

GSP: Techniques and Methods for Spatial Analysis, Planning and Management

Specialization:

Cadastral and management of spatial data

1 st Semester	
Lectures	ECTS
Management of photogrammetric production	7,5
Statistical methods of spatial analysis	7,5
Geographical and cadastral data management in Geographical Information Systems (GIS)	7,5
Digital cartography and spatial data	7,5

2 nd Semester	
Lectures	ECTS
Advanced technical, legal and economic cadastral applications	6
Advanced GIS applications	7
Laboratory Applications	6
GIS and valuation of real estate	6

Study of Graduate Thesis is equivalent to 20 ECTS units.

Specialization:**Cartographic production and geographic analysis**

1 st Semester	
Lectures	ECTS
Statistical methods of spatial analysis	7,5
Geographical and cadastral data management in Geographical Information Systems (GIS)	7,5
Digital cartography and spatial data	7,5
Seminars I	7,5

2 nd Semester	
Lectures	ECTS
Management of geographic infrastructuse	6
Topics of geographic organization and analysis in Greece	7
Space and economy	6
Seminars II	6

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Specialization:**Organization and management of resources and development works**

1 st Semester	
Lectures	ECTS
Statistical methods of spatial analysis	7,5
Structural politics of European Union	7,5
Organization and management of transportation systems	7,5
Water resources quality and environmental management	7,5

2 nd Semester	
Lectures	ECTS
Space and economy	6
Evaluation of feasibility and economic viability of transportation projects	6
Water resources management	6
Topics of geographic organization and analysis in Greece	7

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