

## how to apply

If you are interested in this programme, and would like further information, or if you would like to visit the School before deciding whether to apply, please contact the Degree Programme Director (see contact details below).



Should you wish to apply straight away, the University's postgraduate application form is available as a web-based form. If you use either on-line version, you will also need to download a web-based referee's report form which you should pass on to your referee.

Applicants living in the UK may be invited to visit the School, to view our facilities and to attend an informal interview. Those living outside the UK are not required to attend an interview, but are welcome, nevertheless, to visit the School should an opportunity arise.

## funding opportunities

For UK and EU students Career Development Loans are a source of funding. These are available throughout the UK and are designed to help pay for vocational courses that lasting up to 2 years.

Non-EU students are directed towards the University's own small scholarship schemes and to British Chevening Scholarships. The latter vary from fees-only awards to full sponsorship and can be quite substantial. Contact the British Council Office in your own country for further information on these.

The British Council also produces a leaflet called Studying in the UK: Sources of funding for international students, which contains information on various funding schemes and gives useful addresses for further information. Again, you should contact the British Council office in your own country to request a copy.

## contact admissions officer

Mr Roger Bird

e: [ceg.transport@ncl.ac.uk](mailto:ceg.transport@ncl.ac.uk)

t: +44 (0)191 222 6547

## CPD short courses

Many Masters programme modules may be taken as self contained CPD (Continuing Professional Development) courses, suitable for practising transport professionals who wish to advance their knowledge in specific subjects.

CPD courses running in 2009/2010 include:

- Air Pollution
- Asphalt Materials and Flexible Pavements
- Design of Transport Infrastructure
- Economic and Environmental Appraisal of Transport Activities
- Advanced Courses in Railways: Management, Economics, Planning
- Courses in Road Safety: Policy, Accident Investigation and Prevention, Audits
- Transport Policy in Practice
- Travel Demand Forecasting
- Traffic and Environment Management for Sustainability
- Courses in GIS

Funding may be available to assist with course fees for those employed by small and medium sized enterprises located in the North East of England.

## Bespoke courses

The school has a proven record of developing and delivering bespoke courses and has been awarded funding to develop many new courses. If you are interested in collaborating with us to develop a short course to meet the training requirements of your workforce, please contact the Professional Development Unit.

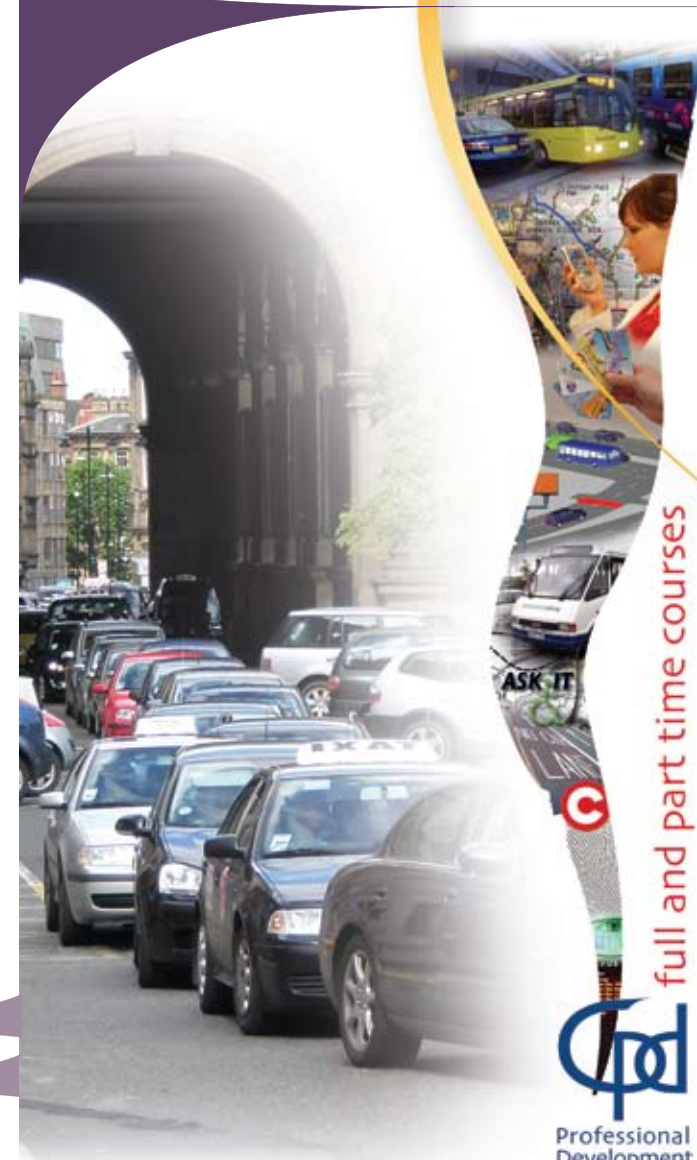
[www.ceg.ncl.ac.uk/cpd](http://www.ceg.ncl.ac.uk/cpd)

[ceg.cpd@ncl.ac.uk](mailto:ceg.cpd@ncl.ac.uk)

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## MSc and Diploma Transport and the Environment



full and part time courses

# MSc and Diploma Transport and the Environment

The MSc in Transport and the Environment is a one year full time programme leading to the award of a Master of Science degree. The course can be taken part time, usually over two to three years. This is a new programme starting from the academic year 2009-10 and it is one of the few available in the United Kingdom. This programme provides knowledge and understanding of the transport systems and their impact on the environment. All of the programme's modules are directly associated with the concerns of modern transportation, traffic management and environmental impact of transport systems.



## aims

The main aim of this programme is to produce postgraduates who have a coherent understanding of transport systems and their impact on the environment, and are able to apply this understanding practically, to the sustainable planning, management and operation of transport systems with an awareness of their responsibilities to society and the environment. The course can also convert good honours graduates in a range of disciplines into marketable postgraduates who should be able to pursue a career in transportation in either the public or private sectors.



## outline

As one of our MSc students, you will study 180 credits over a full 12 month academic year. Of this total, 100 credits are taught modules, which focus on the key areas of your discipline, but also provide valuable generic skills. The remaining 80 credits take the form of an individual research project. This is your opportunity to work within one of our world class research groups, or to collaborate with an industrial or academic partner anywhere in the world.

## taught course

Compulsory modules on this programme include: research methods; design of transport infrastructure; travel demand forecasting; the economic and environmental appraisal of transport activities; air pollution; transport and environmental management for sustainability, management and operation of public transport systems; intelligent transport systems and e-services.

## research project

During the second half of the programme, an individual research project (worth 80 credits and equivalent to 800 working hours) allows you to put into practice the skills and knowledge gained in the taught part of the course. This is examined through the submission of a dissertation in late August/early September.



Your research project may involve any aspect of transport engineering or operations. We welcome student input into projects and if you wish to carry out a dissertation in a specific field, this can usually be accommodated.

Your project might involve you working within one of the School's established research groups, or you might work elsewhere, either in the UK, or overseas.

We will encourage you to publish the results of your research, and many past MSc students have been successful in this area.

## entrance criteria

A 2nd class degree from a UK University, or its overseas equivalent, is the minimum qualification for entry. Preferred first degree subjects are Earth Sciences and related disciplines, and applicants should have studied modules in Geology or Earth Sciences in at least two years of their first degree. Clear evidence of motivation and commitment to the field of applied Earth Science is key.

Applicants for whom English is not a first language must provide evidence of a satisfactory command of English, preferably by means of a TOEFL score of 575 or greater, or by an IELTS score of 6.5 or greater.

Applicants who hold non-standard qualifications, and/or have relevant experience, will be considered on an individual basis.