

Title:			
Code number:		Type:	Optional
Level:	Undergraduate		
Year:	3	Semester:	F
ECTS Units:	4	Teaching Units:	3
Lecturer(s):	Olga-loanna Kalantzi		
Content outline and weekly schedule:	<ol style="list-style-type: none"> 1. Introduction to Environmental Health 2. Chemicals and toxic substances 3. Policy and legislation on occupational health and safety 4. Diseases of the 21st century 5. Indoor environment pollution 6. Occupational health and safety 7. Health and safety in chemical laboratories 8. Atmospheric pollution 9. Water pollution 10. Soil pollution 11. Diet and health 12. Movie and discussion 13. Seminar 		
Learning Outcomes:	<ul style="list-style-type: none"> • Discuss basic concepts of environmental health and convey an understanding of their value and importance. • Discuss and develop insight into the following terms and concepts as they relate to global environmental health: toxic chemicals, diseases, indoor pollution, occupational exposure, air, water, soil pollution, diet. • Identify individual and human behaviours that hinder the well-being of environmental health globally. • Familiarize with the legislation on occupational health and safety. • Develop cooperative learning skills and how to work together as a team. • Develop critical thinking skills on environmental issues. 		
Prerequisites:	Organic Chemistry Environmental Chemistry		
Recommended Reading:	Lecture notes:	No	
	Basic textbooks:	1. Παπακωνσταντίνου, Μπελιάς (2007). Υγιεινή και ασφάλεια εργασίας - προστασία περιβάλλοντος. Εκδόσεις Rosili	
	Additional References:	<ul style="list-style-type: none"> • Βαλαβανίδης Αθ. (2007). Βασικές Αρχές Υγιεινής και Ασφάλειας σε Χημικά και Βιοχημικά Εργαστήρια. Πληροφορίες για Επικίνδυνες Χημικές Ουσίες. Τμήμα Χημείας, Πανεπιστήμιο Αθηνών (διατίθεται δωρεάν online): http://www.chem.uoa.gr/courses/organiki_1/v_al_hyg_asfaleia.htm 	

		<ul style="list-style-type: none"> Environmental Health (2011). Moeller. 4th edition. Harvard University Press
	Internet links:	http://www.who.int/topics/environmental_health/en/ http://www.cdc.gov/Environmental/ http://www.ehponline.org/ http://www.niehs.nih.gov/ http://www.environmentalhealthnews.org/
Learning Activities and Teaching Methods:	Lectures (hours/week):	3
	Practicals-Tutorials (hours/week):	
	Other learning activities:	Environmental health-related movie on Week 12 and discussion
Assessment/Grading:	Group assignment (60%) Written final exam (40%)	
Instruction Language:	Greek. For exchange students, English literature is proposed and examinations are given in English.	
Mode of delivery:	Face-to-face	