

DAFNE

DEPARTMENT OF AGRICULTURE AND FOREST SCIENCES

BACHELOR'S DEGREE

AGRICULTURAL AND ENVIRONMENTAL SCIENCES (L-25)

Course Director

Prof. Gabriele Dono

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Department Student Office:

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The three year degree course in Agricultural and Environmental Sciences offers knowledge and competences in various aspects of agricultural and environmental sciences, such as: the agricultural production and protection; breeding of the main zootechnical species; the first transformations of agro-zootechnical produce; agricultural economics and politics in agriculture; rural evaluations and the main molecular-biological, mechanical, hydraulic and building technologies in the production chain. The degree course also provides the theoretical foundations needed to understand how animals and plants work. At the same time, the course deals with sustainability and environmental protection in the field of agriculture.

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BACHELOR'S DEGREE

FOREST AND NATURAL SCIENCES (L-25)

The degree course in Forestry and Natural Sciences (SFN) deals with forestry and nature management and conservation in all their complexity and entirety. It aims at bridging the gap between natural science knowledge and practical, project-based knowledge. In order to face the challenges of the contemporary world, the three-year degree course allows graduates to understand and interpret the natural environment's main aspects and issues as well as local and global environments, and to connect them with the sustainable management of forestry and of the other local natural system.

DAFNE - DIBAF cross-department course
Dafne administration office

Course Director

Prof. Maria Nicolina Ripa
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BACHELOR'S DEGREE

MOUNTAIN SCIENCES (L-25)

Course Director

Prof. Bartolomeo Schirone

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The three-year degree course in Mountain Sciences (L-25), the only one in Italy, aims at providing graduates all the necessary competences for the analysis, design and management of mountain regions and their resources, with particular reference to Apennine and Mediterranean areas. The university training of Agricultural and Forestry Sciences graduates is enhanced by the promotion of mountain areas to ensure financial, tourism and business growth. The training programme aims at a technician with diverse skills and abilities in forestry, agriculture, the environment and finance through the management of the natural resources of mountain areas with a view to improving the financial and environmental aspects.

Location: Via Angelo Maria Ricci, 35/A

02100 Rieti

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DEPARTMENT OF AGRICULTURAL AND FORESTRY SCIENCES

MASTER'S DEGREE COURSES

BIOTECHNOLOGY FOR AGRO-FOOD SAFETY AND QUALITY (LM-7)

Course Director

Prof. Umberto Bernabucci

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The second cycle degree course in Biotechnology for Agriculture, the Environment and Health (CdLM/BioSiQuAl) is aimed at giving graduates a deep knowledge of the scientific aspects related to biotechnology for the development and improvement of agricultural authorities. Students will learn about the quality and safety control of raw materials and agro-food products, how to improve their nutritional and health value through the study of natural organic substances included in food and agro-industrial waste, and how to use them as ingredients in nutraceutical and pharmaceutical preparations. The CdLM/BioSiQuAl course offers extremely specialised training.

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DEPARTMENT OF AGRICULTURE AND FOREST SCIENCES

MASTER'S DEGREE COURSES

AGRICULTURAL AND ENVIRONMENTAL SCIENCES (LM-69)

Course Director

Prof. Rosario Muleo

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This degree course allows students to acquire in-depth and specialised knowledge and competences related to plant production and livestock aimed at planning and managing innovation in agricultural production from a quality and quantity point of view. The systemic approach combines biologic knowledge and needs with business and local resources, technical tools and environmental sustainability.

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DEPARTMENT OF AGRICULTURE AND FOREST SCIENCES

MASTER'S DEGREE COURSES

CONSERVATION AND RESTORATION OF FORESTS AND SOIL CONSERVATION (LM-73)

Course Director

Prof. Stefania Astolfi

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This second level degree course is aimed at graduates who wish to specialise in the sectors of conservation and redevelopment or restoration of environmental and forest degradation. The course is unique in that it is a blend of bio-ecological and geological-engineering studies with a thorough grounding in forestry theory and skills.

Postgraduate Studies And Master's Research Doctorates

PHD IN PLANT AND ANIMAL PRODUCTION SCIENCES (SPVA)

Coordinator

Prof. Roberta Bernini

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The general aim of this PhD course is to train researchers who are able to carry out various aspects of research autonomously, from conceptualising to planning and to the realisation of a project. Specific aims relate to the wide-ranging aspects of agricultural production, using traditional and innovative methodologies. To complete their training, SPVA doctoral students will be guided in their choice of specific courses, they will benefit from seminars, work experience in institutions abroad, and will be actively encouraged to participate in conventions.

POSTGRADUATE STUDIES AND MASTER'S RESEARCH DOCTORATES

PhD in Engineering for Energy and Environment (EEE)

Coordinator

Prof. Danilo Monarca

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Phone +39-0761 357364

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The principal aim of this PhD course is to equip doctoral students with an interdisciplinary view of engineering issues associated with energy and environment, characterized by high technological development. PhD students will be engaged in training and research in the following sectors: technologies for thermonuclear fusion; conversion and accumulation processes of energy in all its various forms; environmental protection; innovations in the fields of mechanics and agrarian mechanics, sensor technology, bio-systems & agriculture.

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DEPARTMENT OF AGRICULTURE AND FOREST SCIENCES

POSTGRADUATE STUDIES AND MASTER'S RESEARCH DOCTORATES

PHD IN ECOLOGY AND SUSTAINABLE MANAGEMENT OF NATURAL RESOURCES

Coordinator

Prof. Daniele Canestrelli
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The Doctorate in Ecology and Sustainable Management of Environmental Resources aims to train young professionals in the sector of ecological research, both basic, and applied to the sustainable use of natural resources and to environmental management. Students will acquire the skills needed to address the complex and multi-dimensional problems related to research activities, management and conservation in questions regarding the environment with interdisciplinary and multi-sectoral research approaches.

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DEPARTMENT OF AGRICULTURE AND FOREST SCIENCES

POSTGRADUATE STUDIES AND MASTER'S RESEARCH

DOCTORATES

PHD IN ECONOMICS, MANAGEMENT AND QUANTITATIVE METHODS EXTERNAL PHD PROGRAMMES

Coordinator

Professor Alessandro Sorrentino

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Department DEIM, DAFNE, DIBAF

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Department Student Office:

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Curriculum:

Agricultural Economics and Policies

Prof. Simone Severini

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The PhD course offers a high-level training programme in economics, business and mathematics-statistics for graduates who can understand the challenges of current economics: the social and environmental sustainability of economic development and of the use of natural resources; changes in the consumer role, work, and markets as a consequence of innovation.

POSTGRADUATE STUDIES AND MASTER'S RESEARCH DOCTORATES

I Level Master's Degree in Culture, Tradition and Innovation in Management of the Sports Horse

Coordinator

Prof. Nicola Lacetera

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Department Student Office:

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This Master's Degree aims at training specialists in the management of sports horses and in companies based on its presence by providing interdisciplinary knowledge taking into account the evolution of current norms and regulations as well as the latest market needs. Training activities will factor in the new financial and management strategies of the development and promotion activities in the national horse industry following the changes in horse racing according to a semi-private management overseen by the Ministry for Agricultural Policies.

POSTGRADUATE STUDIES AND MASTER'S RESEARCH DOCTORATES

I LEVEL MASTER'S DEGREE IN ENOGASTRONOMY - MANAGEMENT, ENHANCEMENT AND PROMOTION

Interdisciplinary Master's DIBAF - DEIM – DAFNE - DISUCOM - DEB

Coordinator

Prof. Diana De Santis

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The aim of the master's degree course is:

to prepare highly specialised professionals, with multidisciplinary skills, able to know, understand, evaluate and interpret with expertise the quality of enogastronomic products and activities, and to promote an efficient strategy of enhancement. Today, highly skilled professionals in this field are difficult to find in the current marketplace.

The course aims to enable you to acquire the technical communicative tools with a view to creating an awareness of the quality of foods, which is essential to successfully evaluate, enhance and/or manage a product.

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POSTGRADUATE STUDIES AND MASTER'S RESEARCH DOCTORATES

OFFICES AND STUDENTS SERVICES

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