



[Campus: UPM- Ciudad Universitaria]	[School of Forestry and Natural Environment Engineering]
Program	13AB – [MASTER'S DEGREE IN ECOLOGICAL AND SUSTAINABLE TOURISM MANAGEMENT]

Course number and name	
Number	[133000150]
Name	[INTRODUCTION, CONCEPTUALIZATION AND IMPORTANCE OF ECOLOGICAL AND SUSTAINABLE TOURISM]
Semester	S1 [(September-January)]

Credits and contact hours	
ECTS Credits	5
Contact hours	60

Coordinator's name	[Prof. Carlos CALDERON-GUERRERO] [carlos.calderon@upm.es]
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Specific course information
Description of course content [The course provides knowledge of the most important concepts and skills related to ecological and sustainable tourism, both in protected natural areas and in other places where it is necessary to manage and handle tourism and leisure activities in the natural environment in a compatible and sustainable way with the environment. For those students who come from the tourism branch, many elements of the units will surely have been handled. On the contrary, those students who come from other more environmentalist branches, will surely know the ecological elements of the subject. It is therefore a matter of reaching a balance, where both can feed the debate through the forums and the exchange of experiences.]
List of topics to be covered TOPIC 1: Introduction and conceptualization and importance of ecological and sustainable tourism 2. TOPIC 2: Basis of ecological and sustainable tourism in the tourism sector TOPIC 3: Tourism and the environment. Concepts and terms TOPIC 4: New trends in tourism TOPIC 5: Certified environmental management systems: ISO 14001 and EMAS. TOPIC 6: Ecolabeling: characterization and classification.

TOPIC 7: Local Agenda XXI: organization, methodology and practical experiences
 TOPIC 8: models of sustainable and circular tourism development
 TOPIC 9: Successful cases of ecological and sustainable tourism
 TOPIC 10: Example of life cycle in tourist destinations
 10.1. Concept and phases of the life cycle
 10.2. case studies in destinations
 TOPIC 11: Situation of the legal framework of ecological tourism at global, state, regional and local level

Prerequisites or co-requisites

None

-It is advisable to have a background or at least basic knowledge of Hydrology, Chemistry and Soil science / Climatology / Ecology, as well as computer skills at user level.

Course category in the program

X **R (required)**

E (elective)
(elective courses may not be offered every year)

Specific for course objectives

Specific learning outcomes

CB07 - That students know how to apply the acquired knowledge and problem-solving skills in new or unfamiliar environments within broader (or multidisciplinary) contexts related to their area of study
 CB09 - That students know how to communicate their conclusions and the knowledge and ultimate reasons that support them to specialized and non-specialized audiences in a clear and unambiguous way
 CE01 - Knowledge and ability to interpret and understand the environmental, economic and sociocultural aspects that affect ecotourism
 CG07 - Use of ICTs for cooperative work and teamwork in the field of ecological and sustainable tourism, economic and socio-cultural aspects that affect ecotourism
 CG07 - Use of ICTs for cooperative work and teamwork in the field of ecotourism and sustainable tourism.
 CT08 - Creativity, observation skills, hypothesis generation and experimental problem statement.
 RA74 - Apply procedures for the control and correction of atmospheric, soil and water pollution at local, regional and global scales.
 RA72 - Analyze and apply the legal framework concerning soil and water pollution, as well as air pollution at local and transboundary level.
 RA73 – Assess, from an integrated perspective, possible pollutants and sources of pollution in the agroforestry and urban environment.

Further reading and supplementary materials

– Main book: Arraiza, MP., Calderon Guerrero, Carlos (2015). MANAGEMENT OF SUSTAINABLE AND ECOLOGICAL TOURISM, 2015. Vol. 1. Pag. 689. Editors: Arraiza Bermúdez-Cañete, María Paz López Álvarez, José Vicente García



Rodríguez, José Luis

Teaching methodology			
<u> X </u> lectures	<u> </u> <u> </u> problem solving sessions	<u> X </u> collaborative actions	<u> X </u> laboratory sessions
Other:			