

MODULE OUTLINE DIT82

1. GENERAL INFORMATION

SCHOOL	SCHOOL OF SOCIAL SCIENCES		
PROGRAM COURSE	TOURISM MANAGEMENT		
LEVEL OF STUDY	UNDERGRADUATE		
MODULE CODE	DIT82	YEAR OF STUDY	4 th (8 th semester)
MODULE TITLE	ENVIRONMENTAL MANAGEMENT IN TOURISM		
INDEPENDENT TEACHING ACTIVITIES <i>in case credits are awarded for separate components/parts of the course, e.g. in lectures, laboratory exercises, etc. If credits are awarded for the entire course, give the weekly teaching hours and the total credits</i>		HOURS	CREDIS
Weekly teaching hours (20 hours) * 13 weeks		286	10 ECTS
Module TYPE <i>Background knowledge, Scientific expertise, General Knowledge, Skills Development</i>	Optional		
PREREQUISITE MODULES:	There are no prerequisites for this module.		
LANGUAGE OF INSTRUCTION AND EXAMS	Greek		
THE MODULE IS OFFERED TO ERASMUS STUDENTS	YES		
MODULE WEBSITE(URL)	https://www.eap.gr/education/undergraduate/tourism-administration/tourism-administration-topics/#dit82 Each module has its own space in the Learning Management System of the Hellenic Open University (https://courses.eap.gr), with controlled access (use of code) for students and teaching staff.		

2. LEARNING OUTCOMES

Learning Outcomes

- The module learning outcomes, specific knowledge, skills and competences of an appropriate (certain) level, which students will acquire upon successful completion of the module, are described in detail. It is necessary to consult:

On successful completion of this module, students will be able to:

- Understand the interactions between tourism and the environment, both qualitatively and quantitatively.
- Understand the differences in consumption and behavior of the local population and the tourist, regarding natural resources and energy.
- recognize the tools and methods we can manage and inverse the degradation of the environment through tourism activity and recognize the concept of destination carrying capacity and how tourism planning can be done based on this.
- Understand how the economic system does not lead to efficient distribution of the environmental goods.
- Understand the basic terms of the environmental classification of natural resources and pollutants as well as the basic principles of the circular economy.
- They know the international and national agenda of goals and priorities for environmental issues.
- They know the compulsory solutions obligatory by the legislation as well as the optional solutions offered by the innovative technological framework so that the tourism business is profitable, efficient, environmentally friendly and innovative.
- They know the good practices of an environmentally smart business and the basic environmental certifications that a tourism business can obtain.
- They know the principles of green and blue entrepreneurship.
- Know the environmental impact of the means of transport and supply systems of tourism businesses.
- Propose solutions to protect/adapt the tourism business to the effects of climate change.

- Know the types and benefits of mild forms of tourism as opposed to massive forms of tourism.
- Use basic tools of environmental economics, to understand the environmental taxes and grants as well as the economic evaluation-pricing of tourism products that interact with the environment.
- Understand empirical results from experiments of choices, applications of probabilistic estimation, applications of travel costs and hedonic analysis.
- Understand basic concepts of Climate Change and its effects on tourism.

General Competences

Taking into consideration the general competences that students/graduates must acquire (as those are described in the Diploma Supplement and are mentioned below), at which of the following does the course attendance aim?

<i>Search for, analysis and synthesis of data and information by the use of appropriate technologies,</i>	<i>Project planning and management</i>
<i>Adapting to new situations</i>	<i>Respect for diversity and multiculturalism</i>
<i>Decision-making</i>	<i>Environmental awareness</i>
<i>Individual/Independent work</i>	<i>Social, professional and ethical responsibility and sensitivity to gender issues</i>
<i>Group/Team work</i>	<i>Critical thinking</i>
<i>Working in an international environment</i>	<i>Development of free, creative and inductive thinking</i>
<i>Working in an interdisciplinary environment (Other.....citizenship, spiritual freedom, social research awareness, altruism etc.)</i>	<i>.....</i>

Search for, analysis and synthesis of data and information by the use of appropriate technologies
 Adapting to new situations
 Decision-making
 Individual/Independent work
 Project planning and management
 Critical thinking
 Development of free, creative and inductive thinking

3. MODULE CONTENT

The aim of this module is to provide an understanding on the relationship between tourism and the environment and to discover the management challenges arise from their interaction. This module deals with the interactions of tourism and the environment from the different perspective of stakeholders, including businesses, governments, non-governmental organizations, tourists and local communities. It presents the conflicting views on the economic and environmental impacts of tourism, in order to highlight the potential conflicts and consensus. Additionally, it examines the appearance of tourists with environmental worries, the role of different pressure groups in shaping tourism development, and the emergence of nature/eco-tourism. The examination of the aforementioned issues highlights and justifies the necessity for planning and environmental management of tourism development.

The subject matter of module DIT82 is analyzed below by educational week:

1. Introduction to the relationship "environment & tourism"
2. Market failure & property rights
3. Classification of environmental resources
4. The economics of pollution control
5. The economics on assessment of environmental preference
6. Water management and tourism
7. The ozone layer – climate change – air pollution quality management
8. Tourism & energy consumption – energy management in tourism
9. Solid waste in tourism-recycling
10. Structured environment & Tourism-biodiversity
11. Agriculture and tourism, forests, fishing-grounds
12. Sustainability policies for the environment and tourism

4. TEACHING METHODS-ASSESSMENT

MODES OF DELIVERY <i>Face-to-face, in-class lecturing, distance teaching and distance learning etc.</i>	Distance education with three (3) Group Counseling Meetings (OSS) during the academic semester on weekends.
USE OF INFORMATION AND COMMUNICATION TECHNOLOGY	We use : • Remote meetings tools (webex)

Use of ICT in teaching, Laboratory Education, Communication with students	Presentation software (e.g. power point) Additionally, the students use office automation tools, web browsers and e-reader for digital books.	
MODULE DESIGN Description of teaching techniques, practices and methods: Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, Internship, Art Workshop, Interactive teaching, Educational visits, projects, Essay writing, Artistic creativity, etc The study hours for each learning activity as well as the hours of self-directed study are given following the principles of the ECTS.	Activity	Semester Workload
	3 OSS (*4 hours)	12
	Preparation of Assignments (2 short assignments * 15 hours and 1 semester assignment * 30 hours)	60
	Examination	3
	Individual study	211
	Total module workload (hours)	286
STUDENT PERFORMANCE EVALUATION/ASSESSMENTMETHODS Detailed description of the evaluation procedures. Language of evaluation, assessment methods, formative or summative (conclusive), multiple choice tests, short-answer questions, open-ended questions, problem solving, written work, essay/report, oral exam, presentation, laboratory work, other.....etc. Specifically defined evaluation criteria are stated, as well as if and where they are accessible by the students	a1. Two (2) Short Written Assignments (SWA) with a weighting factor of 10% each in the final grade of the module. a2. One (1) Semester Assignment (SA) with a weighting factor of 20% on the final grade of the module. The written assignment score is activated only with a score equal to or above the pass mark (≥ 5) in the final or retake exams. a3. Final or repeated written examinations (FE) with a weighting factor of 60% on the final grade of the final examination. The Final Grade (FG) of each subject, on a scale of 10, is calculated as follows: $\text{Final grade FG} = (\text{SWA1} \times 0,1) + (\text{SWA2} \times 0,1) + (\text{SA} \times 0,2) + (\text{FE} \times 0,6)$ Eligibility for the final examinations: The right to participate in the final examinations is secured by obtaining at least 50% of the sum of the potential passmark out of the total number of assignments assessed, i.e. 20 points out of 100, on the basis of the weighting factors mentioned in points a1 and a2 above. All the criteria are posted, both in each written assignment, as well as in the general regulation of the Hellenic Open University at: https://www.eap.gr/education/study-regulations/.	

5. SUGGESTED BIBLIOGRAPHY

- Suggested bibliography: **Kokkosis, Ch & Tsartas, P. (2001). Sustainable tourist development and environment. Publications KRITIKI. ISBN: 9789605862510** (in Greek)

-Additional digital material is available within the “study” platform:

- Chalkos, G.E., Γ.E. (2016). Finance of Natural Resources & Environment. Publications Disigma. (in Greek)
- Dwyer, L., Forsyth, P. & Dwyer, W. (2020). Tourism Economics and Policy. Channel View Publications.
- Karagiannis, S & Vavizos, G. (2017). Introduction to environmental science. Parisianou Scientific Publications. (in Greek)
- Tietenberg, T. & Lewis, L. (2010). Environmental & natural resource economics. Ed. A. Papandreou. (trans. In Greek: A. Sokodimos). Publications Gutenberg.
- Andriotis, K. (2008). Sustainability and Alternative Tourism. Publications Stamouli.
- Miller, G.T., Spoolman, S.E. (2018). Environmental Science. (Scientific editors P. Dimitrakopoulos, & K. Gavrilakis), (trans. In Greek A. Milios). Publications Giola.
- Bhattacharyya, S.C. (2019). Energy Economics. Springer-Verlag.
- Tribe, J. (2019). (ed. G. Agiomyrgianakis, A. Menegaki), (trans. In Greek A. Sokodimos). The Economics of Leisure, Leisure and Tourism. Publications Gutenberg.

-Related Scientific Academic Journals:

1. Menegaki, A.N. (2018) 'Economic aspects of cyclical implementation in Greek sustainable hospitality', *Int. J.Tourism Policy*, Vol. 8, No. 4, pp.271–302.
2. Menegaki, A.N., Tsounis, N., Agiomirgianakis, G.M. (2021). The economic impact of climate change (CC) on the Greek economy, *Environment, Development and Sustainability*. pp. 1-17.
3. Menegaki, A.N. (2012). A social marketing mix for renewable energy in Europe based on consumer stated preference surveys, *Renewable Energy*, 39(1), pp.30-39.
4. Menegaki, A.N. & Agiomirgianakis, G.N. (2018). Sustainable technologies in Greek tourist accommodation: A quantitative review. *European Research Studies Journal*, 21(4), pp. 222-238.
5. Menegaki, A.N., Agiomirgianakis, G.M. (2019). Sustainable technologies in tourist accommodation: A qualitative review. *Progress in Industrial Ecology, An International Journal* ,13(4), pp. 373-400.