

MSc / PGDip / PGCert

# TRANSPORT ENGINEERING AND PLANNING



University of  
**Salford**  
MANCHESTER

Transport shapes our daily lives, influencing economic activity and social wellbeing. With increasing demand for specialist transport knowledge, this accredited and relevant degree is a smart route to a transport career.

Delivered for over forty years, MSc Transport Engineering and Planning is recognised as a solid qualification for graduates and professionals interested in the management, engineering and planning of transport infrastructure.

Led by experienced academics with a track record of world-leading research, this course explores current methodology and practice relevant to roles in local and central governments, and as passenger transport executives, and transport consultants.

This programme is designed to meet the requirements of the Engineering Councils Accreditation of Higher Education Programmes (AHEP)

## **COURSE DELIVERY**

Delivered in one year, or over three years part-time, you will study five carefully designed modules, which will enable you to carry out high-level coordinated academic and practical work, forming part of your final assessment.

### **Featured modules:**

- / Transport Principles: Policy and Principles
- / Transport Engineering: Principles and Methodologies
- / Traffic Engineering: Analysis and Road Safety
- / MSc Dissertation
- / Transport Planning: Forecasting and Appraisal (option)
- / Transport Infrastructure: Design and Analysis (option)



## **COURSE EXPERIENCE**

- / Explore how planning, engineering, modelling work and environmental science combine together
- / Learn to develop solutions to engineering problems that align with the aims of transport and planning policy
- / Receive training on a wide range of transport specific software suites, relevant to a transport related career
- / Benefit from strong and long-standing connections with transport industry partners across the UK and Europe
- / Learn through a combination of lectures, design projects, computing sessions and laboratory demonstrations

## **CAREER PROSPECTS**

Course graduates will be well equipped to meet the challenges of modern transport engineering. Graduates might typically work in a government-based role, in a design office or for an engineering consultancy. Many alumni have progressed to pivotal appointments in prestigious schemes and roles





## CONTACT US

Programme Leader

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Course enquiries

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## MSC TRANSPORT ENGINEERING AND PLANNING

**Start Date:** September

**Duration:** One year full-time; up to three years part-time

**Location:** Peel Park campus

### Entry Requirements:

Applicants should possess at least a UK second-class honours degree (2:2) in an appropriate discipline.

We also accept applicants who may not have formal/traditional entry criteria but who have relevant experience, through our Accreditation of Prior Learning (APL) scheme.

International applicants must demonstrate proficiency in English through an IELTS score of 6.0 (and no element below 5.5).



**Explore the course:**

[www.salford.ac.uk/msc-transport-engineering](http://www.salford.ac.uk/msc-transport-engineering)