

COURSE OUTLINE

1. GENERAL

SCHOOL	SCHOOL OF HEALTH AND CARE SCIENCES		
ACADEMIC UNIT	DEPARTMENT OF BIOMEDICAL SCIENCES -AESTHETICS AND COSMETIC SCIENCE		
LEVEL OF STUDIES	UNDERGRADUATE		
COURSE CODE	6041	SEMESTER	6
COURSE TITLE	ENVIRONMENT & COSMETICS		
INDEPENDENT TEACHING ACTIVITIES <i>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</i>	WEEKLY TEACHING HOURS	CREDITS	
LECTURES	3		
LABORATORY EXERCISES	-		
		4	
<i>Add rows if necessary. The organisation of teaching and the teaching methods used are described in detail at (d).</i>			
COURSE TYPE <i>general background, special background, specialised general knowledge, skills development</i>	OCSBC		
PREREQUISITE COURSES:	NO		
LANGUAGE OF INSTRUCTION and EXAMINATIONS:	Greek		
IS THE COURSE OFFERED TO ERASMUS STUDENTS	YES		
COURSE WEBSITE (URL)	https://bisc.uniwa.gr/course/perivallon-kai-kallyntika/ https://eclass.uniwa.gr/modules/auth/courses.php?fc=206		

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*

The aim and purpose of the course is to learn the variety of environmental factors that affect a person during the life cycle. These factors are related to the interventions and changes that human activity has caused to the environment, so students will be taught the way of avoiding the created adverse effects on humans.

At the end of the course students will be able to:

- know the impact of the environment on humans
- prevent the harmful effects
- - know the ways of protection from the environmental harmful conditions

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

3. SYLLABUS

Lectures

1. Environment and cosmetics. Endocrine disorder.
2. Nomenclature and properties of polymers in cosmetics.
3. Origin of microplastics in the environment.
4. Macroplastics-cosmetics packaging and environment.
5. Cosmetic raw materials from food waste.
6. Air pollution and skin. Metals in the environment. Skin lesions from natural causes.
7. Free radicals. Sun and skin.
8. Smoke and skin. Detergents. Occupational skin ulcers.
9. Types of environmental pollution. Ultraviolet pollution / noise pollution / air pollution and health.
10. Pesticides/Dioxins/Genetically modified food and health.
11. Weather and climate. Historical background of climate change. Impact of climate change on health. Effects of natural phenomena on health. (heat waves, floods, snowfalls and severe cold, forest fires, hurricanes, droughts, earthquakes, volcanoes).
12. Extreme weather events. Climate change and migration.
13. Treatment by the Aesthetic Cosmetologist.

4. TEACHING and LEARNING METHODS - EVALUATION

DELIVERY <i>Face-to-face, Distance learning, etc.</i>	Face-to-face	
USE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY <i>Use of ICT in teaching, laboratory education, communication with students</i>	Use of ICT in teaching, e- class	
TEACHING METHODS <i>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</i>	Activity	Semester workload
	Lectures	70
	Study and analysis of bibliography	50
	Course total	120
STUDENT PERFORMANCE EVALUATION <i>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.</i>	<p>Language: Greek</p> <p>Methods of evaluation: 100 % multiple choice questionnaires, short-answer questions</p> <p>criteria are given</p>	

5. ATTACHED BIBLIOGRAPHY

- Suggested bibliography:

1. Alachiotis S., Introduction to genetics, Greek Letters, 2005.
2. Haniotis F., Pathology, Litsas Medical Publications, 1997.
3. Protopapa E., Skin Exposure Roads, Notes on the Postgraduate Program "Environment and Health" in partnership with the Medical School of Athens.
4. Katsougianni K. Air Pollution and Health. National Research Foundation, Scientific Training Lectures "Environment and Health".
5. Donna AA and Arvanitogiannis I.S. "Genetically modified foods and their effects on health". Archives of Greek Medicine 2009,26 (6): 727-740
6. Karvounis S. and Georgakellos D. Environmental management. Stamouli Publications, Athens 2003
7. Dimitriadis EA Toxic heavy metals and their specific effect on various types of dementia. (on line: <http://www.encephalos.gr>)
8. Isaris. Dioxins what we need to know
9. Explosion of migration wave due to climate change (on line: <http://www.solon.gr>)
10. Karageorgiou: Noise pollution (<http://www.library.tee.gr>)
11. Hatzis: Noise pollution (<http://www.library.tee.gr>)

12. Sygkollitou Efthymia, Environmental psychology Contemporary trends in Greece, Kyriakidis Publications.
13. C. Brooks and N. Marshall, Basic Endocrinology, Parisianos 2004.
14. Links between pesticides and mental health (on line:
<http://www.healthandenvironment.org>)

Suggested Journals: Marine Pollution Bulletin, Environmental Sciences and Pollution, Environmental Research