

Master
in collaboration with:



DEPARTMENT OF
GEOSCIENCES



TESAF

DAFNAE



Objectives

The increasing availability of geographic information and the rapid development of new technologies for the management of geographic data (from drones, to WebGIS, to Mobile-GIS) require the updating, the reorganization and the development of decision-making processes in many sectors of the economy, public administration and the non-profit. The Master aims to prepare professionals able to: use appropriate interdisciplinary approaches, technological solutions and geographic information in addressing complex territorial issues; acquire, represent and analyze geographic information to spread expert use and to support complex decisions; manage the transformation of technologies supporting GIScience and orienting the identification of appropriate solutions for businesses, government agencies, citizenship

Paths

1. Production and management of geo-information
2. GIScience for environmental conflict management and participation on public decision making
3. Cartography and GIS for green infrastructures
4. Geoinformation and new technologies for sustainable agriculture

Training Activities

The Master is divided into 32 credits of common courses, 10 CFU for each academic path and 18 credits of stage. There are 336 hours of lectures, 714 hours of individual study, and 450 hours of stage for a total of 1,500 hours, corresponding to 60 credits.

Much of the teaching will be carried out in a computer room and / or laptops.

The Master takes the approach of learning in the situation, alternating lectures of teachers with practical examples and immediate experimentation. There will be excursions and survey activities on the field.

Application

Required qualification: Any master degree

Selection: Selection will be based on the evaluation of Curriculum; Thesis; Other publications;

Costs: 3.824,50 euro

Enrolment deadline: November 29, 2016.

See University website:

www.unipd.it/corsi/master/avvisi-selezione-master

Master's structure

Credits: 60

Available places: 40

Duration: March-December 2016 (Friday and Saturday)

Mandatory Attendance: 70%

Place: Padua, Italy



In partnership with FTO Remotefly is possible to benefit of the 50% of discount for the italian abilitation to be an UAV pilot.

People enrolled at the master will have a licence of ESRI ArcGIS Student Edition, for one year

Informations

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