

Master's Degree LM-69/73



**SCIENCE AND
TECHNOLOGY FOR
AGRICULTURE AND
MOUNTAIN AREAS**



UNIVERSITÀ
DEGLI STUDI DELLA
TUSCIA

DIPARTIMENTO DI SCIENZE AGRARIE
E FORESTALI

SCIENCE AND TECHNOLOGY FOR AGRICULTURE AND MOUNTAIN AREAS

Master's Degree

The course is delivered entirely in English and offers opportunities for training abroad. It provides professionals with skills in technological and digital innovations in agriculture and forestry. After completing introductory modules, students can choose between the following two curricula:

Digital Agriculture (LM-69)

This curriculum provides advanced training in the use of digital and precision agriculture technologies. Topics explored include precision agronomy and livestock, sensor technology, robotics applications in agriculture, and artificial intelligence applications. Teaching activities are supplemented by practical field and laboratory exercises, to help students apply their knowledge to real-world case studies.

Graduates will be prepared to work as farming consultants, in agritech and food-tech start-ups, or in companies producing software or machinery for smart agriculture. They will also be prepared for roles in public and private bodies involved in agro-environmental monitoring.

Mountain Areas Management (LM-73)

This interdisciplinary training programme is aimed at the sustainable development and protection of mountain ecosystems. Students will explore the use of advanced technologies for landscape analysis, building on a solid foundation in ecology. They will address issues related to the dynamics of forest and wildlife ecosystems, conservation, and environmental restoration strategies, as well as forestry and watershed planning.

Graduates will be prepared for careers in forestry and environmental consultancy, rural development and sustainable tourism, public administration, and international organizations involved in biodiversity protection and climate change adaptation. They will also be well-placed to work in bodies specializing in forestry and environmental protection.

INFO AND CONTACTS

Mountain Areas Management
LM-73



Digital Agriculture
LM-69



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TUSCIA

LM-69

**Agricultural Sciences
and Technologies**

LM-73

**Forestry and
Environmental
Sciences and
Technologies**

Years: 2

ECTS: 120

**Department of
Agriculture and
Forest Sciences**

Location

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