



UNIVERSITÀ
DEGLI STUDI
FIRENZE

DAGRI
DIPARTIMENTO DI SCIENZE
E TECNOLOGIE AGRARIE,
ALIMENTARI, AMBIENTALI E FORESTALI

Master of Science in NATURAL RESOURCES MANAGEMENT FOR TROPICAL RURAL DEVELOPMENT

Corso di Laurea Magistrale

Scuola di Agraria – Università degli Studi di Firenze

The MSc in Natural Resources Management for Tropical Rural Development is a cutting-edge graduate program, fully taught in English, which promotes research and professional training in the sectors of modern and sustainable agriculture, animal science and natural resource management.

The objective of the MSc is specialist education and training in technical and scientific areas of food production, environmental conservation and rural development with the purpose of improving food and water security and conservation of biological resources, and promoting capacity building and empowerment of local communities.

Pre-enrolment for NON EU students is open!

Due to COVID19 pandemic it is expected that lessons (at distance and/or by presence – depending on the future Italian Health regulations) will start on September 14, 2020!



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STUDY PLAN

The Msc in NATURAL RESOURCES MANAGEMENT FOR TROPICAL RURAL DEVELOPMENT is a 2-year graduate program, providing a Masters of the second level, in accordance with the framework of the Italian higher education system.

Lesson calendar: from mid September to mid December (first semester) and from second half of January to end of April (second semester).

Students are required to earn a total of 120 academic credits (ECTS): 93 for Classwork (Lectures, seminars, exercises, lab) and 27 for the Final thesis.

Year 1

TROPICAL TREE CROPS 9 ECTS
ON FARM IRRIGATION 6 ECTS
ANALYSIS OF FARMING SYSTEMS 6 ECTS
CROP PROTECTION 6 ECTS
TROPICAL CROPS 9 ECTS
AGROCLIMATOLOGY 9 ECTS
IRRIGATION WITH NON-CONVENTIONAL WATER SOURCES 6 ECTS

Year 2

Curriculum in Agricultural production

TROPICAL PLANT ECOLOGY 6 ECTS
LIVESTOCK PRODUCTION SYSTEMS 6 ECTS
RANGELAND MANAGEMENT 6 ECTS
PLANT BREEDING 6 ECTS
MACHINERY SYSTEMS IN TROPICAL AGRI-FOOD CHAIN 6 ECTS
LABORATORY 9 ECTS
FREE CHOICE SUBJECTS 12 ECTS
FINAL THESIS 27 ECTS

Curriculum in Land and Water

INFORMATION TECHNOLOGY IN IRRIGATION 6 ECTS
WATER RESOURCE EVALUATION AND MANAGEMENT 6 ECTS
LAND EVALUATION 6 ECTS
AGRONOMY AND SOIL MANAGEMENT 6 ECTS
LABORATORY 6 ECTS
FREE CHOICE SUBJECTS 12 ECTS
FINAL THESIS 27 ECTS

TO ENROLL

Entry academic requirements from a BA degree course are:

- AGRONOMY 6 ECTS
- TREE CROPS 6 ECTS
- HERBACEOUS CROPS 6 ECTS
- PLANT PATHOLOGY AND ENTOMOLOGY 6 ECTS
- ANIMAL HUSBANDRY 6 ECTS
- AGRICULTURAL HYDRAULICS 6 ECTS
- English language: B2 level in the Common European Framework

Students who do not meet these requirements can enroll in courses for those subjects that are lacking in order to pass the exams and earn the required credits.

NON-EU STUDENTS

To apply, students will have to:

- Pre-enroll at the Italian embassy/consulate in their country in the period May-June, according to the timeline set by the Italian Ministry of University.
- Follow the rules indicated by the International Desk of the University of Florence (internationaldesk@unifi.it)

DEADLINE, FEES AND SCHOLARSHIPS

Deadlines, fees and scholarships are regulated by Student Regulations (Manifesto degli Studi: www.unifi.it/vp-6385-manifesto-degli-studi.html)

Msc TIPS

Florence is a friendly town, rich in history, art and music. The city offers a wide range of cultural activities in the framework of a marvelous landscape. You will feel the emotional sensation of walking on the roads that were well known to Michelangelo Buonarroti and Leonardo da Vinci. Enrolled students will be able to take advantage of the rich international network provided through the School of Agriculture (Scuola di Agraria). This includes universities and private companies, located in different continents, where it will be possible to gain experience in tropical and subtropical areas . Italian language courses are also available .

Director of the MSc

prof. Andrea Pardini - andrea.pardini@unifi.it

CONTACTS FOR ADMISSIONS

"Scuola di agraria"
Piazzale delle Cascine, 18 - 50144 Firenze

Student registration office - Agraria

via Giovanni Miele, 3 - 50127 Firenze
Plesso Didattico Novoli
agraria@adm.unifi.it or informa.studenti@unifi.it

Non-EU students office

via della Pergola n. 60, 50121 Firenze
Phone: +39 - 055 275 6961/6962/6963/6964
e-mail: internationaldesk@unifi.it

All information is available on

<https://www.tropicalruraldevelopment.unifi.it>

JOB PLACEMENT

This MSc is primarily designed for the training of basic operators, project designers and coordinators, in the area of cooperation for rural development and environmental monitoring in tropical environments and supply chains related to livestock and crop products. Potential employers are invariably found within:

- Non-governmental organizations working on agricultural development and cooperation
- National and international institutions and research centers working on agricultural cooperation and development
- Institutions responsible for food safety in relation to international trade
- Companies operating in production and marketing of agricultural and livestock products with special focus on tropical and subtropical areas
- Graduated students can also become professionals in Italy.



Dear student, wherever and whoever you are, we warmly invite you to join our Master of Science Course on Natural Resources Management for Tropical Rural Development in Florence (Firenze - Italy).

Have a look to what we offer as University of Florence

(<https://www.youtube.com/watch?v=CnpDPGZKzr0>) , as a city (<http://www.firenzeturismo.it/en/>)

and in the Master course (<https://www.tropicalruraldevelopment.unifi.it/>)

then take your decision!