SECTION 1: KEY PROGRAMME DETAILS

PART A: PROGRAMME INFORMATION	
Highest Award	MSc Transport Planning
Interim Award	PGCert Transport
Interim Award	PGDip Transport Planning

Awarding Institution	UWE Bristol
Teaching Institution	UWE Bristol
Delivery Location	Frenchay Campus
Study Abroad / Exchange / Credit Recognition	Placement X Sandwich Year X Credit Recognition X Year Abroad X
Faculty Responsible For Programme	Faculty of Environment & Technology
Department Responsible For Programme	FET Dept of Geography & Envrnmental Mgmt
Professional Statutory or Regulatory Body (PSRB) Links	Chartered Institute of Logistics and Transport (CILT)
Professional Statutory or Regulatory Body (PSRB) Links	Joint Board of Moderators
Professional Statutory or Regulatory Body (PSRB) Links	Royal Town Planning Institute (RTPI)
Professional Statutory or Regulatory Body (PSRB) Links	Transport Planning Professional
Apprenticeships	
Mode of Delivery	Full-time

ENTRY REQUIREMENTS	UCAS Tariff Points:
	For the current entry requirements see the UWE public website.
For Implementation From	1 Sep 2018
ISIS Code/s	Programme Code K4N912-SEP-FT-FR-K46512 Other codes: JACS Transport planning HECoS 100000: Undefined UCAS SLC

SECTION 2: PROGRAMME OVERVIEW, AIMS and LEARNING OUTCOMES

PART A: PROGRAMME OVERVIEW, AIMS and LEARNING OUTCOMES

1. (Programme) Overview (c. 400 words)

The MSc Transport Planning is both a one year full time postgraduate master's programme. The MSc Transport Planning is suitable for graduates from any academic background but particularly social sciences, geography and planning. Graduates in other disciplines may be considered if they are able to demonstrate they have studied subjects containing a good level of numeracy or have a good level of experience in the transport industry already.

The MSc Transport Planning is accredited by the Transport Planning Society, the Chartered Institute of Logistics and Transport and the Royal Town Planning Institute as a specialist planning programme. Applications are in process for accreditation for the MSc Transport Engineering and Planning from the JBM and from the Transport Planning Society for the MSc Transport Engineering and Planning.

2. Educational Aims (c. 4-6 aims)

The general aims of the programme are:

To provide a coherent programme of advanced study in transport, underpinned by staff research, consultancy and scholarship, in which all staff members are engaged.

To provide a programme related to the needs of professional practice, that enables students to become effective transport practitioners.

To provide a programme that is academically challenging and encourages students to develop the capacity for critical thought and action.

To offer varied study patterns in order to broaden access to the programme (flexible part-time study through the module gathering option);

Specific Aims

To analyse the complex relationships between transport and society;

To apply the concept of sustainability to spatial development and transport planning;

PART A: PROGRAMME OVERVIEW, AIMS and LEARNING OUTCOMES

To use techniques of analysis of transport systems at an advanced level, drawing on an understanding of demand management and the role of different modes of transport.

To identify and evaluate policy and funding mechanisms in the context of current and emerging transport issues in the UK, the European Union, and beyond;

To design and conduct rigorous research.

To develop additional transferable skills in communication, presentation and the management of learning.

To introduce students to the fundamentals of spatial planning and the framework of the planning system in the UK, with appropriate international comparisons.

3. Programme and Stage Learning Outcomes (c. 6-8 outcomes)

Programme (Learning) Outcomes (POs)

Knowledge and Understanding

A1	The role and significance of transport in a modern economy and society.
A2	The nature and significance of problems and solutions which arise from the demand for movement by people and of goods.
A3	The concept of sustainability within a global, national and local context and its application to transport planning.
A4	The policy, political and practical constraints on the conduct of research in a transport context.
A5	The mechanisms and systems of spatial planning.
A6	Engineering principles as applied to the design of transport infrastructure .
A7	The principles of network management.

Intellectual Skills

B1	Identify problems and to apply appropriate techniques in the investigation of problems, and to deal with complexity and with gaps and contradictions within the knowledge base.
B2	Plan strategies and tactics in response to unusual and unexpected situations.
B3	Synthesise information and create and evaluate new approaches in the resolution of complex problems.
B4	Apply theory to the practical resolution of complex problems.
B5	Reflect on own educational progress and professional practice.
B6	Design and implement a research proposal in response to complex problems.
B7	Apply appropriate quantitative methods to the analysis of complex transport planning or engineering problems.

Subject/Professional Practice Skills

C1	Design solutions to complex transport planning problems on the basis of analysis and through the application of comparative study.
C2	Evaluate and justify alternative approaches to transport problems and to accurately assess and report on own/others work.
C3	Demonstrate an awareness of the ethical dilemmas likely to arise in research and professional practice.

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PART A: PROGRAMME OVERVIEW, AIMS and LEARNING OUTCOMES

C4	Apply modelling techniques in the analysis of transport problems.
C5	Design, develop and write appropriate plans for a range of spatial scales in a range of sectors.
C6	Use skills of negotiation, mediation, and advocacy in the planning process.
C7	Design key elements of transport networks, used by different modes.
C8	Design transport infrastructure.
C9	Apply GIS to problems of transport design and planning.

Transferable Skills and other attributes

D1	Engage in a full professional and academic communication with others in the transport and planning fields, and with non-specialist audiences, through presentations and writing.
D2	Demonstrate authority in study and use of resources and make professional use of others in support of self-directed learning.
D3	Work effectively as a member of a team.
D4	Apply computing techniques to the creation of complex databases, to the analysis of data, and the application of quantitative models.

PART B: Programme Structure

1. Structure

Year 1

Year 1 Compulsory Modules

Code	Module Title	Credit	Type
UBGM8P-15-M	Changing Travel Behaviour 2020-21	15	Compulsory
UBGMP3-30-M	Implementation and Design Quality 2020-21	30	Compulsory

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UBGM8M-15-M	Transport Economics and Appraisal 2020-21	15	Compulsory
UBGM8Q-15-M	Transport Policy and Finance 2020-21	15	Compulsory
UBGM8N-15-M	Travel Demand Analysis 2020-21	15	Compulsory

Year 1 Compulsory Project Module Choices
Students must choose one of the following modules.

UBGMRK-60-M Master's Project (option, for students with a work placement).

Code	Module Title	Credit	Type
UBLLY7-60-M	Dissertation 2020-21	60	Optional
UBGMRK-60-M	Masters Project 2020-21	60	Optional

Year 1 Optional Modules
Students choose 30 credits from the following modules:

Students can take either:
UBGMN3-30-M Plan Making

or BOTH of the following:
UBGLWP-15-M Sustainable transport management and Operations.
UBGMU4-15-M Introduction to Applied Geographical Information Systems.

Code	Module Title	Credit	Type
UBGMU4-15-M	Introduction to Applied Geographical Information Systems (GIS) 2020-21	15	Optional
UBGMN3-30-M	Plan Making 2020-21	30	Optional
UBGLWP-15-M	Sustainable Transport Management and Operations 2020-21	15	Optional

PART C: Higher Education Achievement Record (HEAR) Synopsis

Graduates of MSc Transport are able to:

Analyse the complex relationships between transport and society, including the dimension of social justice.

PART C: Higher Education Achievement Record (HEAR) Synopsis

Apply the concept of sustainability to spatial development and transport planning.

Analyse transport systems at an advanced level, drawing on an understanding of demand management and the role of different modes of transport.

Identify and evaluate policy and funding mechanisms in the context of current and emerging transport issues in the UK, the European Union, and beyond.

Demonstrate the potential to be effective transport planning practitioners.

PART D: EXTERNAL REFERENCE POINTS AND BENCHMARKS

The existing programme is accredited by the Transport Planning Society (Transport Planning Professional), the Chartered Institute of Logistics and Transport and the Royal Town Planning Institute (RTPI).

The programme is designed to be consistent with the qualifications descriptors set out in the National Qualification Framework (August 2008) issued by the Quality Assurance Agency for Higher Education.

The programme responds, and will look to deliver in coming years, against the goals and priorities of the UWE vision and mission and the UWE strategic plan for the period 2007-2012. Particular attention is to be given in the short to medium term towards making the programme's curriculum more international in its outlook, and to enhancing the student experience.

Staff research and consultancy interests and expertise

The University of the West of England's Centre for Transport and Society (CTS) is recognized as one of the UK's leading transport research centres. It has continued to generate research income from government, European and research council sources, even through periods of recession. All of the teaching staff are research active, and they make a substantial contribution to the Faculty's input to the REF exercise.

Employer feedback Competitor Analysis and Market Research Overseas

A review of similar and related courses provided by other universities in the UK was undertaken in 2013, before the MSc Transport Engineering and Planning pathway was validated. We also conducted a survey of transport employers within the Southwest region, and a focus group in Ahmedabad, India. These indicated strong support and potential demand for the MSc Transport Engineering and Planning option. Indeed, applications have risen nearly threefold for the second intake on the programme in September 2015 as compared with its previous first year of operation. We have expanded the Industrial Advisory Board of the Civil Engineering Group to include two senior representatives from the regional transport industry to help us continue close collaboration in respect of our transport teaching.

PART E: REGULATIONS

Approved to University Regulations and Procedures.

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