

**Table 5.2** Course specification

Type and level of studies: Bachelor			
<b>Course name:</b> Environmental management			
Course status: obligatory for Bachelor of Science in Environmental Protection /elective for Bachelor of Science in Chemistry – Quality Control and Environmental Management			
Number of ECTS credits: 6			
Requirement: -			
<b>Course aim</b>			
Introduce students to the global problems of today as a result of unsustainable human consumption, principles and mechanisms in environmental management at the micro, meso and macro levels.			
<b>Course outcome</b>			
The ability to recognize the "tools" and understand their application by the competent authorities in environmental management. Basic knowledge about the ways and possibilities of environmental management by organizations and the industrial sector.			
<b>Course content</b>			
<i>Theory</i>			
The man-environment interactions. Environmental status and environmental problems in the 21st century. Planning, legal, and economic instruments for monitoring and evaluation of environmental management. Indicators and DPSIR framework. Preventive measures for the protection of the environment. Integrated Environmental Pollution Prevention and Control. Environmental Impact Assessment. Accident management. Environmental management in organizations. Ecological marketing and advertising.			
<i>Practice: Practical classes, OFT, SRW</i>			
Examples of environmental degradation as a result of the activities of modern human society. Ecological footprint simulation, a measure of ecosystem degradation by human activity (water, air). Elaboration of key elements of developing a local action plan. Methods of application of environmental indicators. Simulations of the application of economic methods for calculation of benefit from the measures applied to reduce the negative impact on the environment. Examples of implementation of environmental management instruments by the organization-industry sector (life cycle assessment).			
<b>Literature</b>			
<ol style="list-style-type: none"> <li>1. Lj. M. Hodak: Uvod u Evropsku Uniju, Zagrebačka škola ekonomije i menadžmenta, 2004.</li> <li>2. J. Ivanjac: Izazovi ekološkog marketinga, Zadužbina Andrejević, Beograd, 2006.</li> <li>3. E. Gidens: Klimatske promene i politika, Clio, Beograd, 2009.</li> <li>4. M. Drenovak-Ivanović: Zaštita životne sredine u zakonodavstvu i praksi, Misija OEBS-a u Srbiji, Beograd, 2015.</li> </ol>			
Additional literature:			
<ol style="list-style-type: none"> <li>1. B. Dalmacija (Ed.): Osnovi upravljanja otpadnim vodama, Prirodno-matematički fakultet, Departman za hemiju, biohemiju i zaštitu životne sredine, Novi Sad, 2010.</li> <li>2. B. Dalmacija (Ed.): Granične vrednosti emisije za vode, Prirodno-matematički fakultet, Departman za hemiju, biohemiju i zaštitu životne sredine, Novi Sad, 2011.</li> <li>3. M. K. Theodore and L. Theodore: Introduction to Environmental Management, CRC Press, 2009.</li> </ol>			
<b>Number of classes of active teaching</b>			Other classes
Lectures: 3 (45)	Practice: 2 AV (30)	OFT:	SRW:
<b>Teaching methods</b>			
Lectures, laboratory exercises and consultation.			
<b>Assessment of knowledge (maximum of 100 points)</b>			
<b>Pre-exam obligations</b>	<b>Points</b>	<b>Final exam</b>	<b>points</b>
activity during lecture classes	5	written exam	40
practical teaching	5	oral exam	20
colloquia	20	.....	
seminars	10		