

<b>M.Sc. Applied Geography and Geoinformatics</b>								
<b>SEMESTER-I</b>			<b>Credits</b>				<b>Assessment</b>	
Course	Course type	Title	L	T	P	Total L+T+P	IA 60mts	ES 150mts
Core Course	CC-01	Physical geography	3	1	0	4	40	60
Core Course	CC-02	Basics of GIS and GNSS	3	1	0	4	40	60
Core Practical	CP-01	Practical GIS and GNSS	0	0	2	2	40	60*
Core Practical	CP-02	Practical Basics of Image processing and Photogrammetry			2	2	40	60*
AECC**	AECC-01	Principles of Remote sensing	2	1	0	3	40	60
SEC**	SEC-01	Quantitative techniques in Geography	2	1	0	3	40	60
GE**	GE-01	Basics of Geoinformatics Sustainable Development Disaster Management	2	1	0	3	40	60
*180 mts		Total				21	700	
<b>SEMESTER-II</b>							IA	ES
Core Course	CC-03	Human Geography	3	1	0	4	40	60
Core Course	CC-04	GIS Data Analysis and Modeling	3	1	0	4	40	60
Core Practical	CP-03	Advanced Spatial Analysis	0	0	2	2	40	60*
Core Practical	CP-04	Advanced Digital Image analysis	0	0	2	2	40	60*
AECC**	AECC-02	Digital Image Processing	3	-		3	40	60
SEC **	SEC-02	Basics of Computer Programming	2	1		3	40	60
GE**	GE-02	Applications of Geoinformatics Regional Planning and Development Urban GIS-Smart cities	2	1		3	40	60
*180 mts		Total				21	700	
<b>SEMESTER-III</b>							IA	ES
Core Course	CC-05	Geoinformatics in Urban and Population Studies	3	1		4	40	60
Core Course	CC-06	Geoinformatics in Environment management	3	1		4	40	60
Core Course	CC-07	Geoinformatics in land and water resource management	3	1		4	40	60
Core Practical	CP-05	Surveying and Field Techniques			2	2	40	60*
Core Practical	CP-06	Advanced RS and GIS techniques			2	2	40	60*
DSE **	DSE-01	Cartography and Surveying	2	1		3	40	60
SEC **	SEC-03	Project / Field visit – 2- 3 weeks	0	0	3	3	40	60
*180 mts		Total				22	700	
<b>SEMESTER-IV</b>							Report & Viva	
Core	CC-08	Internship (Summer + Final) 6-8 weeks	L0+T0+P12			12	200	
DSE**	DSE-02	Dissertation 12-16 weeks	L0+T0+P08			08	100	
		Total				20	300	
<b>Grand total of credits</b>						<b>84</b>	<b>2400</b>	

DSE: Discipline Specific Elective

\*\* AECC: Ability Enhancement Compulsory Course

GE: Generic Elective

SEC: Skills Enhancement course

