

	Introduction to GIS
Description	<ul style="list-style-type: none"> • Fundamentals of Geographic Information Systems (GIS) in Archeology and History. • Types of geographic information (vector and raster) • Property tables and types of geographic information • Basic concepts of geodetics, coordinate systems and transformations. • Cartographic projections, spatial data structures. • Digitization of spatial data sets. • Georeferencing images. • Spatial interference. • Cartographic composition.
Learning Outcomes	<p>After the course the student will be able to</p> <ul style="list-style-type: none"> • Utilize a geographic information system for applications in the Digital Humanities. • To create Maps of historical and archaeological data in combination with other geographical data. • Understand the different projection systems that will be useful in GPS mapping and georeferencing maps in a GIS environment.