Add. 3		Course program for the second level (second cycle - postgraduate) of studies			
1.	Course title	An Introduction to Eco-innovation			
2.	Code	1M5SEE07			
3.	Study group(s)	SEE			
4.	The organizer of the study program (unit, institute, department)	"Ss. Cyril and Methodius" University in Skopje, Faculty of Mechanical Engineering - Skopje			
5.	Level (first, second, third degree)	Second			
6.	Academic year / semester	V / winter	7.	ECTS credits	6
8.	Professor	Prof. dr Atanas Kochov			
9.	Prerequisites for enrolling the course	None			
10.	Course objectives (competences): This course will contribute toward retains the invaluable core message that eco-innovation and technologies which will contribute toward the sustainable development, have become central to debates about environment and economic development. Containing a substantial number of new boxed case studies, learning outcomes, chapter summaries, discussion questions, further reading and websites, studying and analyzing models of clean technologies, resource efficiency, business models for implementation, this course will provide an essential introduction for students and their competences for developing projects and case studies for sustainable development.				
11.	Course content: This course places stronger emphasis on the global challenges of eco-innovation, clean technologies, resource efficiency and proper usage of resources. The models and tools for eco-innovation approach, business models that should apply will be presented. The course provoke students toward new consideration to the challenge of achieving sustainable development by introducing eco-innovation technologies in to the production processes, and contribute toward the lower carbon growth, climate adaptation and development of rapidly expanding economies.				
12.	Study methods: Interactive lectures, auditory and/or laboratory practice, selfrunning and/or team work on project assignments, selfrunning assignments				
13.	Total hours	6 ECTS x 30 = 180 hours			
14.	Hours allocation per activity:	30+30+30+30+60=180 hours			
15.	Lectures/Lab	15.1.	Lectures (15 weeks x 2)		30 hours
		15.2.	Lab (student work)		30 hours
16.	Project Work/Assignments	16.1.	Project assignments		30 hours
		16.2.	Individual assignments		30 hours
		16.3.	Self-study		60 hours
17.	Points/Marks:				
17.1.	Exams				60 points
17.2.	Projects				30 points
17.3.	Attendance				10 points
18.	Grading scale		Under 50		5 (five) (F)
			51 - 60 points		6 (six) (E)
			61 - 70 points		7 (seven) (D)
			71 - 80 points		8 (eight) (C)
			81 - 90 points		9 (nine) (B)

				91 - 100 points	10 (ten) (A)
19.	Prerequisites for taking the final exam			Seminar work delivered and approved	
20.	Language			English	
21.	Course evaluation			Student questionnaire	
22.	Textbooks				

<table>
<tr><td>22.1</td><td colspan="5">Instruction materials</td></tr>
<tr><td></td><td>No.</td><td>Author</td><td>Title</td><td>Publisher</td><td>Year</td></tr>
<tr><td></td><td>1.</td><td>Sperber B.</td><td>Environmental Sound Technologies for Sustainable Development</td><td>Springer-Verlag</td><td>2008</td></tr>
<tr><td></td><td>2.</td><td>Luken R., Rompaey F.</td><td>Environment and Industry in Developing Countries: Assessing the Adoption of Environmentally Sound Technology</td><td>Unido Press</td><td>2007</td></tr>
<tr><td></td><td>3.</td><td>Hermiosilla J., Gonzales P.</td><td>Eco-innovation: Sustainability and Competitiveness</td><td>MacMillan Bubl.</td><td>2009</td></tr>
<tr><td>22.2</td><td colspan="5">Supplemental Instruction Materials</td></tr>
<tr><td></td><td>No.</td><td>Author</td><td>Title</td><td>Publisher</td><td>Year</td></tr>
<tr><td></td><td>1.</td><td>David R. Godschalk</td><td>Sustainable Development Projects: Integrating Design, Development, and Regulation</td><td>APA Planners Press;</td><td>1 edition (April 7, 2014)</td></tr>
</table>