

Masters • Lisboa

APPLIED DATA SCIENCE TO GEOGRAPHICAL INFORMATION SYSTEMS

B*LSAS
PRE



Direction

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Secretariat

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Duration

2 Years

Credits

120 ects

Presentation

Data Science is a recent discipline that has responded to the recent need to interpret the large volumes of data that technological advances have brought to society. Within the framework of the European Community's 2030 objectives, which focus on sustainability, sectors such as precision agriculture, fisheries, geospatial data monitoring, maritime activities, infrastructure monitoring, the environment and land management can benefit from specialists in analysing data from Geographic Information Systems. As a response and within the strategy of ULP and ULHT, the master's course incorporates two competences with a view to specialising Data Scientists in Geographic Information Systems.

STUDY PLAN

1st Year / Common Core

1º Semestre	ects	2º Semestre	ects
Applied Programming for Data Science	7	Geography and Cartography	7
Fundamentals of Statistics for Data Science	7	GIS Applied to the Ocean	7
Geographic Information Systems	7	Information Visualization	7
Introduction to Data Science	7	Meteorology and Climatology	7
Orientation Seminar	2	Tutoring Seminar	2

2nd Year / Common Core

1º Semestre	ects	2º Semestre	ects
Air Sensors and Photogrammetry	7	Dissertation Seminar or Project Work	30
Data Science for Forestry and Agricultural Applications	7		
Project Seminar	9		
Topics on Machine Learning and its Applications	7		

Linha direta
para o teu futuro



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