

Master's Degree in Geomatics Engineering and Geoinformation

MUIGG Structure 120 ECTS

FIRST YEAR

Semester A			Semester B		
Subject	ECTS	Category	Subject	ECTS	Category
Programming for Geospatial Applications	6	Compulsory	Web Development and Geoportals	6	Compulsory
Geostatistics and Multivariate Analysis	6	Compulsory	Distribution of Spatial Information	6	
Urban Planning and Cadastre	6	Compulsory	GIS Application Development	6	
Geomatic Applications in Geomarketing	6	Elective	Positioning	6	
Big Data/ Data Mining	6	Elective	Geospatial Content Managers and Smart Cities	6	Elective

SECOND YEAR

Semester C			Semester D		
Subject	ECTS	Category	Subject	ECTS	Category
Remote Sensing and Cartographic Updating	6	Compulsory	Instrumentation for Spatial Data Acquisition	6	Elective
Environmental Mapping and Modelling	6		Geovisualisation y 3D Modelling	6	
Techniques for Heritage and Architectural Documentation	6		Work Placement	6	
Sensor Georeferencing and Navigation	6		Master Thesis	18	Compulsory
Geospatial Apps in Mobile Devices	6				