

### Guidance Plan for Undergraduate Students specializing in Applied Geography

First Year							
First Semester				Second Semester			
Course No.	Course Title	Credits	Learning Type	Course No.	Course Title	Credits	Learning Type
.....	University Compulsory Course	3	Online	.....	University Compulsory Course	3	Online
.....	University Compulsory Course	3	Online	.....	Faculty Course	3	Blended
1309102	Principle of Climatology	3	Online	.....	Specialty Elective Course	3	Online
1309111	Introduction to Geography	3	Online	1309142	Principle of Cartography	3	Face-to-Face
				1309101	Principle of Geomorphology	3	Face-to-Face
				1309114	Geography of Population and Demography Analysis	3	Face-to-Face
<b>Total</b>		<b>12</b>		<b>Total</b>		<b>18</b>	

Second Year							
First Semester				Second Semester			
Course No.	Course Title	Credits	Learning Type	Course No.	Course Title	Credits	Learning Type
.....	University Elective Course	3	Online	.....	University Elective Course	3	Online
.....	Specialty Elective Course	3	Online	.....	Faculty Course	3	Blended
.....	Faculty Course	3	Blended	1309303	Water Resources and Management	3	Face-to-Face
1309143	Principle of GIS	3	Face-to-Face	1309244	Advanced GIS	4	Face-to-Face
1309240	Applied Quantitative Geography	3	Face-to-Face	1309311	Regional Planning and its Applications	3	Face-to-Face
1309225	Applied Development Geography	3	Face-to-Face				
<b>Total</b>		<b>18</b>		<b>Total</b>		<b>16</b>	

Third Year	
First Semester	Second Semester

Course No.	Course Title	Credits	Learning Type	Course No.	Course Title	Credits	Learning Type
.....	University Compulsory Course	3	Online	.....	University Compulsory Course	3	Online
.....	University Elective Course	3	Online	.....	Faculty Course	3	Blended
.....	Faculty Course	3	Blended	.....	Specialty Elective Course	3	Blended
.....	Specialty Elective Course	3	Online	1309404	Survey Natural Resources and Management	3	Face-to-Face
1309423	Applied Urban Geography	3	Face-to-Face	1309321	Applied Economic Geography	3	Face-to-Face
1309320	Applied Geographic Transportation	3	Face-to-Face	1309407	Geography of Semi- Arid land and its Management	3	Face-to-Face
<b>Total</b>		<b>18</b>		<b>Total</b>		<b>18</b>	

Fourth Year							
First Semester				Second Semester			
Course No.	Course Title	Credits	Learning Type	Course No.	Course Title	Credits	Learning Type
.....	University Elective Course	3	Online	.....	Specialty Elective Course	3	Face-to-Face
.....	Faculty Course	3	Blended	1309322	Network Analysis in GIS	3	Face-to-Face
1309406	Hydrological analysis and Morphometric	3	Face-to-Face	1309441	Digital Image Analysis	4	Face-to-Face
1309322	GIS And RS Application in Geography	4	Face-to-Face	1309454	Field Training	3	Face-to-Face
1309440	Geographic Methodology	3	Face-to-Face	.....	Faculty Course	3	Blended
<b>Total</b>		<b>16</b>		<b>Total</b>		<b>16</b>	