	Advanced GIS (I): Geospatial Analysis and Modelling in GIS
Description	• Creation and editing of Digital Territory Models their derivatives. • Geospatial analyses, • Raster map creation. • Spatial and thematic queries. • Exploratory data analysis and geostatistical methods. • Visibility Analysis • Least Cost Analysis • Geomorphological analyses • Classification and thematic visualization • Density maps • Thiessen analyses • Risk assessment models
Learning Outcomes	After the course the student will be able to manage different heterogeneous geospatial information, to perform algebraic operations between raster maps, to do spatial analysis and to be able to create different forecast models of archaeological sites or risk models for the management and protection of archaeological resources.