

PROGRAMME STRUCTURE

B.Sc + M.Sc. Hons Geo-Informatics Integrated

B.Sc. Semester 1

1.	Fundamentals of Geology and Understanding the Planet Earth
2.	Remote sensing and Geographic Information System
3.	Physics for Geoinformatics
4.	Mathematics for Geosciences I
5.	Behavioral Science
6.	Environmental Studies-1
7.	Foreign Business language (German/French)
8.	Punjabi
9.	Computing Techniques

B.Sc. Semester 2

1.	Environmental Earth Sciences
2.	Structural Geology
3.	Fundamentals of Mathematical Statistics
4.	Mathematics for Geosciences II
5.	Behavioral Science
6.	Environmental Studies-2
7.	Foreign Business language (German/French)
8.	Punjabi
9.	Fundamentals of Python

M.Sc. Semester 1

1.	Fundamentals of Remote Sensing
2.	Fundamentals of GIS and GPS
3.	Basics of Photogrammetry
4.	Database Management Systems and Tools
5.	Statistical Approaches and Modelling in Environmental Sciences.

M.Sc. Semester 2

1.	Digital Image Processing
2.	Geospatial analysis
3.	Application in Natural resource management
4.	Cartography and data representation

5.

Programming with Python