Training, research and innovation in agriculture, food and environment

# Environment





AGRARIA



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#### MARCHE POLYTECHNIC UNIVERSITY

DEPARTMENT OF AGRICULTURAL, FOOD AND ENVIRONMENTAL

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UNIVERSITÀ Politecnica Delle Marche

DIPARTIMENTO DI SCIENZE AGRARIE, ALIMENTARI ED AMBIENTALI

# D3A Degree programmes Academic Year 2015 - 2016

## BSc. programmmes

#### 1st cycle, 3 years Agricultural Science (STA)

provides interdisciplinary skills in the agricultural sector, in the management of rural areas and in the viticultural and enological sectors. Two programmes are offered:

- Major in Agricultural Technologies (STA-TA)
- Major in Viticulture and Enology (STA-VE)

#### Forest and Environment (SFA)

Provides multidisciplinary knowledge for the sustainable management and conservation of woodland and environmental resources.

#### Food Science and Technology (STAL)

provides knowledge and trains professionals specialized in the management and control of the production, processing, storage, distribution, quality and safety of food products and beverages Master Programmes

#### 2nd cycle, 2 years, 2nd Level Master Land and Agricultural Sciences (SAT)

LM

trains professionals specialized in the sustainable management of agricultural technologies, crop production and protection also for social structures.

- Major in Crop Production and Protection
- Major in Social Farming

# Forest, Soil and Landscape Sciences (FORESPA)

prepares professionals trained in the analysis, planning and sustainable management of rural and mountain areas.

#### 3rd cycle, 3 years PhD programme

PhD in Agricultural, Food and Environmental Sciences.

3 years of high education to access the world of scientific research.

#### Master (1st level) 1 year

1st level International Master Programme in Biosafety of Genetically Modified Plants.

#### **Employment opportunities**

D3A graduates from the different degree programs are professionally engaged in the public and private sectors of agriculture, food and forestry and environment. After the attainment of a professional habilitation degree, graduates earn the title of agronomist or doctor in forestry.

Their skills are required in:

- Public Institutions (Ministries, Government or Regional and Local agencies, Forestry Corps, Regional Health System)
- National Services for Environmental Protection and Food Safety and Control
- National and Regional Parks and Reserves
- Agricultural, Viticultural, Forestry and Food private companies
- Producers' groups and associations
- National and International organizations (FAO, World Bank, UN, EU, etc.)
- Quality certification organizations (EMAS, PEFC, FSC, ISO, etc.)
- Large-scale distribution (GDO)
- Professional firms, service companies and laboratories for the environment management and protection and food safety.

### **SYLLABUS**