



An enriching week in Barcelona

The Faculty of Economics and Business of the University of Barcelona (UB) created on 2014 the UB ECONOMICS SUMMER SCHOOL to offer an enriching academic and personal experience during the first week of July.

UB ECONOMICS SUMMER SCHOOL aims to offer the latest research developed in some of the 24 economic fields in which our faculty is focused. The second, 2015 edition will offer two complementary courses on Transport policy and planning: Cities, sustainability and project evaluation.

UB Faculty of Economics and Business is one of the largest economics faculties in Catalonia. In fact, the University of Barcelona is the top South European University in the QS World University rankings 2014/2015 and the third Economics institution in Spain based on IDEAS Top Economics Departments (October 2014).

Would you find any better place to study in July than Barcelona? The city, while one of the most prosperous in southern Europe, is nevertheless highly affordable, offering a great quality of living, is open and cosmopolitan and has an important cultural heritage which can be visited.

UB economics

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SUMMER SCHOOL 2015

BARCELONA • JULY 6th - 10th
Faculty of Economics & Business UB

  **Facultat d'Economia i Empresa**
Universitat de Barcelona

B:KC **Barcelona Knowledge Campus**


Obra Social "la Caixa"

TRANSPORT POLICY AND PLANNING: CITIES, SUSTAINABILITY AND PROJECT EVALUATION

Urban transport is increasingly unsustainable as travel patterns become more dependent on the car. Levels of urban mobility have risen substantially, but the capacity of the city transport systems have not kept pace, with the resultant increases in traffic congestion and environmental degradation. Urban sprawl has also extended mobility and environmental problems to intercity and metropolitan routes that in many cases keep high dependence of private transportation. Solutions to these concerns must be sought within the transport sector - with new mobility management approaches or new investments – but also in other related sectors as land planning and information technology. This summer school aims to provide students with the tools needed to understand and address current challenges on transport sustainability and to implement an economic evaluation of policy programs designed to mitigate these negative externalities.

DATES AND SCHEDULES

The 5 sessions of each course will take place from Monday 6th to Friday 10th July 2015:

The 5 sessions of each course will take place:		TUITION FEES	
COURSE I: From Monday 6 th to Thursday 9 th		General fee	Student fee
	1 course	400 €	300 €
COURSE II: From Tuesday 7 th to Friday 10 th			
	2 courses	600 €	400 €

Fees include coffee breaks and any material required for the course. You can find all the details about tuition fees and registration at:

www.ub.edu/ubeconomics/summer-school

COURSE I. Economic evaluation of transportation projects: a course on cost-benefit analysis



THE LECTURER

Daniel Albalade (PhD in Economics at UB & MSc in Economics at UCL, UK) is a University of Barcelona professor in the fields of Transport Economics and Regulation Economics. His research focuses on the analysis and evaluation of public policies and his main contributions have been in the field of economic evaluation of infrastructure policy, cost-benefit analysis as on the effects of transport efficiency.

THE COURSE

The aim of this course is to introduce the Cost-Benefit Analysis methodology to evaluate transport infrastructure investments from the economic perspective. In the course, attendants will:

(A) Understand the potential contribution of this evaluation tool to improve economic and policy-making decisions on transport programs; (B) explore the basics of an applied methodology (Cost-Benefit Analysis) able to evaluate the economic contribution of transport infrastructure by capturing their social contribution beyond the traditional financial evaluation; (C) examine existing applications of this methodology to different transport infrastructure investments on a variety of modes.

- Session 1.** The basics of Cost Benefit Analysis
- Session 2.** Monetary values for externalities and indirect impacts
- Session 3.** Forecasting methods for traffic demand and costs
- Session 4.** Risk and uncertainty in cost benefit analysis
- Session 5.** Cost Benefit Analysis: Applications and case studies

COURSE II. Cities and sustainable transport



THE LECTURER

David Banister (PhD in Economics at the University of Leeds, UK) is Professor of Transport Studies at the School of Geography and the Environment (SoGE) and Director of the Transport Studies Unit at the University of Oxford. He is editor and in the editorial board of some of the most reputed journals on transport economics. He has also advised on appointments and promotions for International Chairs in the USA, Canada, Israel, Netherlands, Finland and Australia, as well as at various institutions in the UK.

THE COURSE

The aim of this course is to introduce a variety of ways in which passenger transport can be made more sustainable and to identify some of the barriers and challenges in increasing its sustainability. In the course, attendants will:

(A) Discuss the potential contribution of land use development, technology and various forms of policy-making in increasing transport's sustainability; (B) explore how different understandings of transport contribute to attempts to make passenger transport more sustainable; (C) and examine existing barriers to the implementation of initiatives to reduce unsustainable transport.

- Session 1.** Cities, mobility and climate change
- Session 2.** Cities, urban form and transport
- Session 3.** International fragmentation and global supply chains
- Session 4.** Environmental repercussions of international fragmentation
- Session 5.** A global supply chain perspective for modern economic growth