

## Standard Master program in Soil Science

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

The total minimum required number of credits:	<b>64 credits</b>
- General courses (required):	<b>07 credits</b>
- Fundamental and core courses:	<b>39 credits</b>
+ Required:	<b>18 credits</b>
+ Elective:	<b>21/42 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>39</b>				
<i>II.1</i>	<i>Required</i>		<i>18</i>				
3	ENG 6001	<i>English for Academic Purposes</i>	3	15	15	15	
4	EVS 6165	<i>Soil mineralogy</i>	4	25	25	10	
5	EVS 6154	<i>Chemistry of Humus</i>	3	30	9	6	
6	EVS 6152	<i>Nutrient balance in soil</i>	3	45	0	0	

No	Code	Subjects	Credits	Credit hours			Prerequisite
				Lecture	Practice	Self-study	
7	EVS 6153	<i>Soil processes</i>	3	45	0	0	
8	EVS 6155	<i>Field study</i>	2				
II.2	<i>Elective</i>		21/42				
9	EVS 6151	<i>Agricultural systems</i>	3	30	10	5	
10	EVS 6168	<i>Soil Quality Evaluation</i>	3	30	10	5	EVS6153
11	EVS 6161	<i>Management of the tropical soils</i>	3	30	5	10	
12	EVS 6156	<i>Applied soil microbiology</i>	3	30	15		
13	EVS 6157	<i>Applied soil physics</i>	3	30	10	5	
14	EVS 6158	<i>Biological methods in improvement and protection of soils</i>	3	30	9	6	
15	EVS 6162	<i>Wetland</i>	3	30	5	10	EVS6153
16	EVS 6163	<i>Assessment of soil degradation</i>	3	30	5	10	
17	EVS 6164	<i>Applying GIS on Survey and Land Evaluation</i>	3	20	15	10	
18	EVS 6166	<i>Chemistry of Soil Colloid</i>	3	20	15	10	
19	EVS 6159	<i>Sloping land sustainable management and use</i>	3	30	9	6	

No	Code	Subjects	Credits	Credit hours			Prerequisite
				Lecture	Practice	Self-study	
20	EVS 6160	<i>Electro - chemistry of paddy soils</i>	3	30	10	5	
21	EVS 6169	<i>Biological approaches to sustainable soil systems</i>	3	30	5	10	
22	EVS 6170	<i>Desertification</i>	3	30	9	6	
<b>III</b>	<b>Master thesis</b>		<b>18</b>				
23	EVS 7007	Master thesis	18	0	0	180	
		<b>Total</b>	<b>64</b>				