

*** Land Management** (*Dated September 30th, 2015*)

Total credits of the curriculum:	140 credits
- General education knowledge:	28 credits
<i>(Not including physical education, military defense education and sc</i>	
- Basic courses:	6 credits
- Fundamental courses:	22 credits
- Core course:	19 credits
+ <i>Required:</i>	<i>17 credits</i>
+ <i>Elective:</i>	<i>2/8 credits</i>
- Advanced:	65 credits
+ <i>Required:</i>	<i>46 credits</i>
+ <i>Elective:</i>	<i>12/28 credits</i>
+ <i>Undergraduate thesis/ subjects replace</i>	
<i>thesis:</i>	<i>7 credits</i>

Available curriculum

No.	Code	Subject	Credits	Credit hours			Prerequisite
				Lecture	Practice	Self-study	
I		General education knowledge <i>(Not including subjects 10 -12)</i>	28				
1	PHI1004	<i>Fundamental Principles of Marxism - Leninism 1</i>	2	24	6		
2	PHI1005	<i>Fundamental Principles of Marxism - Leninism 2</i>	3	36	9		PHI1004
3	POL1001	<i>Ho Chi Minh Ideology</i>	2	20	10		PHI1005
4	HIS1002	<i>The Revolutionary line of the Communist Party of Vietnam</i>	3	42	3		POL1001
5	INT1003	<i>Introduction to Informatics 1</i>	2	10	20		
6	INT1005	<i>Introduction to Informatics 3</i>	2	12	18		INT1003
7	FLF2101	<i>General English 1</i>	4	16	40	4	
8	FLF2102	<i>General English 2</i>	5	20	50	5	FLF2101
9	FLF2103	<i>General English 3</i>	5	20	50	5	FLF2102
10		<i>Physical Education</i>	4				
11		<i>National Defence Education</i>	8				
12		<i>Soft Skills</i>	3				
II		Basic courses	6				
13	HIS1056	<i>Fundamentals of Vietnamese Culture</i>	3	42	3		
14	GEO1050	<i>Earth and Life Sciences</i>	3	30	10	5	
III		Fundamental courses	22				
15	MAT1090	<i>Linear Algebra</i>	3	30	15		
16	MAT1091	<i>Calculus 1</i>	3	30	15		

No.	Code	Subject	Credits	Credit hours			Prerequisite
				Lecture	Practice	Self-study	
17	MAT1192	<i>Calculus 2</i>	2	20	10		MAT1091
18	MAT1101	<i>Probability and Statistics</i>	3	27	18		MAT1091
19	PHY1100	<i>Mechanics - Thermodynamics</i>	3	30	15		MAT1091
20	PHY1103	<i>Electromagnetism - Optics</i>	3	30	15		MAT1091
21	CHE1080	<i>General Chemistry</i>	3	42		3	
22	PHY1104	<i>General Physics Practice</i>	2		30		PHY1103
IV		Core courses	19				
IV.1		Required	17				
23	GEO2317	<i>Fundamental Geography</i>	5	45	25	5	GEO1050
24	GEO2318	<i>Geodesy</i>	3	25	15	5	
25	GEO2060	<i>Cartography</i>	3	25	15	5	
26	GEO2091	<i>Fundamentals of remote sensing</i>	3	25	15	5	GEO2318 GEO2060
27	GEO2319	<i>Geographical information system</i>	3	25	15	5	INT1003 GEO2060
IV.2		Elective	2/8				
28	GEO2320	<i>Environmental Science and Climate change</i>	2	15	10	5	GEO2317
29	GEO2321	<i>Mathematics in Geography</i>	2	15	10	5	MAT1091 GEO2317
30	GEO2322	<i>Application of remote sensing and GIS in studies of marine geography and environment</i>	2	15	10	5	GEO2091 GEO2319
31	GEO2323	<i>Environment and Resource Management</i>	2	15	10	5	GEO2317
V		Advanced courses	65				
V.1		Required	46				
32	GEO3262	<i>Fundamentals and History of Land Administration</i>	4	45	10	5	
33	GEO3263	<i>Land law</i>	2	20	5	5	GEO3262

No.	Code	Subject	Credits	Credit hours			Prerequisite
				Lecture	Practice	Self-study	
34	GEO2076	<i>Land finance management</i>	2	17	8	5	GEO3262
35	GEO3265	<i>Land evaluation and land use planning</i>	4	30	25	5	GEO3262 GEO3266
36	GEO3266	<i>Soil science and soil Map</i>	2	15	10	5	GEO2060 GEO2317
37	GEO3267	<i>Evaluation of land use and land use change</i>	2	15	15		GEO3305 GEO2060
38	GEO3215	<i>Land registration and cadastral records</i>	3	20	20	5	GEO3263
39	GEO3269	<i>Land Information System</i>	3	25	15	5	
40	GEO3270	<i>Land Survey Data Processing</i>	3	25	15	5	MAT1101 GEO2318
41	GEO3271	<i>Cadastral Surveying and Application of information technology in mapping</i>	4	40	15	5	GEO2318 GEO2060
42	GEO3272	<i>Cadastral survey practice</i>	2		25	5	GEO3271
43	GEO2007	<i>Practice on Geodesy</i>	2	10	15	5	GEO2318 GEO2060
44	GEO3304	<i>Digital Photogrammetry</i>	3	35	5	5	GEO2318
45	GEO3305	<i>Photo Interpretation</i>	2	20	5	5	GEO2318
46	GEO3275	<i>Field practice on Digital Photogrammetry and Photo Interpretation</i>	2		30		GEO3304 GEO3305
47	GEO3226	<i>Physical Geography Fieldtrip</i>	2		30		GEO1050 GEO2060 GEO2318

No.	Code	Subject	Credits	Credit hours			Prerequisite
				Lecture	Practice	Self-study	
48	GEO4073	<i>Specialized practice</i>	2		30		GEO3265 GEO3215
49	GEO4074	<i>Essay</i>	2		30		
V.2		<i>Elective</i>	12/28				
50	GEO3276	<i>Applied GIS</i>	3	25	15	5	GEO2091 GEO3262
51	GEO3277	<i>Thematic maps in Land Administration</i>	2	25	5		GEO2318 GEO2060 GEO3265
52	GEO3216	<i>Real-estate Information System</i>	3	25	15	5	
53	GEO3043	<i>Satellite Geodesy</i>	2	20	5	5	GEO2318
54	GEO3073	<i>Sea Surveying</i>	2	25	5		GEO2318
55	GEO3041	<i>Geodesy</i>	2	20	5	5	GEO2318
56	GEO3280	<i>Land Inspection</i>	2	20	5	5	GEO3263
57	GEO3281	<i>Urban and rural planning studies</i>	3	20	20	5	GEO3262
58	GEO3282	<i>Land Valuation</i>	3	25	15	5	GEO3262

No.	Code	Subject	Credits	Credit hours			Prerequisite
				Lecture	Practice	Self-study	
59	GEO3283	<i>Building and management land administration database</i>	2	20	5	5	GEO3215
60	GEO3217	<i>Real estate management</i>	2	18	7	5	GEO3262
61	GEO3218	<i>Land statistics and inventory</i>	2	16	10	4	GEO3267 GEO3263
V.3		<i>Undergraduate thesis/ subjects replace thesis</i>	7				
62	GEO4075	<i>Thesis</i>	7				
		<i>Subjects replace thesis</i>	7/11				
63	GEO3219	<i>Environmental Impact Assessment</i>	3	20	15	10	GEO2317
64	GEO2310	<i>Geomorphology in Land Management</i>	2	15	10	5	GEO3221 GEO3262
65	GEO2025	<i>Fundamental planning and territorial organization</i>	2	15	10	5	GEO2317
66	GEO2313	<i>Resource Protection and Soil Environment</i>	2	15	10	5	GEO2317
67	GEO3293	<i>Agricultural land management and use</i>	2	16	10	4	GEO3263
		Total	140				