

HDM4 course in Road Management



UNIVERSITY OF
BIRMINGHAM



HDM4 Course
9th - 13th September 2013

HDM4 course in Road Management:

For more than thirty the University of Birmingham has been offering taught and research programmes in the area of road management and engineering designed to equip participants with the skills and knowledge of management procedures for the planning, appraisal, design, construction and maintenance of road networks. The programmes are relevant to conditions found in both developed and developing countries and are suitable for professionals who want to pursue a career in the road sector.

In addition, for the last fifteen years the **Senior Road Executive Programme** (<http://www.sreprogramme.org>) has provided continuing professional development for senior professionals working in the road sector and, by so doing, contributed to the dissemination of knowledge and expertise and facilitated the implementation of modern approaches to the management and financing of road networks worldwide.

The University of Birmingham is now pleased to offer three new hands-on courses in the areas of road safety, road economics, rural roads for development. The first is delivered in collaboration with iRAP (**International Road Assessment Programme** (<http://www.irap.net>)). The second is provided in collaboration with **HDMGlobal** (<http://www.hdmglobal.com>) and the third in association with IntechAssociates. All three courses are 5-day, intensive and practical residential programmes delivered by experts of international repute. They are aimed at road sector professionals, road engineers, field engineers, planners and road safety professionals who want

to be exposed to cutting-edge established methodologies in road safety management and road economics.

[Study here and find out why the University of Birmingham was awarded The Times and The Sunday Times University of the Year 2013-14](http://www.birmingham.ac.uk/news/latest/2013/09/20-sep-Birmingham-announced-as-University-of-the-Year.aspx)

Course fact file

Type of Course: Continuing professional development

Duration: 5 days (08-12 September 2014)

Start date: 08 September 2014

Related courses

[Road Management and Engineering Masters/MSc/Diploma/Certificate \(/postgraduate/courses/taught/civil-engineering/road-management-engineering.aspx\)](#)

[iRAP course in Road Safety \(/postgraduate/courses/cpd/civil-engineering/irap.aspx\)](#)

[Rural Roads for Development course \(/postgraduate/courses/cpd/civil-engineering/rural-roads.aspx\)](#)

[Senior Road Executives Programme \(/postgraduate/courses/cpd/civil-engineering/senior-roads-executive.aspx\)](#)

[Senior Road Executives Programme \(http://civ-hrg.bham.ac.uk/\)](http://civ-hrg.bham.ac.uk/)

Contact

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[School of Civil Engineering \(/schools/civil-engineering/index.aspx\)](#)

Details

Why attend this course:

This is an international course which offers an introduction to the use of HDM-4 as a decision support tool to include:

- Overview of where HDM-4 fits within the Road Management cycle
- Overview of the HDM-4 analysis framework

- Introduction to Project, Programme and Strategic Analysis using HDM-4
- HDM-4 Integration with external systems

The course includes practical demonstrations and sessions using HDM-4 Version 2

- Download the [Short courses in Road Safety, Road Economics and Rural Roads brochure \(pdf 220 KB\) \(/Documents/college-eps/civil/brochure/short-courses-road-safety-economics.pdf\)](#)

Who should attend:

- road engineers, managers, and other road sector professionals who work in the areas of road management, road financing and road maintenance.

Language: English

Course instructor: Dr Eric Stannard, Chief Executive Officer, (HDMGlobal / ALTA Innovations)

Co-ordination: [Dr H Evdorides \(/staff/profiles/civil/evdorides-harry.aspx\)](#), University of Birmingham

Fees and funding

Course fees:

£2300 (including daytime refreshments, lunch, a course dinner and course material. Accommodation is also included for bookings made by 01 August 2014.)

How to apply

All enquiries to:

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Registration/booking

- Use the [online form to register for this course \(/schools/civil-engineering/postgraduate/continuing-professional-development-registration.aspx\)](#)

Related links

[Short courses in Road Safety, Road Economics and Rural Roads brochure \(pdf 220 KB\) \(/Documents/college-eps/civil/brochure/short-courses-road-safety-economics.pdf\)](#)

Learning and teaching

By the end of the course, the participants are expected to have acquired an understanding of the following key items:

- The fundamentals concepts of the Road Management cycle and how HDM-4 can be used to address its needs
- The HDM-4 analysis framework
- An introduction to Project, Programme and Strategic Analysis using HDM-4
- How HDM-4 can be integrated with external systems

The course includes practical exercises, discussions and exposure to the HDM4 software. The course is delivered in the state-of-the-art teaching and learning facilities of the University of Birmingham

Related staff

[Dr Harry Evdorides \(/staff/profiles/civil/evdorides-harry.aspx\)](#)

Employability

The HDM4 course has been designed specifically to meet the needs of the industry to support career opportunities in the road management and financing sector. Participants in this course are normally employed in both the public and private road sector in the UK or overseas, including road managers, planners, engineers and consultants. The course provides training that promotes the significance of road economics, road financing and the use of appropriate decision support tools.

Since the road professional is chosen to fill a position with responsibility for decisions related to technical and financial aspects of road management and financing together with the overall management and administration of road projects or procedures, the course is directed to satisfying these needs using HDM4, the de facto world standard for road appraisal.



