

Course unit title:	Principles and methods in environmental management		
Course unit code:	ABSO418		
Type of course unit:	Optional		
Level of course unit:	Bachelor (1 <sup>st</sup> cycle)		
Year of study:	4 <sup>th</sup>		
Semester when the unit is delivered:	7 <sup>th</sup> or 8 <sup>th</sup> semester		
Number of ECTS credits allocated :	6		
Name of lecturer(s):	Dr. Nina Gorovaia-Zeniou		
Learning outcomes of the course unit:	<p>Understand a wide range of management methods and techniques for risk analysis, participatory planning and decision-making.</p> <p>Examine the principles of environmental management in a wide range of situations, both on regional and business scales.</p> <p>Assess the consequences of environmental interventions and appreciate the ecosystem approach to environmental management</p> <p>Understand the current scientific opinions and practices on the effects of pollutants on ecological and human environments.</p> <p>Develop conceptual models from desk study information and acquire a basic understanding of key components of the environmental systems analysis</p>		
Mode of delivery:	Face-to-face		
Prerequisites:	ABSE305	Co-requisites:	None
Recommended optional program components:	None		
Course contents:	<p>Managers' responsibilities and the natural environment: Models and principles in environmental management theory.</p> <p>Techniques and methodologies of environmental impact assessment</p> <p>Uncertainty and the assessment of risks and hazards to the environment</p> <p>Integrated resource management</p> <p>Environmental Strategic Management, Environmental Operations Management, Environmental Planning, Green Politics and Economics.</p> <p>Environmental management in the private sector</p> <p>Socio-economic, political and managerial responsibilities</p> <p>Case study of environmental pollution: private and public responses</p> <p>The principles applied to successful environmental management</p> <p>Part 1: Theory and Approaches of Environmental Management</p> <p>Part 2: Resource Management and Environmental Management Issues</p> <ol style="list-style-type: none"> <li>1. Water, Coastal and Island Resources</li> <li>2. Agriculture, Land Degradation and Food Security</li> <li>3. Biodiversity Resources</li> <li>4. Atmospheric Issues</li> <li>5. Urban Environments and Industrial Pollution Issues</li> </ol>		

	<p>6. Environmental Threats</p> <p>Part 3: Environmental Management Tools and Policies</p> <p>Environmental Management Methods, Tools and Techniques</p> <p>Environmental Accounting, Greening Economics and Business</p> <p>Environmental Management and Development.</p>
Recommended and/or required reading:	Barrow, C (2006) Environmental Management and Development, 2 <sup>nd</sup> edition, Routledge
Textbooks:	Barrow, C (2006) Environmental Management and Development, 2 <sup>nd</sup> edition, Routledge
References:	<p>Staib, R (2009) Business Management and Environmental Stewardship: Environmental Thinking as a Prelude to Management Action, Palgrave Macmillan</p> <p>Friedman, F (2006) Practical Guide to Environmental Management, 10th edition, Environmental Law Institute</p> <p>Russo, M (2008) Environmental Management: Readings and Cases, 2<sup>nd</sup> edition, Sage</p>
Planned learning activities and teaching methods:	Lectures, discussions, presentation of case studies, movies, assignments. Power point presentations used in class, lecture notes and case studies are available to the students on the e-learning platform.
Assessment methods and criteria:	<p>Midterm test 20%</p> <p>Assignments 20%</p> <p>Final examination 60%</p>
Language of instruction:	English
Work placement(s):	No