

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

Specialization: “Earth Materials - Environment”

FIRST YEAR

SEMESTER I (1st)

No.	AREA	Code Number	MODULES	COMPULSORY (C) or ELECTIVE (E)	ECTS CREDITS
1.	Earth Materials - Environment	GEO_OME01	Environmental impacts from exploitation of earth materials – Rehabilitation of landscape and the environment	C	8
2.		GEO_OME02	Earth materials and environmental applications	C	8
3.		GEO_OME03	Advanced topics in Mineralogy/Petrology/Ore Geology	E	7
4.		GEO_OME04	Earth Materials and Sustainable Development	E	7
5.		GEO_OME05	Instrumental methods for the analysis of earth materials	E	7
65.		GEO_OME06	Volcanic Hazards	E	7

* (selection of two)

SEMESTER II (2nd)

No.	AREA	Code Number	MODULES	COMPULSORY (C) or ELECTIVE (E)*	ECTS CREDITS
1.	Earth Materials - Environment	GEO_THE1	M.Sc Thesis I	C	16
2.		GEO_OME07	Preservation and Promotion of the Geologic and Cultural Heritage	E	7
3.		GEO_OME08	Clays and the Environment	E	7
4.		GEO_OME09	Gemstones	E	7
5.		GEO_OME10	Geochemical processes in soil protection systems	E	7
6.		GEO_OME11	Archaeometric approaches for the study of ancient ceramic and stone artefacts	E	7
7.		GEO_OME12	Geological, Industrial and Environmental Applications of Organic Petrology	E	7

* (selection of two)

SECOND YEAR

SEMESTER III (3rd)

No.	AREA	Code Number	MODULES	COMPULSORY	ECTS CREDITS
1.	Earth Materials - Environment	GEO_THE2	M.Sc. Thesis II	C	30