

Title of Programme: MSc Transport Planning

Programme Code: LMTP

# Programme Specification

This programme specification is relevant to students entering:  
23 September 2024

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.

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## Summary of amendments to the programme

Date	Section	Amendment
28.06.24	D Table 1a	Table 1a Semester A Full Time module assessments correct but subsequent tables needed modules 7LMS2008, 7LMS2012, 7LMS2095 assessments amended to match the published DMDs.
01.11.24	D Table 1a, Table 2 and Table 3	Module 7LMS2015 0 credits replaced by 7LMS2130 60 credits

If you have any queries regarding the changes please email [AQO@herts.ac.uk](mailto: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

<b>Awarding Institution/Body</b>	University of Hertfordshire
<b>Teaching Institution</b>	University of Hertfordshire
<b>University/partner campuses</b>	Hatfield College Lane
<b>Programme accredited by</b>	Not applicable
<b>Final Award (Qualification)</b>	MSc
<b>All Final Award titles</b>	MSc Transport Planning
<b>(Qualification and Subject)</b>	MSc Transport Planning (Sandwich) MSc Transport Planning with Advanced Research
<b>FHEQ level of award</b>	7

### A. Programme Rationale

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

There is much 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.

Poor air quality and wider social exclusion problems caused by motor vehicles affect many communities. Travel by private vehicles in congested towns and cities is increasingly difficult and poor public transport offerings or poorly linked transport connectivity can lead to exclusions from facilities, infrastructure and employment opportunities. These challenges have led to demands for change from local communities, regional bodies, academics and transport planning professionals and are increasingly being reflected by central and local government through introducing transport policies and funding for transport programmes. They are also rethinking how transport is delivered to include projects focused specifically on achieving low or zero carbon and connected, intelligent transport networks. The need to radically improve walking and cycling facilities, for health and access, 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 all 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.

The MSc Transport Planning programme provides students with the skills they need in order to meet contemporary sustainability challenges in transport planning. The course offers students opportunities to gain valuable skills that make them highly employable and allows them to contribute to a much needed and fast changing professional area. The course provides graduates with excellent opportunities in transport planning and other related careers.

In addition to the MSc Transport Planning pathway, two further specific programmes are offered:

The **MSc Transport Planning (Sandwich)** is a two-year programme. The Work Placement is aimed at those wishing to develop a professional career helping to build practical experience. It will provide students with the opportunity to expand, develop and apply the knowledge, understanding and skills from the taught modules in a professional work-based situation. The employer will appoint a work-place supervisor, and the student will also have a University supervisor. Students will develop a poster or online equivalent critically analysing a transport related topic that they have been involved in during their placement with recommendations made along with a Reflective Placement Report on their experience and professional skills gained through their placement.

The **MSc Transport Planning with Advanced Research** is a two-year programme offering the opportunity of an Internship with the Smart Mobility Unit, aimed at students who have an interest in research and may be considering a research-based career or PhD. The internship will provide students with the opportunity to appraise and apply the knowledge, understanding and skills from in the taught modules in a research-based situation (the University's SMU). Students will be allocated an internship supervisor and will write a systematic literature review on a transport-related research topic. They will also submit a reflective essay on their experience alongside producing an appropriate methodological tool.

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## B. Educational Aims of the Programme

### Diversity and Inclusion

Our programmes are purposefully designed to enable all students to engage meaningfully with the curriculum by being accessible and representative. We will support students to shape their learning experience, removing barriers and enabling them to succeed. The curriculum explicitly includes multiple and representative perspectives, valuing collective identities and individual diversity. Learning, teaching and assessment activities help students to understand how they can enhance outcomes both for themselves and for others. All students belong to a learning community, and during their studies we really want to hear their voices, encourage them to listen to others, and express themselves.

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:

- Provide students with the knowledge and understanding to equip them for a career in transport planning
- Provide education and training that is accredited by the Transport Planning Society Professional Standards Committee as meeting the educational requirements for the Transport Planning Professional (TPP) qualification

### Graduate Attributes

Our graduates will be capable and professional, creative and enterprising, and will build their social and global awareness throughout. In addition to their subject expertise and proficiency, as a University of Hertfordshire graduate, they will be:

- Professionally focused
- Globally minded
- Sustainability driven
- Digitally capable and confident
- Inclusive and collaborative
- Evidence based and ethical

## 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 (2021) 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 knowledge and understanding is through A1-A5 lectures, small group discussions, workshops and through individual research. Additional support is provided through Academic Support Unit workshops, 1:1's and drop-in sessions and module tutorials.	A1 Knowledge and understanding are assessed through professional reports, in Sustainable Energy; and essays in Transport Strategy and Law; Comparative Planning and Transport Practice; and in the Research/Extended Project Transport Planning Dissertation and presentation.
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. Throughout, the learner is encouraged to undertake independent study both to supplement and consolidate what is being taught/learned and to broaden their individual knowledge and understanding of the subject.	A2 is assessed through professional reports and essays Transport Policy, Strategy and Law; Community Engagement and the Planning Process; Comparative 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 is assessed through a reflective journal in Comparative 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 Comparative Planning and Transport Practice; and written reports within Operational Transport

A5- Develop in-depth knowledge of the ways in which legal frameworks and public engagement within the transport planning process can foster change management and leadership and demonstrate an understanding of the mechanisms of stakeholder engagement.	Acquisition of A5 is through lectures and workshops.	Planning; Understanding and Managing Change; and Transport Development and Viability.  A5 is assessed in a report within Community Engagement and the Planning Process; written assessments within Operational Transport Planning; Transport Strategy and Law; Understanding and Managing Change; Transport Development and Viability; Sustainable Energy; and a journal whilst on a residential visit in Comparative Planning and Transport Practice; as part of a dissertation within Research Project; Extended 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 Research Methods, Transport Data Collection and Analysis; Research Project; and Extended Research Project.
<b>For students undertaking the Sandwich pathway</b>		
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.
<b>For students undertaking the Advanced Research pathway</b>		
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 Extended 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	Intellectual skills are developed through: Acquisition of B1 begins	(B1, B2, B3, B4) Intellectual skills are assessed through

transport planning, including awareness of emerging practices within the transport planning profession.	in Transport Policy, Strategy and Law; Operational Transport Planning through lectures and workshops; students see best practice examples on the Comparative Planning and Transport Practice field trip; and they contribute their own advances to the profession in the Research Project/Extended research project and Internship or Placement. Throughout, the learner is encouraged to develop intellectual skills further by independent study.	essays and professional reports.
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 Comparative 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	Acquisition of C2 is through lectures, masterclasses and workshops in Transport Data	C2 is assessed through a reflective learning journal, written reports, a statistical

context of sustainable development and apply spatial analysis techniques including transport planning.	Collection and Analysis, and through field visits and lectures in Comparative Planning and Transport Practice and in the Research Project and Extended Research Project Transport Planning.	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 field trip in Comparative Planning and Transport Practice.	C3 is assessed through written reports.
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 Research Methods, Transport Data Collection and Analysis and the Individual Research Projects.	C4 is assessed through a practical spatial analysis exercise in Research Methods, 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 Comparative 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 Comparative 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	D3 is embedded in the programme and is taught through a combination of lectures and seminars in	D3 Time management is assessed through the Research Project Transport Planning Dissertations but

encouraging initiative and self-reflection.	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.	is an important consideration in most other assessments including Understanding and Managing Change, Study Skills and Sustainable Energy.
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 programme is offered in full-time and part-time modes. The full-time mode is offered as a semester A September intake for one year or semester B January intake for one year. 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 two years.\*

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

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

### Professional and Statutory Regulatory Bodies

This course is approved by the TPP Professional Standards Committee as meeting the educational requirements for the Transport Planning Professional qualification of the Transport Planning Society (TPS).

### Work-Based Learning, including Sandwich Programmes

An award in the Sandwich mode is made where a 60-credit *Work Placement* module comprising at least 30 weeks of approved, supervised work experience is undertaken in addition to the 180 credits required for the one-year full-time award. This is included in semesters A and B of the second year. 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 and Employment 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 240 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.



## 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.

Table 1a: MSc Transport Planning

**Mode of study** Full Time

**Entry point** Semester A

Module Title	Module Code	Credit Points	% Test	% Examination	% Coursework	% Practical	Semesters
<b>Compulsory Modules</b>							
Transport Policy, Strategy and Law	7LMS2008	15	0	0	60	40	A
Operational Transport Planning	7LMS2007	15	50	0	0	50	A
Community Engagement and the Planning Process	7LMS2044	15	0	0	75	25	A
Research Methods	7LFS1029	15	0	0	100	0	AB
Study Skills	7LMS2095	0	0	0	P/F	0	AB
Understanding and Managing Change	7LMS2094	15	0	0	70	30	B
Transport Data Collection and Analysis	7LMS2012	15	0	0	50	50	B
Comparative Planning and Transport Practice	7LMS2076	15	0	0	100	0	C
Research Project Transport Planning	7LMS2010	45	0	0	80	20	BC
Sustainable Energy	7LMS2086	15	0	0	100	0	C
Transport, Development and Viability	7LMS2009	15	0	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

Module Title	Module Code	Credit Points	% Test	% Examination	% Coursework	% Practical	Semesters
<b>Compulsory Modules</b>							
Understanding and Managing Change	7LMS2094	15	0	0	70	30	B
Transport Data Collection and Analysis	7LMS2012	15	0	0	50	50	B
Research Methods	7LFS1029	15	0	0	100	0	BC
Study Skills	7LMS2095	0	0	0	P/F	0	BC
Comparative Planning and Transport Practice	7LMS2076	15	0	0	100	0	C
Sustainable Energy	7LMS2086	15	0	0	100	0	C
Transport, Development and Viability	7LMS2009	15	0	0	100	0	C
Transport Policy, Strategy and Law	7LMS2008	15	0	0	60	40	A
Operational Transport Planning	7LMS2007	15	50	0	0	50	A

Community Engagement and the Planning Process	7LMS2044	15	0	0	75	25	A
Research Project Transport Planning	7LMS2010	45	0	0	80	20	CA

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	% Test	% Examination	% Coursework	% Practical	Semesters
Transport Policy, Strategy and Law	7LMS2008	15	0	0	60	40	A
Research Methods	7LFS1029	15	0	0	100	0	AB
Study Skills	7LMS2095	0	0	0	P/F	0	AB
Understanding and Managing Change	7LMS2094	15	0	0	70	30	B
Transport Data Collection and Analysis	7LMS2012	15	0	0	50	50	B
Sustainable Energy	7LMS2086	15	0	0	100	0	C
Transport, Development and Viability	7LMS2009	15	0	0	100	0	C

#### Year 2

Compulsory Modules Module Title	Module Code	Credit Points	% Test	% Examination	% Coursework	% Practical	Semesters
Operational Transport Planning	7LMS2007	15	50	0	0	50	A
Community Engagement and the Planning Process	7LMS2044	15	0	0	75	25	A
Research Project Transport Planning	7LMS2010	45	0	0	80	20	BC
Comparative Planning and Transport Practice	7LMS2076	15	0	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 1ad: MSc Transport Planning

**Mode of study:** Part Time

**Entry point:** Semester B

#### Year 1

<b>Compulsory Modules</b> Module Title	Module Code	Credit Points	% Test	% Examination	% Coursework	% Practical	Semesters
Understanding and Managing Change	7LMS2094	15	0	0	70	30	B
Transport Data Collection and Analysis	7LMS2012	15	0	0	50	50	B
Study Skills	7LMS2095	0	0	0	P/F	0	BC
Research Methods	7LFS1029	15	0	0	100	0	BC
Sustainable Energy	7LMS2086	15	0	0	100	0	C
Transport, Development and Viability	7LMS2009	15	0	0	100	0	C
Transport Policy, Strategy and Law	7LMS2008	15	0	0	60	40	A

## Year 2

<b>Compulsory Modules</b> Module Title	Module Code	Credit Points	% Test	% Examination	% Coursework	% Practical	Semesters
Research Project Transport Planning	7LMS2010	45	0	0	80	20	BC
Comparative Planning and Transport Practice	7LMS2076	15	0	0	100	0	C
Operational Transport Planning	7LMS2007	15	50	0	0	50	A
Community Engagement and the Planning Process	7LMS2044	15	0	0	75	25	A

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 1ae: MSc Transport Planning (Sandwich)

**Mode of study:** Full Time

**Entry point:** Semester A

## Year 1

<b>Compulsory Modules</b> Module Title	Module Code	Credit Points	% Test	% Examination	% Coursework	% Practical	Semesters
Transport Policy, Strategy and Law	7LMS2008	15	0	0	60	40	A
Operational Transport Planning	7LMS2007	15	50	0	0	50	A
Community Engagement and the Planning Process	7LMS2044	15	0	0	75	25	A
Research Methods	7LFS1029	15	0	0	100	0	AB
Study Skills	7LMS2095	0	0	0	P/F	0	AB
Understanding and Managing Change	7LMS2094	15	0	0	70	30	B
Transport Data Collection and Analysis	7LMS2012	15	0	0	50	50	B
Comparative Planning and Transport Practice	7LMS2076	15	0	0	100	0	C

Sustainable Energy	7LMS2086	15	0	0	100	0	C
Transport, Development and Viability	7LMS2009	15	0	0	100	0	C

## Year 2

	Module Code	Credit Points	% Test	% Examination	% Coursework	% Practical	Semesters
<b>Compulsory Modules</b>							
Module Title							
Work Placement*	7LMS2130	60	0	0	P/F	P/F	AB
Research Project Transport Planning	7LMS2010	45	0	0	80	20	BC

The award of an MSc Transport Planning (Sandwich) requires 240 credit points passed including at least 210 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 and Employment 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 the MSc Transport Planning with Advanced Research pathway. In exceptional circumstances, students may, with the agreement of the Programme Leader, be transferred onto the MSc Transport Planning pathway. Students on a UKVI visa who are transferred onto this pathway will not be eligible to apply for a graduate visa.

Table 1af: MSc Transport Planning with Advanced Research

**Mode of study:** Full Time

**Entry point:** Semester A

## Year 1

	Module Code	Credit Points	% Test	% Examination	% Coursework	% Practical	Semesters
<b>Compulsory Modules</b>							
Module Title							
Transport Policy, Strategy and Law	7LMS2008	15	0	0	60	40	A
Operational Transport Planning	7LMS2007	15	50	0	0	50	A
Community Engagement and the Planning Process	7LMS2044	15	0	0	75	25	A
Research Methods	7LFS1029	15	0	0	100	0	AB
Study Skills	7LMS2095	0	0	0	P/F	0	AB
Understanding and Managing Change	7LMS2094	15	0	0	70	30	B
Transport Data Collection and Analysis	7LMS2012	15	0	0	50	50	B
Comparative Planning and Transport Practice	7LMS2076	15	0	0	100	0	C
Sustainable Energy	7LMS2086	15	0	0	100	0	C
Transport, Development and Viability	7LMS2009	15	0	0	100	0	C

## Year 2

<b>Compulsory Modules</b> Module Title	Module Code	Credit Points	% Test	% Examination	% Coursework	% Practical	Semesters
Internship	7LMS2016	15	0	0	50	50	AB
Extended Research Project - Transport Planning	7LMS2014	90	0	0	90	10	BC

The award of an MSc Transport Planning with Advanced Research requires 240 credit points passed including at least 210 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.

Table 1ag: MSc Transport Planning with Advanced Research

**Mode of study:** Full Time

**Entry point:** Semester B

#### Year 1

<b>Compulsory Modules</b> Module Title	Module Code	Credit Points	% Test	% Examination	% Coursework	% Practical	Semesters
Understanding and Managing Change	7LMS2094	15	0	0	70	30	B
Transport Data Collection and Analysis	7LMS2012	15	0	0	50	50	B
Study Skills	7LMS2095	0	0	0	P/F	0	BC
Research Methods	7LFS1029	15	0	0	100	0	BC
Sustainable Energy	7LMS2086	15	0	0	100	0	C
Transport, Development and Viability	7LMS2009	15	0	0	100	0	C
Comparative Planning and Transport Practice	7LMS2076	15	0	0	100	0	C
Transport Policy, Strategy and Law	7LMS2008	15	0	0	60	40	A
Operational Transport Planning	7LMS2007	15	50	0	0	50	A
Community Engagement and the Planning Process	7LMS2044	15	0	0	75	25	A

#### Year 2

<b>Compulsory Modules</b> Module Title	Module Code	Credit Points	% Test	% Examination	% Coursework	% Practical	Semesters
Internship	7LMS2016	15	0	0	50	50	BC
Extended Research Project - Transport Planning	7LMS2014	90	0	0	90	10	CA

The award of an MSc Transport Planning with Advanced Research requires 240 credit points passed including at least 210 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.

Table 1b Final and interim awards available

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	3 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)	240 credit points including at least 210 at level 7 including the Research Project Transport Planning Dissertation and the 60-credit Work 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 210 at level 7 including Internship, and the Extended Research Project - Transport Planning	6 semesters full time	A1, A2, A3, A4, A5, A6, A8, B1, B2, B3, B4, C1, C2, C3, C4, D1, D2, D3, D4
Interim Award	Award Title	Minimum requirements	Available at end of Level	Programme Learning Outcomes developed (see above)
Masters	Transport Planning Studies	180 credit points including at least 150 at level 7	5-6 semesters	All except A7 or A8
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
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Masters and Diploma awards can be made "with Distinction" or "with Commendation" where criteria as described in [UPR AS14](#), Section D are met.

## 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
LMTPPM	MSc Transport Planning	[7LMS2010] Research Project Transport Planning	Yes
LMTPPME	MSc Transport Planning with Advanced Research	[7LMS2014] Extended Research Project - Transport Planning	Yes
LMTPPM	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 [7LMS2095] 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 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* [7LMS2130] module 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* [7LMS2130] module are eligible to transfer onto the MSc Transport Planning with Advanced Research pathway.
- To gain the award of MSc Transport Planning (Sandwich), students must successfully complete the 240 taught credits, including the [7LMS2130] *Work Placement* module. Students who do not successfully complete the [7LMS2130] *Work Placement* module will be offered the interim award MSc Transport Planning Studies, on successful completion of the [7LMS2010] *Research Project Transport Planning* module.
- To gain the award of MSc Transport Planning with Advanced Research, students must successfully complete the 240 taught credits, including the *Internship* [7LMS2016] and *Extended Research Project – Transport Planning* [7LMS2014] modules. Students who do not successfully complete the [7LMS2016] *Internship* module will be offered the interim award MSc Transport Planning Studies, on successful completion of the [7LMS2010] *Research Project Transport Planning* module.

## E. Management of Programme & Support for student learning

### Management

The programme is managed and administered through:

- Dean of School
- Associate Dean of School (Academic Quality)

- Head of Department
- Subject Group Lead
- The Programme Leader, who is responsible for advising students on the programme as a whole and chairing the programme committee
- An admissions tutor with specific responsibility for recruitment and selection
- A designated administrative team to deal with day-to-day administration associated with the modules within the programme
- Module Leaders who are responsible for individual modules
- A programme committee, the membership of which includes staff and student representatives

## **Support**

Students are supported by:

- The Programme Leader
- You will have a Personal Tutor who will be an important point of contact, able to help you gain a good understanding of the School and programme you are studying.
- A dissertation supervisor
- A placement supervisor/research (for those on the placement/advanced research pathway)
- Student representatives on the programme committee
- An induction week at the beginning of each new academic session
- Induction sessions at the start of the taught programme
- A GIS laboratory
- Overseas Orientation
- Access to extensive digital and print collections of information resources
- Attractive modern study environments in 2 Learning Resources Centres
- A versatile online interactive intranet and learning environment
- Guided student-centred learning on Canvas module sites
- A substantial Student Centre that provides advice on issues such as finance, University regulations, legal matters, accommodation, international student support, etc
- Office of Dean of Students, Student Wellbeing (incorporating Counselling, Mental Health and Disability Support), Chaplaincy, and Day Nursery
- Student Success Hubs, which include a Mathematics Drop-in Centre
- The Medical Centre
- University Disability Advisors
- Hertfordshire Student's Union
- GEPSoc (Geography, Environment and Planning Student Society)
- Careers and Employment Service for all current students and graduates
- A University bus service
- School of Life and Medical Sciences Academic Support Unit (ASU)
- Dedicated programme site

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## **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 dedicated programme site
- 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](http://sitem.herts.ac.uk/secreg/upr_azlist_info.htm)
- 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/>.

## 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.

Students who do not hold the required qualifications can still apply via the nonstandard route, which the Transport Planning programme team will be happy to consider.

To do this, applicants will need to produce a portfolio of evidence that enables the team to see how their professional experience and/or qualifications demonstrates the following:

- An ability to cope with the demands of the programme and study at level 7 (MSc level)
- A minimum of 6 months work experience in the transport industry or a related sector and/or relevant professional body accreditation
- An ability to write and present work coherently and to present a sound argument, supported by relevant literature and academic research
- The personal drive and commitment to undertake the programme

These can be evidenced through a CV and employment references highlighting relevant past and current employment which includes areas such as report writing and presentations. If there are any queries regarding the submitted portfolio of evidence, the programme team may invite the applicant to a meeting (in person or online) to discuss their application.

Accredited Prior Certified Learning (APCL) will be considered for those who already have Transport Planning Professional through the Transport Planning Society membership.

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).

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If you would like this information in an alternative format please contact:  
[icaq@herts.ac.uk](mailto:icaq@herts.ac.uk)

If you wish to receive a copy of the latest External Examiner's Report for the programme, please email a request to [aqo@herts.ac.uk](mailto:aqo@herts.ac.uk)

## MSc Transport Planning

**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.

		Programme Learning Outcomes (as identified in section 1 and the following page)																			
		Knowledge & Understanding								Intellectual Skills				Practical Skills				Transferable Skills			
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	X	X			X				X	X	X	X	X				X			
Operational Transport Planning	7LMS2007			X	X	X				X	X	X		X				X			
Community Engagement and the Planning Process	7LMS2044		X		X	X						X	X					X	X		
Research Methods	7LFS1029						X										X	X	X	X	
Study Skills	7LMS2095																	X	X	X	X
Understanding and Managing Change	7LMS2094				X	X					X	X						X	X	X	X
Transport Data Collection and Analysis	7LMS2012			X								X	X	X	X		X	X			
Comparative Planning and Transport Practice	7LMS2076	X	X	X	X	X				X	X	X	X	X	X	X		X	X	X	
Research Project Transport Planning	7LMS2010					X	X			X		X	X	X	X	X	X	X	X	X	X
Sustainable Energy	7LMS2086	X	X			X					X			X				X	X	X	
Transport, Development and Viability	7LMS2009		X	X	X	X							X	X		X					

## MSc Transport Planning (Sandwich)

**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.

		Programme Learning Outcomes (as identified in section 1 and the following page)																			
		Knowledge & Understanding								Intellectual Skills				Practical Skills				Transferable Skills			
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	X	X			X				X	X	X	X	X				X			
Operational Transport Planning	7LMS2007			X	X	X				X	X	X		X				X			
Community Engagement and the Planning Process	7LMS2044		X		X	X						X	X					X	X		
Research Methods	7LFS1029																	X	X	X	
Study Skills	7LMS2095																	X	X	X	X
Understanding and Managing Change	7LMS2094				X	X					X	X						X	X	X	X
Transport Data Collection and Analysis	7LMS2012			X			X					X	X	X	X		X	X			
Comparative Planning and Transport Practice	7LMS2076	X	X	X	X	X				X	X	X	X	X	X	X		X	X	X	
Research Project Transport Planning	7LMS2010					X	X			X		X	X	X	X	X	X	X	X	X	X
Sustainable Energy	7LMS2086	X	X			X					X			X				X	X	X	
Transport, Development and Viability	7LMS2009		X	X	X	X							X	X		X					
Work Placement	7LMS2130							X		X	X		X					X	X	X	X

## MSc Transport Planning (with Advanced Research)

**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.

		Programme Learning Outcomes (as identified in section 1 and the following page)																			
		Knowledge & Understanding								Intellectual Skills				Practical Skills				Transferable Skills			
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	X	X			X				X	X	X	X	X				X			
Operational Transport Planning	7LMS2007			X	X	X				X	X	X		X				X			
Community Engagement and the Planning Process	7LMS2044		X		X	X						X	X					X	X		
Research Methods	7LFS1029																	X	X	X	
Study Skills	7LMS2095																	X	X	X	X
Understanding and Managing Change	7LMS2094				X	X					X	X						X	X	X	X
Transport Data Collection and Analysis	7LMS2012			X			X					X	X	X	X		X	X			
Comparative Planning and Transport Practice	7LMS2076	X	X	X	X	X				X	X	X	X	X	X	X		X	X	X	
Sustainable Energy	7LMS2086	X	X			X					X			X				X	X	X	
Transport, Development and Viability	7LMS2009		X	X	X	X							X	X		X					
Internship	7LMS2016								X	X	X		X					X	X	X	X
Extended Research Project - Transport Planning	7LMS2014					X	X		X	X		X	X	X	X	X	X	X	X	X	X

## 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.

- 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.

### Table 3: Development of Graduate Attributes in the Constituent Modules

This map identifies where the Graduate Attributes are delivered in the constituent modules. It provides (i) an aid to academic staff in understanding how individual modules contribute to the development of the Graduate Attributes (ii) a checklist for quality control purposes and (iii) a means to help students monitor their own personal and professional development as the programme progresses. [Note that there is no requirement for the Graduate Attributes to be assessed through these modules]

D = Delivered

Module Title	Module Code	Professionally Focused	Globally Minded	Sustainability Driven	Digitally capable & confident	Inclusive and collaborative	Evidenced based and Ethical
Transport Policy, Strategy and Law	7LMS2008	D		D		D	D
Operational Transport Planning	7LMS2007	D		D		D	D
Community Engagement and the Planning Process	7LMS2044	D	D	D		D	D
Research Methods	7LFS1029				D		D
Study Skills	7LMS2095				D		D
Understanding and Managing Change	7LMS2094	D	D	D		D	
Transport Data Collection and Analysis	7LMS2012	D			D		D
Comparative Planning and Transport Practice	7LMS2076	D	D	D		D	
Research Project Transport Planning	7LMS2010	D	D	D	D	D	D
Sustainable Energy	7LMS2086	D	D	D		D	
Transport, Development and Viability	7LMS2009	D		D	D		D
Work Placement	7LMS2130	D		D	D	D	D
Internship	7LMS2016	D		D	D	D	D
Extended Research Project - Transport Planning	7LMS2014	D	D	D	D	D	D



# 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 2024
Administrative School	School of Life and Medical Sciences
Language of Delivery	English

Table 4 Course structure

Course details			
Course Code	Course Description	HECOS	UCAS
LMTPPM	MSc Transport Planning (Revised 2024)	100198	N/A
LMTPPME	MSc Transport Planning – Extended (Revised 2024)	100198	N/A