

## Standard Master program in Environmental Science

(Dated October 29<sup>th</sup>, 2015)

The total minimum required number of credits is:	<b>66 credits</b>
- General courses (required):	<b>07 credits</b>
- Fundamental and core courses:	<b>41 credits</b>
+ Required:	<b>20 credits</b>
+ Elective:	<b>21/66 credits</b>
- Master thesis:	<b>18 credits</b>

### Available curriculum

No	Code	Subjects	Credits	Credit hours			Prerequisite
				Lecture	Practice	Self-study	
<b>I</b>	<b>General courses</b>		<b>7</b>				
1	PHI 5001	<i>Philosophy</i>	3	30	15	0	
2	ENG 5001	<i>General English</i>	4	30	30	0	
<b>II</b>	<b>Fundamental and core courses</b>		<b>41</b>				
<i>II.1</i>	<i>Required</i>		<i>20</i>				
3	ENG 6001	<i>English for Academic Purposes</i>	3	15	15	15	
4	EVS 6102	<i>Principles of Environmental Science</i>	3	30	10	5	
5	EVS 6103	<i>Principles of Environmental Technology</i>	3	27	12	6	EVS6102
6	EVS 6108	<i>Environmental Quality Assessment and Control</i>	3	25	15	5	EVS6103

No	Code	Subjects	Credits	Credit hours			Prerequisite
				Lecture	Practice	Self-study	
7	EVS 6121	<i>Applied Ecology</i>	3	30	10	5	
8	EVS 6122	<i>Environmental and Natural Resource Economics</i>	3	30	10	5	
9	EVS 6104	<i>Field study</i>	2	8	20	2	
<b>II.2</b>	<b><i>Elective</i></b>		<b>21/6 6</b>				
10	EVS 6106	<i>Scientific Research methods</i>	3	30	15	0	
11	EVS 6107	<i>Ethics and Environmental Policy</i>	3	30	15	0	
12	EVS 6109	<i>GIS and Remote Sensing Application of Environment</i>	3	25	15	5	
13	EVS 6110	<i>Applied Mathematics for Environmental science</i>	3	25	15	5	
14	EVS 6123	<i>Sustainability science</i>	3	45	0	0	
15	EVS 6131	<i>Protected area management</i>	3	45	0	0	
16	EVS 6132	<i>Strategic Environmental Assessment</i>	3	45	0	0	EVS6121 EVS6122
17	EVS 6133	<i>System Approach in Environmental Management</i>	3	25	10	10	
18	EVS 6134	<i>Integrated Management of Natural Resources and Environment</i>	3	45	0	0	
19	EVS 6135	<i>Integrated Coastal Management</i>	3	45	0	0	
20	EVS 6136	<i>Environment Soil and Water Ecology</i>	3	45	0	0	
21	EVS 6137	<i>Energy and Environment</i>	3	45	0	0	

No	Code	Subjects	Credits	Credit hours			Prerequisite
				Lecture	Practice	Self-study	
22	EVS 6138	<i>Renewable Energy Engineering</i>	3	45	0	0	
23	EVS 6139	<i>Environmental Risk Assessment</i>	3	45	0	0	
24	EVS 6140	<i>Environmental Toxicology</i>	3	45	0	0	EVS6102
25	EVS 6141	<i>Heavy metals in Environment</i>	3	25	15	5	
26	EVS 6142	<i>Modeling of Contaminant Transport in Soil</i>	3	45	0	0	
27	EVS 6143	<i>Modeling of Pollutant Transport in Water</i>	3	45	0	0	
28	EVS 6144	<i>Models of air pollutant transportation in the environment</i>	3	45	0	0	
29	EVS 6145	<i>Dynamic modeling of environmental systems</i>	3	20	15	10	
30	EVS 6146	<i>Environmental information system</i>	3	25	10	10	EVS6102
31	EVS 6147	<i>Design and optimize the environmental monitoring program</i>	3	20	15	10	
<b>III</b>		<b>Master thesis</b>	<b>18</b>				
32	EVS 7005	<i>Master thesis</i>	18	0	0	270	
		<b>Total</b>	<b>66</b>				