

Environmental management (10-30cr.):

Title of the course: Environmental Management	NEPTUN-code: RKXKZ1EBNE	Weekly teaching hours: $l+cw+lb$ 1+2+0	Credit: 3 Exam type : tm
Course leader: Imre Biczó, Dr.	Position: master teacher	Required preliminary knowledge :	
Curriculum:			
<p>Environmental management is a rapidly evolving area of science; it is important for more and more sectors of human activity and plays a crucial role in establishing sustainable development.</p> <p>The Environmental Management focuses on environment, society and public policy, including resource management, environmental assessment and the social, economic and policy aspects of environmental change.</p> <p>The course deal with different aspects of environmental management to give some insights to evaluate environmental issues and contribute to the economic and policy decision making process in different organizations.</p>			
Professional competencies:			
<p>Knowledge of general and specific mathematical, natural and social scientific principles, rules, relations, and procedures as required to pursue activities in the special field of environment protection.</p> <p>In possession of state-of-the-art IT skills, being able to use professional databases and certain design, modelling, and simulation software depending on their specialty.</p> <p>Able to communicate both verbally and in writing in their mother tongue and in at least one foreign language, in respect of professional issues, and to continuously develop their professional skills as required.</p> <p>Able to participate in project and proposal implementation and audit tasks based on their knowledge.</p> <p>Able to participate creatively in engineering work based on their multidisciplinary skills, as well as to adapt to continuously changing circumstances.</p> <p>Efforts to improve knowledge by on-going self-education and continuously update their knowledge of the world.</p>			
Literature:			
C.J. Barrow; Environmental Management for Sustainable Development, 2 nd edition, Routledge			
S. Schaltegger, R Burritt, H. Petersen; An Introduction to Corporate Environmental Management, Greenleaf Publishing			
Comment:			