COURSE OUTLINE

(1) GENERAL

SCHOOL	SCHOOL OF EDUCATION		
ACADEMIC UNIT	DEPARTMENT OF PRIMARY EDUCATION		
LEVEL OF STUDIES	UNDERGRADUATE		
COURSE CODE	DEY065	**SEMESTER**	2nd (Spring)
COURSE TITLE	Concepts and Issues of the Environment and Sustainability		

INDEPENDENT TEACHING ACTIVITIES *if credits are awarded for separate components of the course, e.g. lectures, laboratory exercises, etc. If the credits are awarded for the whole of the course, give the weekly teaching hours and the total credits*	**WEEKLY TEACHING HOURS**	**CREDITS**
Lectures	3	4
Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).		

COURSE TYPE *general background, special background, specialised general knowledge, skills development*	General background – Specialized general knowledge
PREREQUISITE COURSES:	None
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	Greek
IS THE COURSE OFFERED TO ERASMUS STUDENTS	Yes (in Greek)
COURSE WEBSITE (URL)	http://ecourse.uoi.gr/course/view.php?id=780

(2) LEARNING OUTCOMES

Learning outcomes

The course learning outcomes, specific knowledge, skills and competences of an appropriate level, which the students will acquire with the successful completion of the course are described.

Consult Appendix A

- *Description of the level of learning outcomes for each qualifications cycle, according to the Qualifications Framework of the European Higher Education Area*
- *Descriptors for Levels 6, 7 & 8 of the European Qualifications Framework for Lifelong Learning and Appendix B*
- *Guidelines for writing Learning Outcomes*

It is expected that upon completion of the course, students will be able to:

- Understand the key dimensions of issues and challenges such as the depletion of natural resources, energy use, different forms of air, water and soil pollution, climate change, food production and distribution, biodiversity loss and ecosystems degradation etc.
- Know basic environmental concepts that are necessary for an integrated understanding of the above issues.
- Understand the interconnections of the above topics with other critical global issues of sustainability such as economic growth, consumption patterns, population growth, poverty, hunger, unemployment, migration, gender inequalities, and local and international conflicts.
- Investigate environmental and sustainability issues on a national and local scale.
- Identify and analyze ways and policies to address and manage the above issues.

General Competences

Taking into consideration the general competences that the degree-holder must acquire (as these appear in the Diploma Supplement and appear below), at which of the following does the course aim?

Search for, analysis and synthesis of data and information, with the use of the necessary technology
Adapting to new situations
Decision-making
Working independently
Team work
Working in an international environment
Working in an interdisciplinary environment
Production of new research ideas
Project planning and management
Respect for difference and multiculturalism
Respect for the natural environment
Showing social, professional and ethical responsibility and sensitivity to gender issues
Criticism and self-criticism
Production of free, creative and inductive thinking
……
Others…
…….

Adapting to new situations
Decision-making
Working independently
Team work
Working in an interdisciplinary environment
Respect for difference and multiculturalism
Respect for the natural environment
Criticism and self-criticism
Production of free, creative and inductive thinking

(3) SYLLABUS

This course deals with the most critical global and local issues of the environment and sustainability that concern humanity today. Energy use, air pollution, the greenhouse effect and climate change, wastewater and solid waste management, biodiversity loss and the production and distribution of food are the central issues of this course. The approach of these issues is such as to highlight and clarify basic concepts of Environmental Science that are found in the curricula of the Primary School courses. The main aim of the course is for the students to understand the causes, consequences and proposed ways of dealing with these issues on the one hand, and on the other hand to critically investigate the basic social, economic and political dimensions that frame them. These issues are examined on a global, national and local scale while contemporary data and typical examples are presented and commented on.

(4) TEACHING and LEARNING METHODS - EVALUATION

DELIVERY	Face to face, discussion, critical analysis of documentaries.

Face-to-face, Distance learning, etc.	
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY *Use of ICT in teaching, laboratory education, communication with students*	PowerPoint presentations, Use of the e-course and internet to study supplementary educational material, Communication with students.
TEACHING METHODS *The manner and methods of teaching are described in detail.* *Lectures, seminars, laboratory practice, fieldwork, study and analysis of bibliography, tutorials, placements, clinical practice, art workshop, interactive teaching, educational visits, project, essay writing, artistic creativity, etc.* *The student's study hours for each learning activity are given as well as the hours of non-directed study according to the principles of the ECTS*	
STUDENT PERFORMANCE EVALUATION *Description of the evaluation procedure* *Language of evaluation, methods of evaluation, summative or conclusive, multiple choice questionnaires, short-answer questions, open-ended questions, problem solving, written work, essay/report, oral examination, public presentation, laboratory work, clinical examination of patient, art interpretation, other* *Specifically-defined evaluation criteria are given, and if and where they are accessible to students.*	Summative or conclusive evaluation at the end of the semester with short-answer and/or multiple choice questions.

Activity	***Semester workload***
Lectures	39
Study and analysis of bibliography	46
Study and analysis of web-based educational material	12
Examination hours	3
Course total	***100***

(5) ATTACHED BIBLIOGRAPHY

MAIN BIBLIOGRAPHY (Eudoxus system):

- Γεωργόπουλος, Α., Νικολάου, Κ., Δημητρίου, Α., Γαβριλάκης, Κ., Μπλιώνης, Γ. (2014). *Γη, ένας μικρός και εύθραυστος πλανήτης*. Αθήνα: Gutenberg.
- Miller Tyler G. and Spoolman S.E. (2018). *Περιβαλλοντική Επιστήμη*. 15η έκδοση. Επιστ. επιμέλεια ελληνικής έκδοσης: Δημητρακόπουλος, Π. και Γαβριλάκης, Κ. Θεσσαλονίκη: Εκδόσεις ΤΖΙΟΛΑ.

ADDITIONAL SUGGESTED RESOURCES:

- Educational material from the e-course.
- The Portal of Environmental Education Educational Material: www.env-edu.gr
- Environmental Education Portal: www.kpe.gr
- European Environment Agency: http://www.eea.europa.eu/el
- Greek Ministry of Environment and Energy: http://www.ypeka.gr/
- European Commission – Environment: http://ec.europa.eu/environment/index_en.htm
- United Nations Environment Programme (UNEP): https://www.unep.org/
- WWF-Hellas – Environmental Education: https://www.wwf.gr/shmeio_gnosis/perivallontiki_ekpaideush/
- International Union for Conservation of Nature (IUCN): https://www.iucn.org/