

<b>BSc. in Geographical Information Science (Hons)</b>				
Sem.	Course Code and Title	Status	Credits	Notional Hours
1000:1	GGY 1003: Fundamentals of Physical Geography	C	3	150
	GIS 1001: Introductory Cartography	C	3	150
	GIS 1002: Basic Statistics	C	3	150
	ESS 1001: Basic Mathematics	C	3	150
	ESS 1002: Communication Skills	C	3	150
	ESS 1003: Logical Reasoning	C	3	150
1000:2	GGY 1004: Fundamentals of Human Geography	C	3	150
	GIS 1003: English for Geography	C	3	150
	GIS 1004: Mathematics for GIS 1	C	3	150
	ESS 1004: ICT Skills	C	3	150
	ESS 1006: Personality, Leadership and Ethics	C	2	100
	ESS 1007: Critical Thinking	C	2	100
<b>Total Credits and Notional Hours at 1000 Level</b>			<b>34</b>	<b>1700</b>
2000:1	GGY 2022: Climatology	C	3	150
	GGY 2023: Basic Geology	C	3	150
	GGY 2024: Economic Geography	C	3	150
	GIS 2001: Advanced Cartography	C	3	150
	GIS 2002: Introduction to GIS	C	3	150
	GGY 2030: Science for Geography	NC	2	100
2000:2	GGY 2026: Geomorphology	C	3	150
	GGY 2029: Political Geography	C	3	150
	GIS 2030: Aerial Photo Interpretation	C	3	150
	GIS 2003: Introduction to database management Systems	C	2	100
	GIS 2004: Spatial Database Management	C	2	100
	GIS 2005: Models in Spatial Sciences	C	2	100
GIS 2006: Mathematics for GIS II	NC	2	100	
<b>Total Credits and Notional Hours at 2000 Level</b>			<b>30</b>	<b>1500</b>
3000:1	GIS 3110: Biogeography	C	3	150
	GGY 3021: Geographical Methodologies	C	3	150
	GIS 3001: Spatial Statistics	C	3	150
	GGY 3027: Land Surveying and Management	C	3	150
	GIS 3004: Digital Photogrammetry	C	3	150
3000:2	GIS 3003: Advanced GIS	C	3	150
	GIS 3005: Remote Sensing 1: Principles and Techniques	C	4	200
	GIS 3006: Web GIS	C	2	100
	GIS 3007: Advanced Surveying and Levelling	C	3	150
	GGY 3029: Geography of Sri Lanka	C	3	150
<b>Total Credits and Notional Hours at 3000 Level</b>			<b>30</b>	<b>1500</b>

4000:1	GIS 4001: Seminar on Regions and Economy	C	3	150
		C	3	150
	GIS 4002: Spatial Modelling	O	2	100
	GGY XXXX: Optional List 2*	O	3	150
	GIS XXXX: Optional List 1**	C	4	400
	GIS 4998: Dissertation			
4000:2	GIS 4003: Remote Sensing II: Image Processing	C	3	150
	GGY XXXX: Optional List 2	O	2	100
	GIS XXXX: Optional List 1**	O	3	150
	GIS XXXX: Optional List 1**	O	3	150
	GIS 4999: Dissertation	C	4	400
	ESS 4995: Internship	C	3	300
Total Credits and Notional Hours at 4000 Level			33	2200
Number of Non-Credited Courses			04	200
Minimum Number of Credits and Notional Hours for 4 Years			127	6900

\* Optional List 2

GGY 4069: Environmental Impact Assessment

GGY 4018: Watershed Management

GGY 4068: Sustainable Development

\*\* Optional List 1

GIS 4501: GIS Applications in Land Use Planning

GIS 4502: GIS Applications in Urban Planning

GIS 4503: GIS Applications in Watershed Management

GIS 4504: GIS Applications in Health Sector