

**Table 5.2** Course specification

Type and level of studies: Bachelor			
<b>Course name: Environment and Sustainable development</b>			
Course status: elective			
Number of ECTS credits: 6			
Requirement: none			
<b>Course aim</b> This course introduces students to concepts of sustainable development, global ecological problems, conservation of natural resources, available instruments for achievements of sustainable goals- legislation, remediation technologies.			
<b>Course outcome</b> By the end of the course students will be able to: <ul style="list-style-type: none"> <li>• explain basic definitions related to environment and sustainable development</li> <li>• explain the human impact on the environment, list and explain global ecological issues and causes of degradation of environment</li> <li>• explain the value and the importance of the sustainable use of resources (water, air, soil, energy)</li> </ul>			
<b>Course content</b> <i>Theory</i> Environment and sustainable development- definitions, global issues, degradation, human impact.Principles of sustainable development.Global issues related to resources use- biodiversity, water, air, soil, energy, waste.Sustainable development strategies.Sustainable city.Green chemistry.Life cycle assessment.Legislation. Sustainable development at local and national level. <i>Practice:</i> Audio-visual excercises related to environment, pollution, environmental policies, sustainable development			
<b>Literature</b> М. Букановић: Животна средина и одрживи развој, Елит, Београд, 1996; Б. Стевановић и група аутора: Енциклопедија Животна средина и одрживи развој, Еколибри, Завод за уџбенике и наставна средства, Српско Сарајево, 2003.; А. Михајлов: Одрживи развој и животна средина ка Европи у 95+ корака, Привредна комора Србије, Београд, 2005., Е. Карловић: lectures, ПМФ, Нови Сад, 2009, amended version of I. Ivančev-Tumbas. Internet serach - relevant national, european and international web sites (environmental protection agencies, EC, authorities, etc)			
<b>Number of classes of active teaching</b>			Other classes
Lectures: 3 (45)	Practice: 2(30)	OFT: SRW:	
<b>Teaching methods</b> Lectures, auidi-visual excercises, qolloquia and consultations			
<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	<b>10</b>	written exam	<i>45</i>
practical teaching	<b>30</b>		
colloquia	<b>15</b>		