport planners. Following such approval, successful programme graduates would therefore be granted the Transport Planning Professional (TPP) qualification. This programme and associated curriculum have been designed in order to meet the requirements and learning outcomes of these professional bodies.

The MSc Transport Planning will complement and build upon the University's existing MSc Environmental Management and MSc Sustainable Planning programmes, as well as providing a progression route for existing undergraduate Geography degree students.

B. Educational Aims of the Programme

The programme has been devised in accordance with the University's graduate attributes of programmes of study as set out in UPR TL03.

Additionally, this programme aims to:

- allow students to gain detailed knowledge of transport policy and administrative frameworks within which transport schemes are developed, assessed, financed, monitored and reviewed;

- gain an understanding of the framework of laws, regulations and guidance in which transport planners work;

- develop skills in the collection, collation, analysis and interpretation of data for use in the development and assessment of transport policies, plans, projects and services;

- help students appreciate the importance of and apply transport and assessment models for the development, design and assessment of transport policies, plans and schemes;

- promote the principles of community involvement, stakeholder engagement and public consultation in the identification of transport needs, the development of transport policies, plans, projects and services (including alternative approaches and their relative effectiveness);

- develop critical thinking in understanding and identifying sustainable travel options and their promotion, in order to improve economic, social and environmental sustainability;

- provide an understanding of the operational management of commercial and public transport systems and services using real world examples.

C. Intended Learning Outcomes

The programme provides opportunities for students to develop and demonstrate knowledge and understanding, skills and other attributes in the following areas. The programme outcomes are referenced the Frameworks for Higher Education Qualifications of UK Degree-Awarding Bodies (2014) and relate to the typical student. Additionally, the SEEC Credit Level Descriptors for Further and Higher Education (2016) have been used as a guiding framework for curriculum design.

Knowledge and Understanding:	Teaching/learning methods & strategies	Assessment
A1. Develop an in-depth understanding and knowledge of the key transport planning concepts and the impact of transport policy interventions on mobility patterns and energy demand within the context of sustainability.	Acquisition of A1 is through lectures and workshops and through individual research.	A1 Knowledge and understanding are assessed through professional reports, in Sustainable Energy; and essays in Transport Strategy and Law; European Planning and Transport Practice; and in the Research/Advanced Project Transport Planning Dissertation.
A2. Develop an in-depth understanding and knowledge of the political, organisational and legislative background to the provision of transport systems in the UK and how systems may differ in other countries.	Acquisition of A2 is through lectures and workshops.	A2 is assessed through professional reports and essays Transport Policy, Strategy and Law; Community Engagement and the Planning Process; European Planning and Transport Practice; Transport Development and Viability, and in Sustainable Energy.
A3. Develop an in-depth understanding and knowledge of the roles and aims of transport planners in a range of different organisations to achieve change in travel behaviour, including financing and legislative limitations.	Acquisition of A3 is through lectures and workshops.	A3 are assessed through a reflective journal in European Planning and Transport Practice; written reports in Transport Data Collection and Analysis; and Operational Transport Planning.
A4. Develop in-depth knowledge of the design of appropriate physical and informational mechanisms needed to assist people in choosing different transport modes, with an understanding of cultural, organisational and other contexts.	Acquisition of A4 is addressed through lectures, workshops and also on a field trip.	A4 Knowledge and understanding are assessed in a report within Community Engagement and the Planning Process; a reflective journal in European Planning and Transport Practice; and written reports within Operational Transport Planning; Understanding and Managing Change; and Transport Development and Viability.
A5. Develop in-depth knowledge of the ways in which legal frameworks and public engagement within the transport	Acquisition of A5 is through lectures and workshops.	A5 is assessed in a report within Community Engagement and the Planning Process; written assessments within Operational Transport

University of
Hertfordshire UH

planning process can foster change management and leadership and demonstrate an understanding of the mechanisms of stakeholder engagement.		Planning; Transport Strategy and Law; Understanding and Managing Change; Transport Development and Viability; Sustainable Energy; and a journal whilst on a residential visit to European countries in European Planning and Transport Practice; as part of a dissertation within Research Project; Advanced Research Project respectively.
A6.Understand how data can be collected and analysed to feed into the transport planning principles with regard to sustainability.	Acquisition of A6 is through lectures, tutorials and workshops.	A6 is assessed in Transport Data Collection and Analysis; Research Project; and Advanced Research Project.
For students undertaking the Sandwich pathway		
A7. Develop professional knowledge and understanding in a workplace setting dealing with transport related topics/issues.	Acquisition of A7 is through undertaking a work placement	A7 is assessed through the work placement module, using a workplace report and self-reflective essay.
For students undertaking the Advanced Research pathway		
A8. Develop knowledge and understanding through undertaking a substantial piece of in-depth individual research on a transport topic.	Acquisition of A8 is through the internship, workshops and face to face tutorials.	A8 is assessed through the internship module through a critique of methodological tools and an oral presentation and advanced research project module, using a final report viva and outline research paper.
Intellectual skills:	Teaching/learning methods & strategies	Assessment
B1 Comprehend and evaluate advances in transport planning, including awareness of emerging practices within the transport planning profession.	Acquisition of B1 begins in Transport Policy, Strategy and Law; Operational Transport Planning through lectures and workshops; students see best practice examples on the European Planning and Transport Practice field trip; and they contribute their own advances to the profession in the Research Project/Extended	(B1, B2, B3, B4) Intellectual skills are assessed through essays and professional reports.

University of Hertfordshire UH

	research project and Internship or Placement.	
B2 Debate and address ethical issues in transport planning and address the role of transport planning in issues of social equality.	Acquisition of B2 occurs through lectures and workshops in several modules.	
B3 Critically evaluate the rights of individuals and organisations proposing new developments, those affected by developments and plans, and examine how transport planners mediate between different stakeholder rights and expectations.	Acquisition of B3 is through a workshop involving a real example of a planning application in Transport Policy, Strategy and Law, and within several modules.	
B4 Acquire skills in transport plan-making that encompass local transport planning decisions and wider transport planning policy.	Acquisition of B4 is through lectures and a workshop on Transport Strategy and Law, Transport Data Collection and Analysis, Community Engagement and the Planning Process, Transport Policy and Practice; and lectures in other modules.	
Practical skills:	Teaching/learning methods & strategies	Assessment
C1 Demonstrate strategic thinking and spatial planning to formulate and propose cogent policies, strategies and courses of action in response to transport planning issues.	Acquisition of C1 occurs across a range of modules including lectures, workshops and field visits in European planning and Transport Practice and Sustainable Energy.	C1 is assessed through essays and reports and a reflective journal.
C2 Critically evaluate places and spaces in the context of sustainable development and apply spatial analysis techniques including transport planning.	Acquisition of C2 is through lectures, masterclasses and workshops in Transport Data Collection and Analysis, and through field visits and lectures in European Planning and Transport Practice and in the Research Project and Extended Research Project Transport Planning.	C2 is assessed through a reflective learning journal, written reports, a statistical modelling analysis and individual research projects.
C3 Critically evaluate the viability of transport appraisals.	Acquisition of C3 is a combination of lectures and workshops in Transport, Development and Viability and through the European field trip in	C3 is assessed through written reports.

University of
Hertfordshire UH

	European Planning and Transport Practice.	
C4 Critically apply Geographical Information Systems and other spatial analysis tools for the evaluation of datasets.	Acquisition of C4 - students are taught tools and techniques in Transport Data Collection and Analysis and the Individual Research Projects	C4 is assessed through a practical spatial analysis exercise in Transport Data Collection and Analysis and the Research Project/Extended Research Project respectively.

Transferable skills:	Teaching/learning methods & strategies	Assessment
D1 Communicate effectively, both orally and in writing, a range of ideas, and apply skills in negotiation, engagement, mediation, and advocacy.	D1 transferable skills are supported throughout the programme, including Research Methods, the Research/Extended Project Dissertation. Oral and written communication skills are developed in Study Skills and in several modules by completing a variety of assignments. Advancing students' skills in negotiation and mediation is addressed in Sustainable Energy and Community Engagement through a variety of negotiation exercises and through preparing reports in a variety of other modules.	D1. Students are assessed both orally and in written form across a range of modules
D2 Work effectively within an interdisciplinary team, integrating a sustainable approach to spatial planning with other specialist areas of expertise.	D2 is addressed in a team working project during European Planning and Transport Practice supported by teaching staff; and in a team working project with Environmental Management students during Sustainable Energy.	D2. Is assessed through an entry in the learning journal in European Planning and Transport Practice and students are marked on their negotiation performance in Sustainable Energy.
D3 Take responsibility for time management and develop an independent approach to learning encouraging initiative and self-reflection.	D3 is embedded in the programme and is taught through a combination of lectures and seminars in Research Methods; and through tutorials and self-directed research in the Dissertation. Time management, independent learning and reflection skills are developed in Study Skills, which includes the submission of a written assignment requiring independent research skills.	D3 Time management is assessed through the Research Project Transport Planning Dissertations but is an important consideration in most other assessments including Understanding and Managing Change, Study Skills and Sustainable Energy

University of
Hertfordshire UH

D4 Demonstrate professional conduct in a research or workplace environment.	D4 is acquired through engagement within the Work Placement module; internship module; Understanding and Managing Change; the Research/Extended Research Project and Study Skills.	D4 is assessed summatively in the Research/ Extended Research Projects; using a workplace report and self-reflective essay; a self-reflective essay in the Internship; written assessments in Understanding and Managing Change; assessments in Study Skills.

D. Programme Structures, Features, Levels, Modules, and Credits

The MSc Transport Planning is offered in full-time and part-time modes. The full-time mode is offered as a semester A September intake for 1 year or semester B January intake for 15 months. Part-time semester A intake is offered over 2 years. Part-time semester B is offered over two years.

The MSc Transport Planning (Sandwich) is offered full-time only as a semester A September intake for 2 years.*

The MSc Transport Planning (with Advanced Research) is offered full-time only as a semester A September intake for 2 years or semester B January intake for 2 years.

The PG Dip Transport Planning is offered full-time only as a semester A September intake for 1 year or semester B January intake for 15 months.

The PG Cert Transport Planning is offered full-time only as a semester A September intake for 1 year or semester B January intake for 1 year.

Entry is normally at Masters (7) level with an undergraduate Honours degree in a cognate discipline, with a minimum of a lower second-class award.

Professional and Statutory Regulatory Bodies

Accreditation will be sought from the Transport Planning Professional (TPP) bodies for transport planners, namely the Transport Planning Society (TPS) and the Chartered Institution of Highways and Transportation (CIHT).

Work-Based Learning, including Sandwich Programmes

An award in the Sandwich mode is made where at least 30 weeks of approved, supervised work experience is undertaken in addition to the period required for the full-time award. The MSc Transport Planning (Sandwich - 180 credits) titles include a 0-credit work placement module in semester C of the first year and semesters A and B of the second year. The structure follows the University guidelines for a sandwich degree. Students will apply for and obtain a work placement with the support of the Work Placement Module Leader and Careers and Employment Service. All students who meet the progression requirements detailed in the programme-specific assessment regulations will be eligible for the work placement, but the work placement cannot be guaranteed.

* Students have to secure their own placement with the help of the Careers Service. Those who are unsuccessful in doing so or who are not eligible to progress to the placement year because of academic failure will be transferred to another pathway (such as the Advanced Research pathway). Students on a UKVI visa who are transferred onto another pathway will not be eligible to apply for a graduate visa. The award of an MSc Transport Planning (Sandwich) requires 180 credit points passed including at least 150 at level 7 including the Research Project Transport Planning and Work Placement modules. The Research Methods module must be passed in order to undertake the Research Project Transport Planning module. Students must pass 105 credits in order to be eligible to undertake the Work Placement module.

University of
Hertfordshire UH

Programme Structure

The programme structure and progression information below (in Tables 1aa to 1ak) is provided for the awards. Any interim awards are identified in Table 1b. The Programme Learning Outcomes detailed above are developed and assessed through the constituent modules. Table 2 identifies where each learning outcome is assessed.

Outline Programme Structure

Table 1aa: MSc Transport Planning

Mode of study: Full Time

Entry point: Semester A

Compulsory Modules Module Title	Module Code	Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semesters
Transport Policy, Strategy and Law	7LMS2008	15	English	0	100	0	A
Operational Transport Planning	7LMS2007	15	English	50	0	50	AB
Placemaking and Spatial Mediation	7LFS1013	15	English	0	90	10	C
Research Methods	7LFS1029	15	English	0	100	0	AB
Study Skills	7LMS0235	0	English	0	100	0	ABC
Understanding and Managing Change	7LMS2006	15	English	0	70	30	B
Transport Data Collection and Analysis	7LMS2012	15	English	0	100	0	B
European Planning and Transport Practice	7LMS2011	15	English	0	100	0	B
Research Project - Transport Planning	7LMS2010	45	English	0	80	20	BC
Sustainable Energy	7LFS1032	15	English	0	100	0	C
Transport, Development and Viability	7LMS2009	15	English	0	100	0	C

The award of an MSc Transport Planning requires 180 credit points passed including at least 150 at level 7 including the Research Project Transport Planning module. The Research Methods module must be passed in order to undertake the Research Project Transport Planning module.

Table 1ab: MSc Transport Planning

Mode of study: Full Time

Entry point: Semester B

Year 1

Compulsory Modules Module Title	Module Code	Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semesters
Understanding and Managing Change	7LMS2006	15	English	0	70	30	B
Transport Data Collection and Analysis	7LMS2012	15	English	0	100	0	B
Research Methods	7LFS1029	15	English	0	100	0	BC
Study Skills	7LMS0235	0	English	0	100	0	BCA
Sustainable Energy	7LFS1032	15	English	0	100	0	C
Transport, Development and Viability	7LMS2009	15	English	0	100	0	C
Transport Policy, Strategy and Law	7LMS2008	15	English	0	100	0	A
Operational Transport Planning	7LMS2007	15	English	50	0	50	AB
Placemaking and Spatial Mediation	7LFS1013	15	English	0	90	10	C
Research Project - Transport Planning	7LMS2010	45	English	0	80	20	CA

University of
Hertfordshire **UH**

Year 2

Compulsory Modules Module Title	Module Code	Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semesters
European Planning and Transport Practice	7LMS2011	15	English	0	100	0	B

The award of an MSc Transport Planning requires 180 credit points passed including at least 150 at level 7 including the Research Project Transport Planning module. The Research Methods module must be passed in order to undertake the Research Project Transport Planning module.

Table 1ac: MSc Transport Planning

Mode of study: Part Time

Entry point: Semester A

Year 1

Compulsory Modules Module Title	Module Code	Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semesters
Transport Policy, Strategy and Law	7LMS2008	15	English	0	100	0	A
Research Methods	7LFS1029	15	English	0	100	0	AB
Study Skills	7LMS0235	0	English	0	100	0	ABC
Understanding and Managing Change	7LMS2006	15	English	0	70	30	B
Transport Data Collection and Analysis	7LMS2012	15	English	0	100	0	B
Sustainable Energy	7LFS1032	15	English	0	100	0	C
Transport, Development and Viability	7LMS2009	15	English	0	100	0	C

Year 2

Compulsory Modules Module Title	Module Code	Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semesters
Operational Transport Planning	7LMS2007	15	English	50	0	50	AB
Placemaking and Spatial Mediation	7LFS1013	15	English	0	90	10	C
European Planning and Transport Practice	7LMS2011	15	English	0	100	0	B
Research Project - Transport Planning	7LMS2010	45	English	0	80	20	BC

The award of an MSc Transport Planning requires 180 credit points passed including at least 150 at level 7 including the Research Project Transport Planning module. The Research Methods module must be passed in order to undertake the Research Project Transport Planning module.

University of Hertfordshire UH

Mode of study: Part Time

Entry point: Semester B

Year 1

Compulsory Modules Module Title	Module Code	Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semesters
Understanding and Managing Change	7LMS2006	15	English	0	70	30	B
Transport Data Collection and Analysis	7LMS2012	15	English	0	100	0	B
Study Skills	7LMS0235	0	English	0	100	0	BCA
Sustainable Energy	7LFS1032	15	English	0	100	0	C
Transport, Development and Viability	7LMS2009	15	English	0	100	0	C
Transport Policy, Strategy and Law	7LMS2008	15	English	0	100	0	A
Research Methods	7LFS1029	15	English	0	100	0	BC

Year 2

Compulsory Modules Module Title	Module Code	Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semesters
European Planning and Transport Practice	7LMS2011	15	English	0	100	0	B
Research Project - Transport Planning	7LMS2010	45	English	0	80	20	BC
Operational Transport Planning	7LMS2007	15	English	50	0	50	AB
Placemaking and Spatial Mediation	7LFS1013	15	English	0	90	10	C

The award of an MSc Transport Planning requires 180 credit points passed including at least 150 at level 7 including the Research Project Transport Planning module. The Research Methods module must be passed in order to undertake the Research Project Transport Planning module.

University of
Hertfordshire UH

Table 1ae: MSc Transport Planning (Sandwich)*

Mode of study: Full Time

Entry point: Semester A

Year 1

Compulsory Modules Module Title	Module Code	Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semesters
Transport Policy, Strategy and Law	7LMS2008	15	English	0	100	0	A
Operational Transport Planning	7LMS2007	15	English	50	0	50	AB
Placemaking and Spatial Mediation	7LFS1013	15	English	0	90	10	A
Research Methods	7LFS1029	15	English	0	100	0	AB
Study Skills	7LMS0235	0	English	0	100	0	ABC
Understanding and Managing Change	7LMS2006	15	English	0	70	30	B
Transport Data Collection and Analysis	7LMS2012	15	English	0	100	0	B
European Planning and Transport Practice	7LMS2011	15	English	0	100	0	B
Sustainable Energy	7LFS1032	15	English	0	100	0	C
Transport, Development and Viability	7LMS2009	15	English	0	100	0	C

Year 2

Compulsory Modules Module Title	Module Code	Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semesters
Work Placement*	7LMS2015	0	English	0	50	50	CAB
Research Project - Transport Planning	7LMS2010	45	English	0	80	20	C

The award of an MSc Transport Planning (Sandwich) requires 180 credit points passed including at least 150 at level 7 including the Research Project Transport Planning and Work Placement modules. The Research Methods module must be passed in order to undertake the Research Project Transport Planning module. Students must pass 105 credits in order to undertake the Work Placement module.

*Students have to secure their own placement with the help of the Careers Service. Those who are unsuccessful in doing so or who are not eligible to progress to the placement year because of academic failure will be transferred to another pathway. Students on a UKVI visa who are transferred onto another pathway will not be eligible to apply for a graduate visa. The award of an MSc Transport Planning (Sandwich) requires 180 credit points passed including at least 150 at level 7 including the Research Project Transport Planning and Work Placement modules. The Research Methods module must be passed in order to undertake the Research Project Transport Planning module. Students must pass 105 credits in order to be eligible to undertake the Work Placement module.

Table 1af: MSc Transport Planning (with Advanced Research)

Mode of study: Full Time

Entry point: Semester A

Year 1

Compulsory Modules Module Title	Module Code	Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semesters
Transport Policy, Strategy and Law	7LMS2008	15	English	0	100	0	A
Operational Transport Planning	7LMS2007	15	English	50	0	50	AB
Placemaking and Spatial Mediation	7LFS1013	15	English	0	90	10	C
Research Methods	7LFS1029	15	English	0	100	0	AB
Study Skills	7LMS0235	0	English	0	100	0	ABC
Understanding and Managing Change	7LMS2006	15	English	0	70	30	B
Transport Data Collection and Analysis	7LMS2012	15	English	0	100	0	B
European Planning and Transport Practice	7LMS2011	15	English	0	100	0	B
Sustainable Energy	7LFS1032	15	English	0	100	0	C
Transport, Development and Viability	7LMS2009	15	English	0	100	0	C

Year 2

Compulsory Modules Module Title	Module Code	Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semesters
Internship	7LMS2016	15	English	0	50	50	AB
Extended Research Project - Transport Planning	7LMS2014	90	English	0	90	10	BC

The award of an MSc Transport Planning (with Advanced Research) requires 240 credit points passed including at least 150 at level 7 including the Internship and Extended Research Project – Transport Planning modules. The Research Methods module must be passed in order to undertake the Extended Research Project – Transport Planning module.

University of Hertfordshire UH

Mode of study: Full Time

Entry point: Semester B

Year 1

Compulsory Modules Module Title	Module Code	Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semesters
Understanding and Managing Change	7LMS2006	15	English	0	70	30	B
Transport Data Collection and Analysis	7LMS2012	15	English	0	100	0	B
Study Skills	7LMS0235	0	English	0	100	0	BCA
Sustainable Energy	7LFS1032	15	English	0	100	0	C
Transport, Development and Viability	7LMS2009	15	English	0	100	0	C
Transport Policy, Strategy and Law	7LMS2008	15	English	0	100	0	A
Operational Transport Planning	7LMS2007	15	English	50	0	50	AB
Placemaking and Spatial Mediation	7LFS1013	15	English	0	90	10	C
Research Methods	7LFS1029	15	English	0	100	0	BC

Year 2

Compulsory Modules Module Title	Module Code	Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semesters
European Planning and Transport Practice	7LMS2011	15	English	0	100	0	B
Internship	7LMS2016	15	English	0	50	50	BC
Extended Research Project - Transport Planning	7LMS2014	90	English	0	90	10	CA

The award of an MSc Transport Planning (with Advanced Research) requires 240 credit points passed including at least 150 at level 7 including the Internship and Extended Research Project – Transport Planning modules. The Research Methods module must be passed in order to undertake the Extended Research Project – Transport Planning module.

Mode of study: Full Time

Entry point: Semester A

Compulsory Modules Module Title	Module Code	Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semesters
Transport Policy, Strategy and Law	7LMS2008	15	English	0	100	0	A
Operational Transport Planning	7LMS2007	15	English	50	0	50	AB
Placemaking and Spatial Mediation	7LFS1013	15	English	0	90	10	C
Study Skills	7LMS0235	0	English	0	100	0	ABC
Understanding and Managing Change	7LMS2006	15	English	0	70	30	B
Transport Data Collection and Analysis	7LMS2012	15	English	0	100	0	B
European Planning and Transport Practice	7LMS2011	15	English	0	100	0	B
Sustainable Energy	7LFS1032	15	English	0	100	0	C
Transport, Development and Viability	7LMS2009	15	English	0	100	0	C

The award of a Postgraduate Diploma Transport Planning requires 120 credit points passed, including at least 90 at level 7.

Table 1ai: Postgraduate Diploma Transport Planning

Mode of study: Full Time

Entry point: Semester B

Year 1

Compulsory Modules Module Title	Module Code	Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semesters
Understanding and Managing Change	7LMS2006	15	English	0	70	30	B
Transport Data Collection and Analysis	7LMS2012	15	English	0	100	0	B
Study Skills	7LMS0235	0	English	0	100	0	BCA
Sustainable Energy	7LFS1032	15	English	0	100	0	C
Transport, Development and Viability	7LMS2009	15	English	0	100	0	C
Transport Policy, Strategy and Law	7LMS2008	15	English	0	100	0	A
Operational Transport Planning	7LMS2007	15	English	50	0	50	AB
Placemaking and Spatial Mediation	7LFS1013	15	English	0	90	10	C

University of
Hertfordshire UH

Year 2

Compulsory Modules Module Title	Module Code	Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semesters
European Planning and Transport Practice	7LMS2011	15	English	0	100	0	B

The award of a Postgraduate Diploma Transport Planning requires 120 credit points passed, including at least 90 at level 7.

Table 1aj: Postgraduate Certificate Transport Planning

Mode of study: Full Time

Entry point: Semester A

Compulsory Modules Module Title	Module Code	Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semesters
Transport Policy, Strategy and Law	7LMS2008	15	English	0	100	0	A
Placemaking and Spatial Mediation	7LFS1013	15	English	0	90	10	C
Study Skills	7LMS0235	0	English	0	100	0	ABC
Transport Data Collection and Analysis	7LMS2012	15	English	0	100	0	B
Transport, Development and Viability	7LMS2009	15	English	0	100	0	C

The award of a Postgraduate Certificate Transport Planning requires 60 credit points passed, including at least 45 at level 7.

Table 1ak: Postgraduate Certificate Transport Planning

Mode of study: Full Time

Entry point: Semester B

Compulsory Modules Module Title	Module Code	Credit Points	Language of Delivery	% Examination	% Coursework	% Practical	Semesters
Transport Data Collection and Analysis	7LMS2012	15	English	0	100	0	B
Study Skills	7LMS0235	0	English	0	100	0	BCA
Transport, Development and Viability	7LMS2009	15	English	0	100	0	C
Transport Policy, Strategy and Law	7LMS2008	15	English	0	100	0	A
Placemaking and Spatial Mediation	7LFS1013	15	English	0	90	10	A

The award of a Postgraduate Certificate Transport Planning requires 60 credit points passed, including at least 45 at level 7.

University of Hertfordshire UH

The programme provides the following final and interim awards:

Final Award	Award Title	Minimum requirements	Available at end of (normally):	Programme Learning Outcomes developed (see above)
Masters	Transport Planning	180 credit points including at least 150 at level 7 including the Transport Planning Dissertation 45	3-4 semesters full time 6 semesters part time	A1, A2, A3, A4, A5, A6, B1, B2, B3, B4, C1, C2, C3, C4, D1, D2, D3, D4
Masters	Transport Planning (Sandwich)	180 credit points including at least 150 at level 7 including the Research Project Transport Planning Dissertation 45 and the 0-credit Sandwich Placement	6 semesters full time	A1, A2, A3, A4, A5, A6, A7, B1, B2, B3, B4, C1, C2, C3, C4, D1, D2, D3, D4
Masters	Transport Planning (with Advanced Research)	240 credit points including at least 150 at level 7 including Internship 15, and the Extended Research Project - Transport Planning 90	6 semesters full time	A1, A2, A3, A4, A5, A6, A8, B1, B2, B3, B4, C1, C2, C3, C4, D1, D2, D3, D4
Postgraduate Diploma	Transport Planning	120 credit points, including at least 90 at level 7	3 semesters	A1, A2, A3, A4, A5, B1, B2, B3, B4, C1, C2, C3, C4, D1, D2, D3, D4
Postgraduate Certificate	Transport Planning	60 credit points, including at least 45 at level 7	3 semesters	A1, A2, A3, A4, A5, B1, B2, B3, B4, C1, C2, C4, D1, D2, D3, D4

Masters and Diploma awards can be made "with Distinction" or "with Commendation" where criteria as described in UPR AS14, Section D are met.

University of Hertfordshire UH

Programme-specific assessment regulations

The programme is compliant with the University's academic regulations (in particular, UPR AS11, UPR AS12/UPR AS13 and UPR AS14) with the exception of those listed below, which have been specifically approved by the University:

Course Code	Award Title	Modules (child instance codes and Title)	Must be included in Award degree algorithm
LMTPM	MSc Transport Planning	[7LMS2010] Research Project Transport Planning	*Yes*
LMTPARM	MSc Transport Planning (with Advanced Research)	[7LMS2014] Extended Research Project - Transport Planning	*Yes*
LMTPM	MSc Transport Planning (Sandwich)	[7LMS2010] Research Project Transport Planning	*Yes*

Further points of clarification and interpretation relevant to this specific programme are given below:

- All students must enrol on the Study Skills module [7LMS0235] in their first semester.
- Research Methods [7LFS1029] is a prerequisite for the Research Project Transport Planning [7LMS2010] or Extended Research Project Transport Planning [7LMS2014] module.
- The award of an MSc Transport Planning requires 180 credit points passed including at least 150 at level 7 including the Research Project Transport Planning [7LMS2010] module.
- In order to undertake the Work Placement [7LMS2015] on the MSc Transport Planning (Sandwich) pathway, 105 credits must be passed as a prerequisite.
- Students on the MSc Transport Planning (Sandwich) who fail to achieve sufficient credits to undertake the Work Placement [7LMS2015] are eligible to transfer onto the MSc Transport Planning or MSc Transport Planning (with Advanced Research) pathways.
- The award of an MSc Transport Planning (Sandwich) requires 180 credit points passed including at least 150 at level 7 including the Research Project Transport Planning [7LMS2010] and Work Placement [7LMS2015] modules.
- Students on the MSc Transport Planning (with Advanced Research) who fail to undertake the Internship [7LMS2016] are eligible to transfer onto the MSc Transport Planning pathway.
- The award of an MSc Transport Planning (with Advanced Research) requires 240 credit points passed including at least 150 at level 7 including the Internship [7LMS2016] and Extended Research Project – Transport Planning [7LMS2014] modules.

E. Management of Programme & Support for student learning

Management

The programme is managed and administered through:

- Dean of School
- An Associate Dean of School (Academic Quality)
- A Head of Department
- A Head of Subject Group
- A programme leader who is responsible for the day-to-day programme management.
- An admissions tutor with specific responsibility for recruitment and selection.
- A central administrative service to deal with the day-to-day administration of the programme.
- Module Leaders who are responsible for individual modules.
- A programme committee, the membership of which includes staff and student representatives.

University of Hertfordshire UH

Support

Students are supported by:

- A programme leader
- A personal tutor to provide academic and pastoral support
- A dissertation supervisor
- A placement supervisor/research (for those on the placement/advanced research pathway)
- Student representatives on the programme committee
- Induction sessions at the start of the taught programme
- A GIS laboratory
- Overseas Orientation
- Access to the collection of digital and print information resources
- The modern study environment in the Learning Resource Centres.
- A Student Centre where students can get advice on issues including finance, University regulations, legal matters, accommodation, international students support etc.
- Office of Dean of Students including the Chaplaincy, Counselling and Nursery
- The Medical Centre
- University Disability Advisor
- The Students Union
- GEPSoc (Geography, Environment and Planning Student Society)
- Supporting learning materials on Canvas module sites
- A Careers and Placements service for all current students and graduates
- A University bus service
- LMS Academic Support Unit (ASU)

_____

F. Other sources of information

In addition to this Programme Specification, the University publishes guidance to registered students on the programme and its constituent modules:

- A Programme (or Student) Handbook
- A Definitive Module Document (DMD) for each constituent module
- A Module Guide for each constituent module
- University of Hertfordshire Course website: http://www.herts.ac.uk/courses/
- Frameworks for Higher Education Qualifications of UK Degree-Awarding Bodies (2014): The Frameworks for Higher Education Qualifications of UK Degree-Awarding Bodies
- SEEC Credit Level Descriptors for Further and Higher Education (2016): http://www.seec.org.uk/wp-content/uploads/2016/07/SEEC-descriptors-2016.pdf
- External Quality Review report website: http://www.qaa.ac.uk/reviews/reports/instReports.asp?ukprn=10007147
- UNISTATS website: http://www.unistats.com/
- University of Hertfordshire Academic Quality Office
- Structure & Assessment Regulations - Undergraduate & Taught Postgraduate Programmes, UPR AS14: http://sitem.herts.ac.uk/secreg/upr/AS14.htm
- Learning and Teaching Policy and Graduate Attributes, UPR TL03: http://sitem.herts.ac.uk/secreg/upr/TL03.htm
- Admissions - Undergraduate & Taught Postgraduate Students, UPR SA03: http://sitem.herts.ac.uk/secreg/upr/SA03.htm
- Academic Quality, UPR AS17: http://sitem.herts.ac.uk/secreg/upr/AS17.htm
- Index of UPRs for students: http://sitem.herts.ac.uk/secreg/upr_azlist_info.htm

University of Hertfordshire UH

- Information on Programme and Module External Examiners: http://www.studynet1.herts.ac.uk/ptl/common/studentcentre.nsf/Teaching+Documents/184A221E5EECA6B780257A5C00250BA9?OpenDocument

The Ask Herts website provides information on a wide range of resources and services available at the University of Hertfordshire including academic support, accommodation, fees, funding, visas, wellbeing services and student societies.

As a condition of registration, all students of the University of Hertfordshire are required to comply with the University's rules, regulations and procedures. These are published in a series of documents called 'University Policies and Regulations' (UPRs). The University requires that all students consult these documents which are available on-line, on the UPR web site, at: http://www.herts.ac.uk/secreg/upr/. In particular, UPR SA07 'Regulations and Advice for Students' Particular Attention - Index' provides information on the UPRs that contain the academic regulations of particular relevance for undergraduate and taught postgraduate students.

In accordance with section 4(5) of the Higher Education and Research Act 2017 (HERA), the UK Office for Students (OfS) has registered the University of Hertfordshire in the register of English higher education providers. The Register can be viewed at: https://www.officeforstudents.org.uk/advice-and-guidance/the-register/the-ofs-register/. Furthermore, the OfS has judged that the University of Hertfordshire delivers consistently outstanding teaching, learning and outcomes for its students. It is of the highest quality found in the UK. Consequently, the University received a Gold award in the 2018 Teaching Excellence and Student Outcomes (TEF) exercise. This award was made in June 2018 and is valid for up to 3 years. The TEF panel's report and conclusions can be accessed at:

https://www.officeforstudents.org.uk/advice-and-guidance/teaching/tef-outcomes/#/provider/10007147

G. Entry requirements

The normal entry requirements for the programme are:

An Honours degree in a cognate discipline, for instance geography, normally with a minimum classification of second-class (2.2) or higher. Graduates with an Honours degree in any discipline who have otherwise demonstrated potential to succeed at postgraduate level will be considered for admission.

All international students are required to demonstrate English Language capability of IELTs 6.5 or equivalent English language qualification.

For current entry tariff point requirements, please refer to the relevant page for the Course on the University website or on the online prospectus.

The programme is subject to the University's Principles, Policies and Regulations for the Admission of Students to Undergraduate and Taught Postgraduate Programmes (in UPR SA03), along with associated procedures. These will take account of University policy and guidelines for assessing accredited prior certificated learning (APCL) and accredited prior experiential learning (APEL).

If you would like this information in an alternative format, please contact:

The Programme Lead

If you wish to receive a copy of the latest Programme Annual Monitoring and Evaluation Report (AMER) and/or the External Examiner's Report for the programme, please email a request to aqo@herts.ac.uk

University of Hertfordshire UH

Table 2: Development of Intended Programme Learning Outcomes in the Constituent Modules

This map identifies where the programme learning outcomes are assessed in the constituent modules. It provides (i) an aid to academic staff in understanding how individual modules contribute to the programme aims (ii) a checklist for quality control purposes and (iii) a means to help students monitor their own learning, personal and professional development as the programme progresses.

MSc Transport Planning

Module Title	Module Code	A1	A2	A3	A4	A5	A6	A7	A8	B1	B2	B3	B4	C1	C2	C3	C4	D1	D2	D3	D4
		Knowledge & Understanding								Intellectual Skills				Practical Skills				Transferable Skills			
Transport Policy, Strategy and Law	7LMS2008	×	×			×				×	×	×	×	×				×			
Operational Transport Planning	7LMS2007			×	×	×				×	×	×		×				×			
Community Engagement and the Planning Process	7LMS2013		×		×	×						×	×					×	×		
Research Methods	7LFS1029																	×	×	×	
Study Skills	7LMS2035																	×	×	×	×
Understanding and Managing Change	7LMS2006				×	×					×	×						×	×	×	×
Transport Data Collection and Analysis	7LMS2012			×								×	×	×	×		×	×			
European Planning and Transport Practice	7LMS2011	×	×	×	×	×				×	×	×	×	×	×	×		×	×	×	
Research Project Transport Planning	7LMS2010				×	×				×		×	×	×	×	×	×	×	×	×	×
Sustainable Energy	7LFS1032	×	×			×					×			×				×	×	×	
Transport, Development and Viability	7LMS2009		×	×	×	×								×	×		×				

University of Hertfordshire UH

MSc Transport Planning (Sandwich)

Module Title	Module Code	A1	A2	A3	A4	A5	A6	A7	A8	B1	B2	B3	B4	C1	C2	C3	C4	D1	D2	D3	D4
Transport Policy, Strategy and Law	7LMS2008	×	×			×				×	×	×	×	×				×			
Operational Transport Planning	7LMS2007			×	×	×				×	×	×		×				×			
Community Engagement and the Planning Process	7LMS2013		×		×	×						×	×					×	×		
Research Methods	7LFS1029																	×	×	×	
Study Skills	7LMS0235																	×	×	×	×
Understanding and Managing Change	7LMS2006			×	×						×	×						×	×	×	×
Transport Data Collection and Analysis	7LMS2012			×			×					×	×	×	×		×	×			
European Planning and Transport Practice	7LMS2011	×	×	×	×	×				×	×	×	×	×	×	×		×	×	×	
Research Project Transport Planning	7LMS2010				×	×				×		×	×	×	×	×	×	×	×	×	×
Sustainable Energy	7LFS1032	×	×			×					×			×				×	×	×	
Transport, Development and Viability	7LMS2009		×	×	×	×							×	×		×					
Work Placement	7LMS2015							×		×	×		×					×	×	×	×

University of
Hertfordshire UH

MSc Transport Planning (with Advanced Research)

Module Title	Module Code	A1	A2	A3	A4	A5	A6	A7	A8	B1	B2	B3	B4	C1	C2	C3	C4	D1	D2	D3	D4
Transport Policy, Strategy and Law	7LMS2008	×	×			×				×	×	×	×	×				×			
Operational Transport Planning	7LMS2007			×	×	×				×	×	×		×				×			
Community Engagement and the Planning Process	7LMS2013		×		×	×						×	×					×	×		
Research Methods	7LFS1029																	×	×	×	
Study Skills	7LMS0235																	×	×	×	×
Understanding and Managing Change	7LMS2006				×	×					×	×						×	×	×	×
Transport Data Collection and Analysis	7LMS2012			×			×					×	×	×	×		×	×			
European Planning and Transport Practice	7LMS2011	×	×	×	×	×				×	×	×	×	×	×	×		×	×	×	
Sustainable Energy	7LFS1032	×	×			×					×			×				×	×	×	
Transport, Development and Viability	7LMS2009		×	×	×	×						×	×			×					
Internship	7LMS2016								×	×	×			×				×	×	×	×
Extended Research Project Transport Planning	7LMS2014					×	×		×	×		×	×	×	×	×	×	×	×	×	×

University of Hertfordshire UH

Postgraduate Diploma – Transport Planning

Module Title	Module Code	A1	A2	A3	A4	A5	A6	A7	A8	B1	B2	B3	B4	C1	C2	C3	C4	D1	D2	D3	D4
Transport Policy, Strategy and Law	7LMS2008	×	×			×				×	×	×	×	×					×		
Operational Transport Planning	7LMS2007			×	×	×				×	×	×		×					×		
Community Engagement and the Planning Process	7LMS2013		×		×	×						×	×					×	×		
Study Skills	7LMS0235																	×	×	×	×
Understanding and Managing Change	7LMS2006				×	×					×	×						×	×	×	×
Transport Data Collection and Analysis	7LMS2012			×								×	×	×	×		×	×			
European Planning and Transport Practice	7LMS2011	×	×	×	×	×				×	×	×	×	×	×	×		×	×	×	
Sustainable Energy	7LFS1032	×	×			×					×			×				×	×	×	
Transport, Development and Viability	7LMS2009		×	×	×	×								×	×		×				

University of
Hertfordshire UH

Postgraduate Certificate – Transport Planning

Module Title	Module Code	A1	A2	A3	A4	A5	A6	A7	A8	B1	B2	B3	B4	C1	C2	C3	C4	D1	D2	D3	D4
Transport Policy, Strategy and Law	7LMS2008	×	×			×				×	×	×	×	×					×		
Community Engagement and the Planning Process	7LMS2013		×		×	×						×	×					×	×		
Study Skills	7LMS0235																	×	×	×	×
Transport Data Collection and Analysis	7LMS2012			×								×	×	×	×		×	×			
Sustainable Energy	7LFS1032	×	×			×					×			×				×	×	×	

University of Hertfordshire UH

KEY TO PROGRAMME LEARNING OUTCOMES

Knowledge and Understanding

A1. Develop an in-depth understanding and knowledge of the key transport planning concepts and the impact of transport policy interventions on mobility patterns and energy demand within the context of sustainability.

A2. Develop an in-depth understanding and knowledge of the political, organisational and legislative background to the provision of transport systems in the UK and how systems may differ in other countries.

A3 Develop an in-depth understanding and knowledge of the roles and aims of transport planners in a range of different organisations to achieve change in travel behaviour, including financing and legislative limitations.

A4. Develop in-depth knowledge of the design of appropriate physical and informational mechanisms needed to assist people in choosing different transport modes, with an understanding of cultural, organisational and other contexts.

A5. Develop in-depth knowledge of the ways in which legal frameworks and public engagement within the transport planning process can foster change management, leadership and demonstrate an understanding of the mechanisms of stakeholder engagement.

A6. Understand how data can be collected and analysed to feed into the transport planning principles with regard to sustainability.

A7. Develop professional knowledge and understanding in a workplace setting dealing with transport related topics/issues.

Practical Skills

C1 Demonstrate strategic thinking and spatial planning to formulate and propose cogent policies, strategies and courses of action in response to transport planning issues.

C2 Critically evaluate places and spaces in the context of sustainable development and apply spatial analysis techniques including transport planning.

C3 Critically evaluate the viability of transport appraisals.

C4 Critically apply Geographical Information Systems and other spatial analysis tools for the evaluation of datasets. .

University of Hertfordshire UH

A8. Develop knowledge and understanding through undertaking a substantial piece of in-depth individual research on a transport topic.

Intellectual Skills

B1 Comprehend and evaluate advances in transport planning including awareness of emerging practices within the transport planning profession.

B2 Debate and address ethical issues in transport planning and address the role of transport planning in issues of social equality.

B3 Critically evaluate the rights of individuals and organisations proposing new developments, those affected by developments and plans, and examine how transport planners mediate between different stakeholder rights and expectations.

B4 Acquire skills in transport plan-making that encompass local transport planning decisions and wider transport planning policy.

Transferable Skills

D1. Communicate effectively, both orally and in writing, a range of ideas, and apply skills in negotiation, engagement, mediation, and advocacy.

D2 Work effectively within an interdisciplinary team, integrating a sustainable approach to spatial planning with other specialist areas of expertise.

D3 Take responsibility for time management and develop an independent approach to learning encouraging initiative and self-reflection.

D4 Demonstrate professional conduct in a research or workplace environment

University of Hertfordshire **UH**

Section 2

Programme management

Relevant QAA subject benchmarking statements   No postgraduate benchmark for transport planning has been produced
Type of programme   Taught postgraduate
Date of validation/last periodic review   November 20
Date of production/ last revision of PS   May 2021
Relevant to level/cohort   Level 7 entering September 2021
Administrative School   School of Life and Medical Sciences

Table 3 Course structure

Course details		
Course code	Course description	HECOS
LMTPPGC LMTPPGD LMTPM LMTPM LMTPARM	Postgraduate Certificate Transport Planning Postgraduate Diploma Transport Planning MSc Transport Planning MSc Transport Planning (Sandwich) MSc Transport Planning (with Advanced Research)	HECoS Code: 100232

University of
Hertfordshire UH