

**Postgraduate Program of Studies in  
EARTH SCIENCES AND THE ENVIRONMENT (M.Sc.) 2019-2021**

**Specialization: “Data processing and analysis in Earth Sciences”**

**FIRST YEAR**

**SEMESTER I (1<sup>st</sup>)**

No.	AREA	Code Number	MODULES	COMPULSORY (C) or ELECTIVE (E)	ECTS CREDITS
1.	<i>Data processing and analysis in Earth Sciences</i>	GEO_CAD01	Lithosphere tectonics and mechanics	C	8
2.		GEO_CAD02	Sedimentary Environments and Geochemical Processes	C	8
3.		GEO_CAD03	Geological processes in coastal and deep sea environments	C	7
4.		GEO_CAD04	Natural Hazards	C	7

**SEMESTER II (2<sup>nd</sup>)**

No.	AREA	Code Number	MODULES	COMPULSORY (C) or ELECTIVE (E)*	ECTS CREDITS
1.	<i>Data processing and analysis in Earth Sciences</i>	GEO_THE1	M.Sc Thesis I	C	16
				<b>ELECTIVE (selection of two)</b>	
2.		GEO_CAD05	Processing and analysis of structural geology data	E	7
3.		GEO_CAD06	Analysis of sedimentary basins - Stratigraphy	E	7
4.		GEO_CAD07	Analysis and interpretation of marine geophysical data	E	7
5.		GEO_CAD08	Collection and processing of Paleontological and Stratigraphic data	E	7

\* (selection of two)

**SECOND YEAR**

**SEMESTER III (3<sup>rd</sup>)**

No.	AREA	Code Number	MODULES	COMPULSORY	ECTS CREDITS
1.	<i>Data processing and analysis in Earth Sciences</i>	GEO_THE2	M.Sc. Thesis II	C	30