



MSc IN TOURISM, TRANSPORT AND ENVIRONMENTAL ECONOMICS



ULPGC

Universidad de
Las Palmas de
Gran Canaria

Instituto
Universitario de
Turismo y
Desarrollo
Económico
Sostenible



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COURSE OVERVIEW

Why to study a Master course in Tourism, Transport and Environmental Economics?

Tourism is one of the most promising drivers of growth for the world economy. The sheer size and reach of the sector makes it critically important from a global resource perspective. Like all industries, the tourism industry can have adverse environmental, economic and social effects. These impacts are mostly linked with the construction and management of infrastructures such as roads, airports, and tourism facilities. For this reason the demand for professionals capable to understand and analyze the complex interactions among tourism, transport and environmental problems is increasing.

The overall goal of this Master Course is twofold; first, to provide specialized postgraduate education in the field of the economic analysis of tourism, transport and the environment; and secondly, to train students in the handling techniques required to produce quality applied research so as to enable them either to continue his training in a doctoral program, or to be competitively inserted in the labour market.

During the course, students will develop research and analytical skills to a standard that will allow them to evaluate problems related to tourism, transport and environment from diverse perspectives and apply theoretical knowledge to practical situations.



COURSE OVERVIEW

Why to study a Master course in Tourism, Transport and Environmental Economics at the University of Las Palmas de Gran Canaria?

The University of Las Palmas de Gran Canaria is an innovative university in teaching, research, administration and social impact activities; that builds and radiates culture around its environment; concerned about environmental quality and sustainable development; promotes cooperation and solidarity among people; contributes to the solution of social problems and promotes international relations from our Atlantic insularity.

The University of Las Palmas de Gran Canaria is the host of the Institute of Tourism and Sustainable Economic Development (Tides), institution responsible of the Master Course. This is a leading centre of teaching and scientific research in tourism and other related areas in Europe, which accounts with the UNESCO Chair in Tourist Planning and Sustainable Development.

Students enrolled in our program will enjoy a friendly learning environment and will have the opportunity to interact with the academic staff as well as participate in the activities organized by the Tides institute. They also will be granted with free access to our University Library, which accounts with the most modern scientific resources and databases. The programme has available a system of multimedia facility that will ready to produce audiovisual materials available for students.



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COURSE CONTENTS

The course is integrated by 8 core units distributed along two semesters and a master dissertation project that will be presented towards the end of the second semester. The organization of the course is as follows:

Semester 1

Tourism analysis (6 ECTS)

Tourism system, data sources, data analysis, demand and supply, industrial structure, tourism agents, natural resources, geography.

Economics of the global environment (6 ECTS)

Sustainable development: principles of ecological economics and environmental economics, integrated planning and management of renewable and non-renewable natural resources, indicators of multidimensional sustainability, integrated evaluation models and methods for the evaluation of environmental goods and services, direct regulation and economic instruments of environmental policy and international environmental agreements, innovation, eco-efficiency and environmental planning of the firm.

Transportation economics (6 ECTS)

Principles of transport economics, transportation supply and demand, transportation production and cost, externalities, transport policy: pricing and infrastructure investment, transportation markets structure, economic regulation.

Cost-benefit analysis (6 ECTS)

Economic evaluation of social benefits, opportunity costs, market and shadow prices, economic evaluation of non-marketed goods, discounting and decision criteria, uncertainty and risk analysis, applications to tourism, transport and the environment.

Service quality analysis (6 ECTS)

The EFQM Excellence Model: self-assessment and prioritization of improvement plants, customer satisfaction surveys: methods of measuring guest satisfaction, behavioural intentions and loyalty, quality and environmental management systems: ISO 9001, ISO 14001, Ecolabel, EMAS, quality management tools and techniques: statistical process control, benchmarking, use of team in quality improvement.

Semester 2

Demand analysis and forecasting (6 ECTS)

I-Aggregate methods for demand analysis and forecasting

Demand forecasting using time series, demand forecasting using cross-sectional data, demand forecasting using panel data, applications.

II-Disaggregate methods for demand analysis and forecasting

Consumer behaviour and microeconomics of discrete choices, random utility theory and discrete choice models, aggregate forecasting using disaggregate data, willingness to pay measures, market and experimental data. introduction discrete choice experiments, applications

Quantitative methods (6 ECTS)

Applied quantitative methods , data analysis (parametric and non-parametric tests), model building (simple and multiple regression, logistic and multi-level modelling), time-dependent phenomena and forecasting, classical and Bayesian estimation, case studies of applied mathematical programming in tourism, location models for tourism and transport data.

Territorial planning for tourism and transportation (6 ECTS)

Classification of theories and models of tourist space, planning of tourist territory and transport, urban tourism, uses, morphology and functional indicators, application of geographic information systems for the analysis and design of tourist settlements.

Master Dissertation (12 ECTS)

3 TEACHING STAFF

Visiting staff

ULPGC and Tides institute have signed different exchange programs for academic staff with prestigious universities. Among them we have:

- Carl von Ossietzky Universität Oldenburg, GE
- CERE-Umeå University, SE
- Erasmus University, NE
- University of Surrey, UK
- Berlin School of Economics and Law, GE
- Università degli Studi di Bologna, IT
- Universidade Lusíada de Lisboa, PT

Local staff (ULPGC)

- Teresa Aguiar (Associate Professor)
- Jorge Araña (Associate Professor)
- Matías González (Associate Professor)
- Juan Hernández (Full Professor)
- Carmelo León (Full Professor)
- Casiano Manrique (Assistant Professor)
- Juan Carlos Martín (Full Professor)
- Concepción Román (Full Professor)
- Dolores Santos (Full Professor)
- Jin Taira (Associate Professor)





4 ENTRY REQUIREMENTS

Academic requirements

Applicants must be in possession of an official Spanish University Degree, or a certificate issued by a higher education institution of the European Higher Education Area, qualified, in the issuing country, for access to postgraduate studies.

They may also apply for admission graduates from educational systems outside the European Higher Education Area, after verification by the university that they are eligible, in the issuing country, for access to postgraduate studies.

In case the number of applicants be greater than the places available, selection will be made according to the following criteria:

I-Those who can prove they are in possession of a Degree in Economics, Business Administration or other related matters.

II-Those who can prove at least two years of working experience in the field of tourism, transport and / or the environment.

III-The rest of the applicants.

VALUATION: Academic record in the degree of access (60%), CV (30%), adequacy of candidate profile to the objectives and content of the program (10%).

English language requirements

Applicants must demonstrate an English language proficiency at the level B1, according to the Council of Europe.

5 FEES AND FUNDING

Tuition fees

Official prices established by the Regional Government of the Canary Islands.

6 HOW TO APPLY

Visit the link bellow to formalize pre-registration.

<https://www.ulpgc.es/index.php?pagina=pop&ver=preinsmaster>

Options:

- A. For students with an access degree of the University of Las Palmas de Gran Canaria.
- B. For students with an access degree of other Spanish University.
- C. For other students.



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COURSE SCHEDULE

Visit the link:

<https://tides.ulpgc.es/formacion/master/#item1>

More information will be provided at:

Unidad de posgrado y doctorado
Camino Real de San Roque, 1
35015 Las Palmas de Gran Canaria

<https://www.ulpgc.es/unidadposgradodotorado>

Instituto Universitario de Turismo y Desarrollo Económico Sostenible Tides

Administración del Parque Científico Tecnológico.
Edificio Cibernética. Campus de Tafira.
Phone: 928 451086
Email: tides@ulpgc.es



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Tides

