



UNIVERSITÀ
POLITECNICA
DELLE MARCHE

AGRARIA
D3A - DIPARTIMENTO DI SCIENZE
AGRARIE, ALIMENTARI E AMBIENTALI



Presentation



Emanuele Boselli – e.boselli@univpm.it
www.d3a.univpm.it



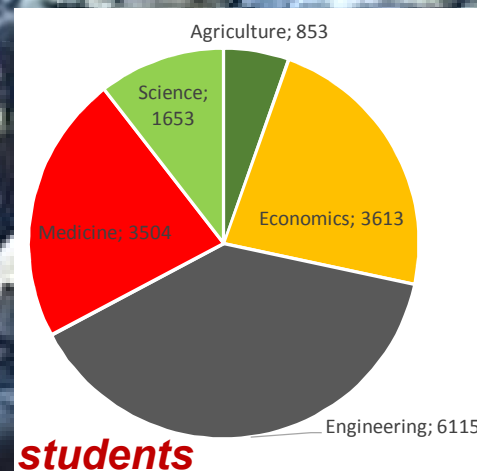


The region: Le Marche

- Marche region: 1.5 million inhab.
- Ancona, capital town
- To Milan, 450 km
- To Rome, 300 km



Founded 1969
16,091 students
527 professors
526 administrative/technical staff
46 Degree Programmes



Università

LE CLASSIFICHE DEL «SOLE 24 ORE»

Le p
Asp
deg

Le graduatorie

CLASSIFICA GENERALE

Punteggi complessivi basati
per il 50% sulla didattica e per il
50% sulla ricerca

ATENEI STATALI

1	Verona	88
2	Torino	82
3	Milano Politecnico	81
4	Bologna	81
5	Padova	76
6	Milano Bicocca	75
7	Siena	75
8	Monza Politecnica	75
9	Venezia Ca' Foscari	74
10	Parma	72
11	Torino Politecnico	72
12	Macerata	72
13	Piemonte Orientale	70
14	Ferrara	69
15	Milano	68
16	Firenze	65
17	Udine	62
18	Cremona	61
19	Viterbo	61
20	Venezia Iuav	60
21	Modena e Reggio Emilia	59
22	Brescia	58
23	Roma Foro Italico	57
24	Pisa	56
25	Torino	55
26	Salerno	54
27	Orlando	54
28	Roma La Sapienza	52
29	Genova	52

CLASSIFICA DIDATTICA

Punteggi basati su attività
didattica e sulla qualità della
didattica stessa

ATENEI STATALI

1	Milano Politecnica	82
2	Verona	77
3	Parma	76
4	Bologna	75
5	Torino	74
6	Torino Politecnico	72
7	Venezia Iuav	72
8	Ferrara	71
9	Siena	70
10	Modena e Reggio E.	70
11	Siena Stranieri	70
12	Brescia	67
13	Padova	67
14	Perugia Stranieri	67
15	Marche Politecnica	66
16	Milano Bicocca	65
17	Milano	64
18	Venezia Ca' Foscari	63
19	Camerino	61
20	Imperia	61
21	Macerata	61
22	Treviso	61
23	Udine	60
24	Piemonte Orientale	59
25	Genova	58
26	Roma Foro Italico	58
27	Torino	58
28	Torino	58
29	Parma	57

CLASSIFICA RICERCA

Punteggi basati su attività
di ricerca e sulla qualità della
ricerca stessa

ATENEI STATALI

1	Verona	99
2	Torino	92
3	Bologna	87
4	Milano Bicocca	86
5	Padova	85
6	Marche Politecnica	84
7	Venezia Ca' Foscari	84
8	Macerata	82
9	Milano Politecnico	80
10	Piemonte Orientale	80
11	Siena	80
12	Viterbo	76
13	Firenze	78
14	Milano	73
15	Torino Politecnico	72
16	Salerno	71
17	Parma	69
18	Ferrara	67
19	Udine	64
20	Napoli Orientale	62
21	Catania	59
22	Pisa	57
23	Roma Foro Italico	55
24	Chieti-Pescara	54
25	Bari	53
26	Foggia	52
27	Siena Stranieri	51
28	Torino	51
29	Brescia	49

UNIVPM is no. 6 in the general ranking of Italian universities and scientific research

01/06/2016

5



Ancona, about
100.000 inhabitants



approximately cost of life in Ancona:

University tuition fee: 500-1500 €/year

Complete meal at the University canteen: 5 €

Public transportation town area: 30 €/month

Room rent 280 €/month

Cinema: 7,50 €

Train ticket to Rome one-way: 18 € (4 h)





Univpm – Monte Dago Campus

Faculty of Agriculture

Faculty of Science

Faculty of Engineering





Faculty of Agriculture

founded 1988



Department of Agricultural, Food
and Environmental Sciences

since August 2012



Dipartimento di Scienze Agrarie, Alimentari ed Ambientali

The 3A Department



Agriculture



Alimenti (Food)



Ambiente (Environment)

www.agraria.univpm.it

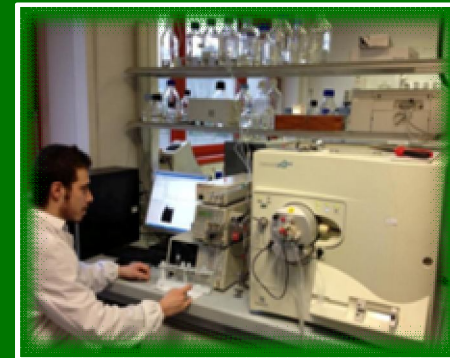


D3A activities

(53 permanent professors + 15 contract professors
+ 21 administrative staff)



high education



scientific research



communication (3rd mission)



teaching facilities in the campus



classrooms



study areas/library



ICT lab



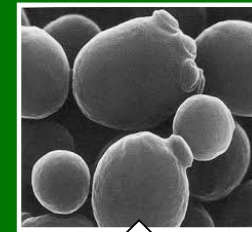
sensory analysis lab



microscopy lab



chemistry lab



microbiology lab

research facilities outside the campus

Experimental and Educational Farm “Pasquale Rosati”

Located in Agugliano (17 km from main campus)

Surface area: 140 hectares



research facilities outside the campus

Botanical Garden 'Selva di Gallignano'

located in Gallignano (11 km from main campus)

Surface area: 14 hectares

Research center for the conservation of floristic biodiversity



ex-situ
conservation



Germplasm
bank



Education
Center



the Department of Agricultural,
Food and Environmental Sciences
hosts the

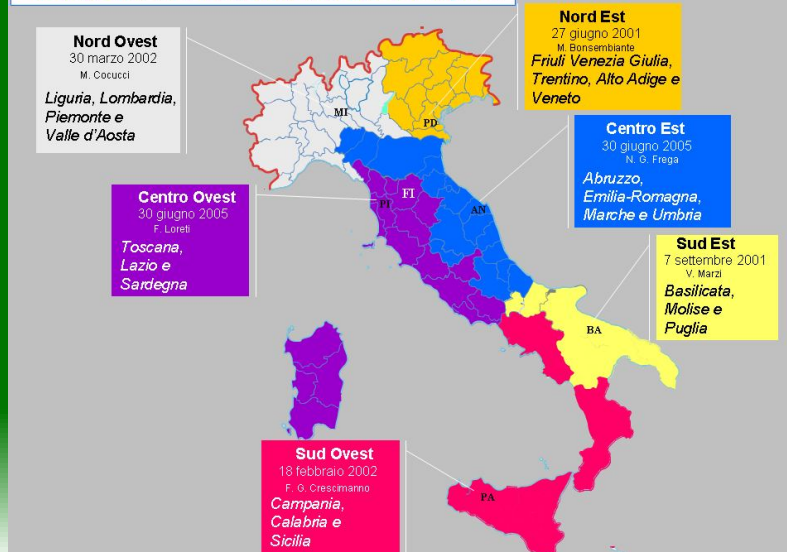
Accademia dei Georgofili



Sezione Centro-Est

*the oldest Italian Scientific Academy
(founded 1753) promoting the
Agricultural Sciences and headquartered
in Florence*

Le Sezioni dell'Accademia dei Georgofili





UnivPM

Università Politecnica delle Marche



CiRP

Centro Interdipartimentale
per la Ricerca sul paesaggio

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Presentation

1. The European Landscape Convention (ELC) encompasses three networks:

- UNISCAPE: network of European universities;
- RECEP-ENELC: public and governmental bodies network;
- CIVILSCAPE: the civil society

The Interdepartmental Centre for Landscape Research (ICLR) at the Università Politecnica delle Marche (Univpm) has been founded in 2010 as a natural consequence of the joining within the UNISCAPE network, bilaterally signed in late 2008. CiRP's main goal is to challenge the principles embedded in the European Landscape Convention (ELC), with a deep focus on research and teaching on landscape as a whole.

2. What does 'the term Landscape' not imply, according to the ELC

- a pure rhetoric of memory or an unraveled timeless nature
- scenic beauty
- a changeless steady conservation's object
- an open-air natural museum to exploitable as a mere tourism good

3. The originality of the ELC relay on its ability to:

- recognize each setting, outstanding beauty ones as well as the every days or degraded landscapes
- account for peri-urban landscapes as places where the complex interconnections between rural settings and cityscapes rise at the hectic (Article 2.45);
- work together to find answers to modern architectural, urban, social, economic, ecological issues as well as preserving the quality and richness of European landscapes;
- stimulate local development's patterns being compatible with the specific characteristics of each areas, with a special attention to be able to enhance participation of people living the places.

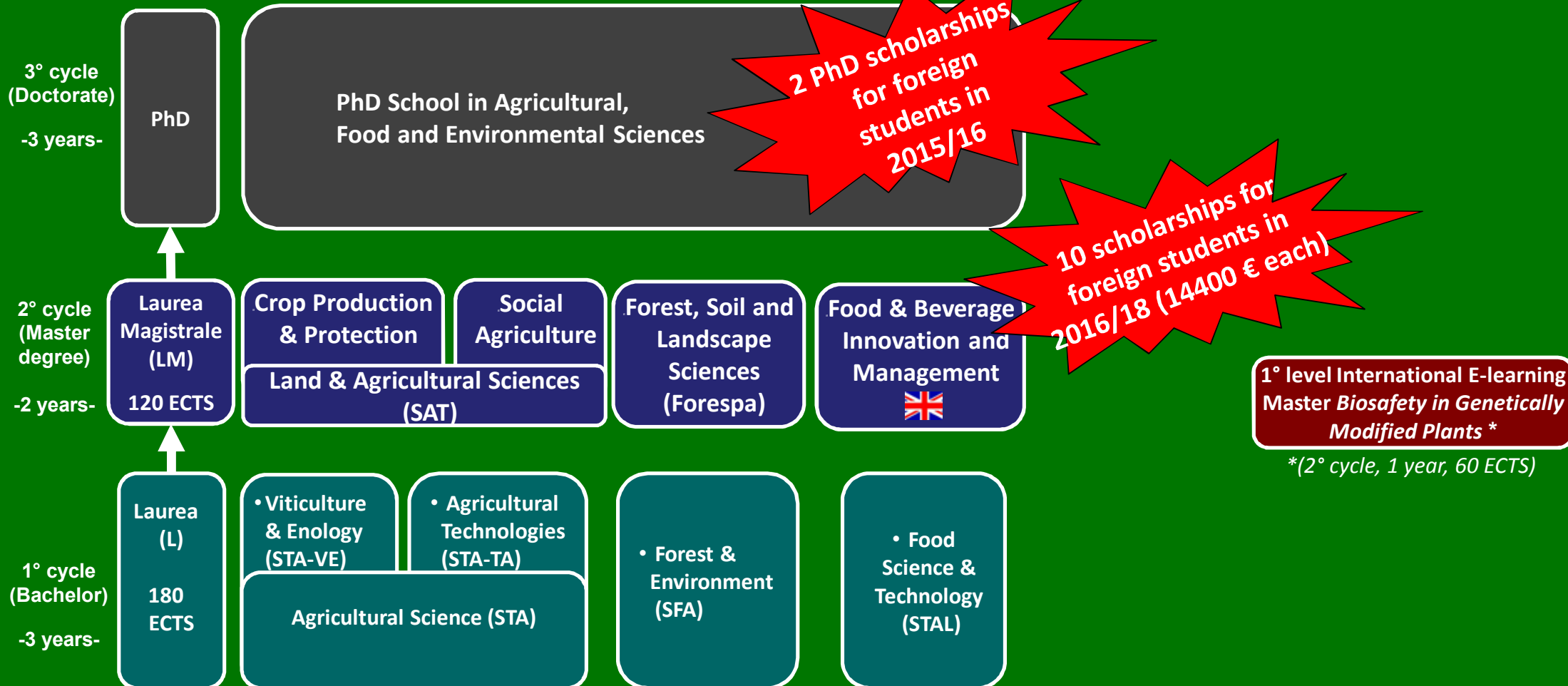
4. Policy, research and action dimensions in landscape's governance

The landscape has been defined in very many ways, in our believes it is the whole of interconnections between people and places they live, between society and the surrounding environment. A wholeness within which the physical reality and the subjective perception talk each other. A pull of interweaved complex behaves is the main distinctive landscape's characteristic, so there the only possible pathway to manage and intervene on such complex realm steps through a synergistic integration of biophysical and humanistic sciences.



Degree programmes at D3A (A.Y. 2016-2017)

Classes are scheduled during the first (September to December) and second semester (February to June)



studying at D3A means to learn how to

- *Contribute to the preservation of the environment and of the natural resources*
- *Realize and spread the sustainable use of rural land*
- *Develop farming techniques with low environmental impact*
- *Improve the quality and safety of food products and beverages with innovative & sustainable technologies*



Structure of the degree programmes

Bachelor's degree (L) 180 ECTS

- General subjects
- Specific subjects
- Related subjects
- Foreign language (English)
- Individual choice subjects
- Training /placement
- Final dissertation

Master's Degree (LM) 120 ECTS

- Specific subjects
- Related subjects
- Individual choice subjects
- Final dissertation

ERASMUS+



ERASMUS Mundus

- International mobility in about 56 universities
- Job placement (training) in Europe (Erasmus traineeship) and overseas (Campusworld program)



Agricultural Technologies (STA-TA)

General subjects

- Plant biology, Chemistry, Physics, Mathematics

Specific subjects

- General agronomy and crop science, tree physiology, orchard management, fruitculture
- Animal biology and basic animal science
- Agricultural chemistry and biochemistry
- Economic and rural appraisal
- Plant pathology, entomology, genetics
- Agricultural mechanization

Related subjects

- Rural buildings and geomatics
- Agricultural Microbiology and Agrarian (Food) Industries



Viticulture and Enology (STA-VE)

General subjects

- Plant biology, Chemistry, Physics, Mathematics

Specific subjects

- General agronomy, tree physiology, Viticulture
- Agricultural chemistry and biochemistry
- Economics, marketing and EU policy
- Plant pathology, Entomology, genetics
- Vineyard and winery mechanization

Related subjects

- Agricultural and Wine Microbiology,
Enology
Wine Chemistry



Food Science and Technology (STAL)

General subjects

- Plant biology, Biochemistry, Chemistry, Physics, Mathematics

Specific subjects

- Biology of Microorganisms, Food Microbiology, Hygiene
- Food Chemistry, Food technologies, Food quality control
- Unit operations in Food Technologies; Preserves and additives
- Economics and marketing
- Genetics, Physiology and Animal Nutrition

Related subjects

- Production of food crops
- Machines and plants
- Integrated pest management of food products



Forest and Environment (SFA)

General subjects

- Plant biology, Botany, Chemistry, Physics, Mathematics

Specific subjects

- Landscape analysis
- Forest chemistry, Genetics
- Entomology and Forest Zoology
- Management of grasslands
- Animal husbandry
- Economics, Evaluation and management of forest resources
- Forestry machines and technologies

Related subjects

- Plant ecology
- Forest Microbiology and Pathology
- Hydraulic forestry management



Master of Forest, Soil and Landscape Sciences (FORESPA)

Educational goals



Analysis and assessment

- of rural landscapes, forest and pastoral systems, agroecosystems and ecosystem services
- of environmental impact and the effects of natural and man induced disturbances



Project and planning at different spatial scales

- of forest and pastoral resources; pollution control and improvement of hydrogeological and soil systems
- conservation actions in High Natural Values (HNV), Natura 2000 and protected areas



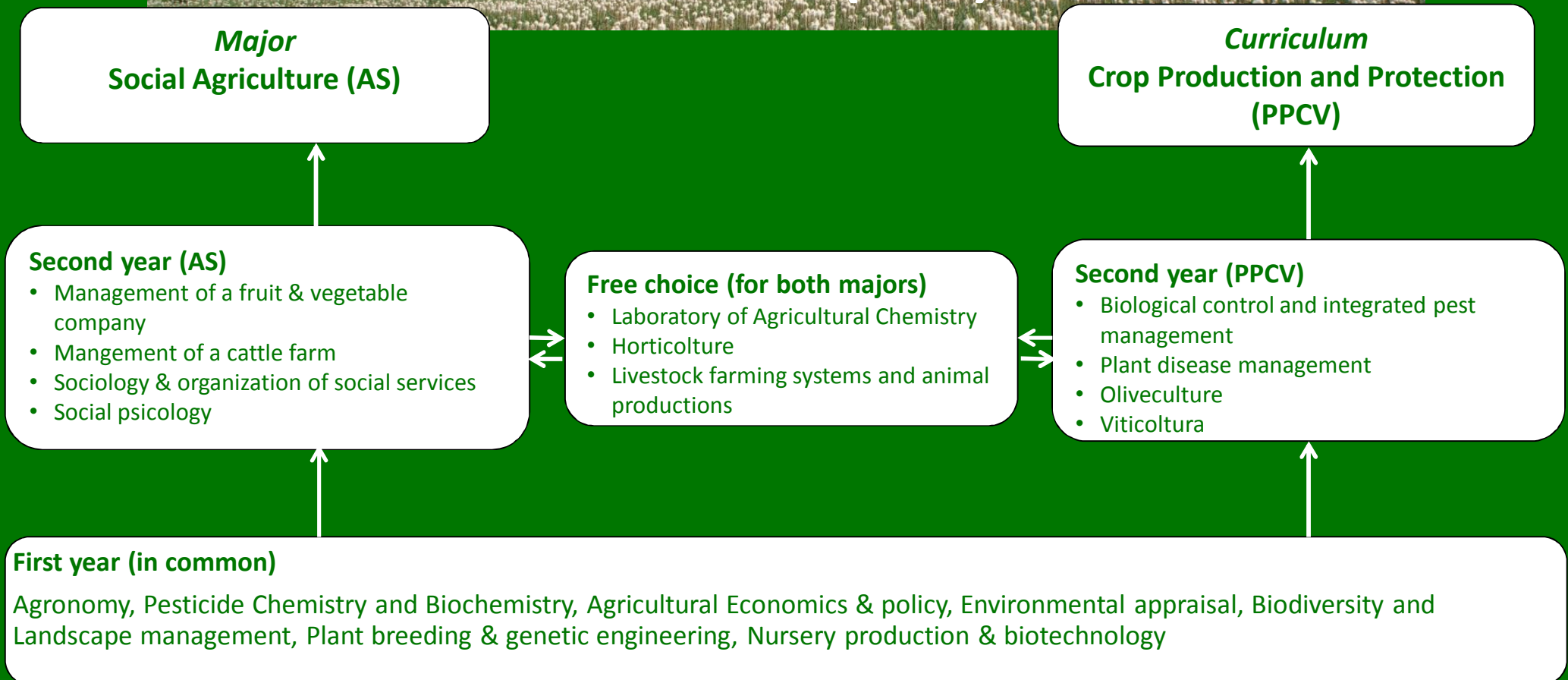
Management and promotion

- of forest-wood and agro-silvo-pastoral supply chains
- monitoring and conservation of plant and animal biodiversity
- restoration of degraded or abandoned areas and rehabilitation of habitats and ecological networks

Courses offered

- **Applied geology and hydrology**
- **Soil management and conservation (Integrated)**
 1. Soil assessment and maintenance
 2. Contamination analysis and soil rehabilitation
- **Wood products processing legnose (integrated)**
 1. Energy wood
 2. Industrial timber
- **Geomatics for land management**
- **Management of agro-pastoral systems**
- **Environmental policies and assessment of rural and mountain systems**
- **Quality monitoring of agro-ecosystems**
- **Large scale landscape management**
- **Livestock and wildlife management (integrated)**
 1. Sustainable livestock raising
 2. Wild ungulates management
- **Analysis of forest landscapes**
- **Ecological forest planning**
- **Mountain fruticulture and nursing techniques**
- **Genetic analysis for biodiversity conservation**
- **Microbiology and environmental biotechnologies**

Master degree *Land and Agricultural Sciences (SAT)*



Food & Beverage Innovation and Management (in English)



PROFILE & CAREER

As a graduate from the MSc programme in Food & Beverage Innovation and Integrated Management, you will be able to **integrate multidisciplinary knowledge** in order to develop and design **innovative** and **sustainable** food preparations, formulas and beverages. A unique blend of specialist knowledge, modern technology and ancient wisdom of the Italian and Mediterranean food culture will permeate your whole study experience, making it a distinctive character of this course.

CAREER OPPORTUNITIES

- ☐ Food & Beverage Development specialist
- ☐ Food & Beverage Designer
- ☐ Food Quality & Safety manager
- ☐ Food & Beverages manager/buyer
- ☐ Food & Beverage analyst
- ☐ Food Marketing and Communication advisor
- ☐ Life Cycle Assessment and Sustainability specialist
- ☐ Food & Nutrition educator

10 scholarships for foreign students in 2016/18 (14400 € each)

Master Degree Programme (2nd cycle) FOOD AND BEVERAGE INNOVATION AND MANAGEMENT (FOBIM) (Code AM04)

1st YEAR (will be activated in the A.Y. 2016-2017)

SEMESTER* (tentative)	Courses	no. of lecture hours	ECTS number
1	Accessory foods and beverages	54	6
2	Emerging food technologies	54	6
2	Energy and environmental sustainability in the agro-food industry	54	6
1	Food biochemistry	54	6
2	Food marketing and management	54	6
1	Food policy	54	6
	Fruit quality and disease management		
2	Module 1: Fruit quality control	54	6
2	Module 2: Postharvest disease management	27	3
2	Genetic resources and food traceability	54	6
total 1st year		459	51

2nd YEAR (will be activated in the A.Y. 2017-2018)

SEMESTER* (tentative)	Courses	no. of lecture hours	ECTS number
1	Enzymology in food processing	54	6
	Functional foods and beverages		
2	Module 1: Functional components	54	6
2	Module 2: Beneficial microbes	54	6
1	Microbiological risk management	54	6
total 2nd year		216	24
	Optional courses/A scelta dello studente	108	12
	Other activities/Altre attività (Lingua/Language)		6
	Traineeship/Tirocinio		6
	Final work/Prova finale		21
TOTAL of the Master Programme		783	120

*1=autumn; 2=spring

Optional courses

SEM	Courses	no. of lecture hours	ECTS number
to be decided	Budgeting	54	6
to be decided	Corporate communication e new media	54	6

1° Level International E-learning Master

**Biosafety of Plant Production:
Technology, development, innovation, environment and health**



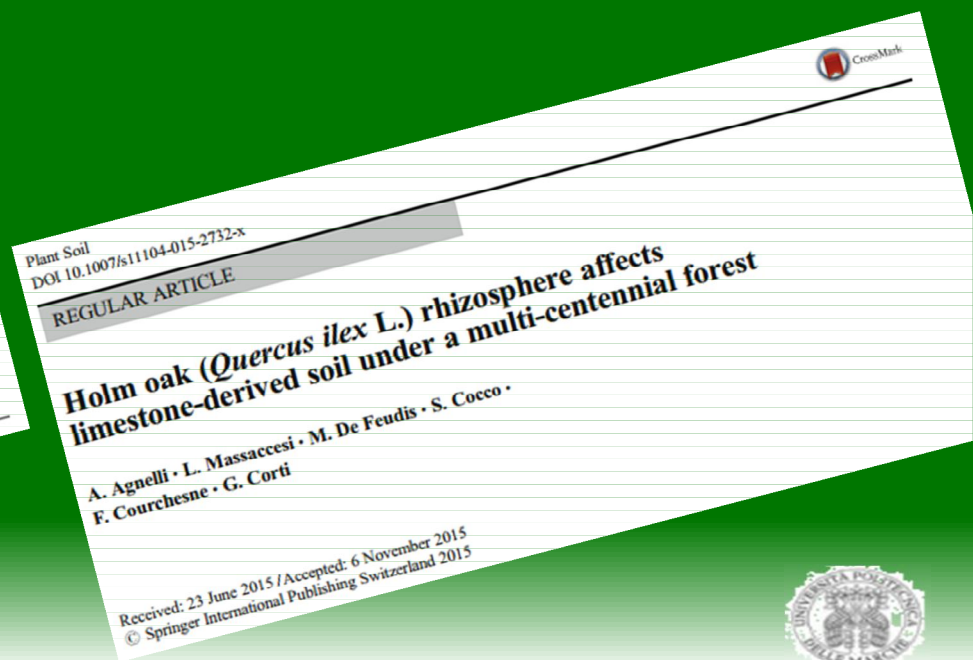
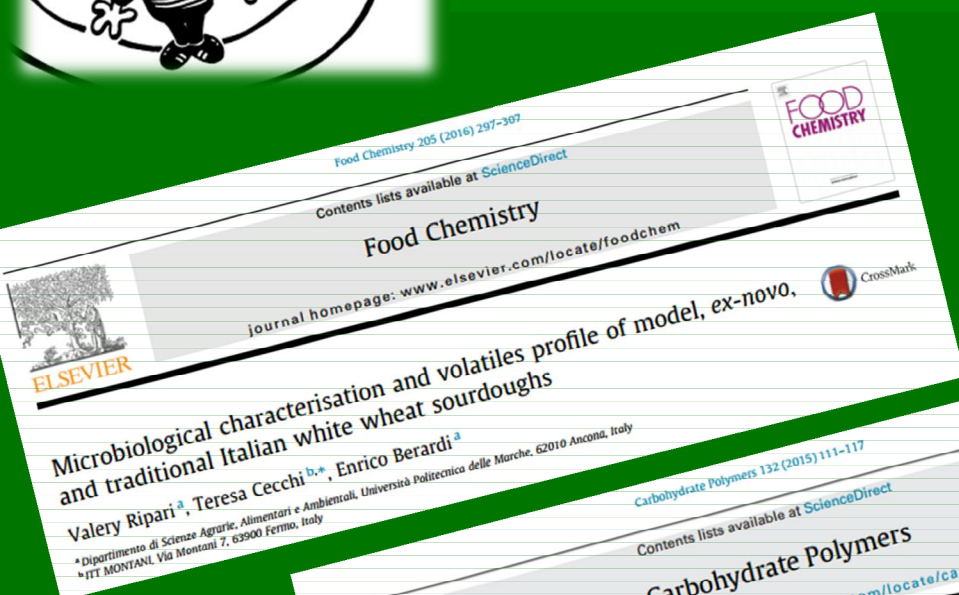
dedicated to professionals in
developing countries in order to
strengthen the systems for the safe
use of biotechnology and GMO





PhD School in Agricultural, Food and Environmental Sciences

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



Job opportunities

Public Institutions

Ministeries
State Forestry Corps
Regional and Local Departments
Mountain Communities
Public Health Service
National and Regional Parks

Italian Habilitation for the profession of
***dottore agronomo and
dottore forestale***

Private enterprises

Private companies in the agricultural, forestry, food and wine sectors
Producers' associations
National and international organizations (FAO, World Bank, UN, EU)
Certification bodies and quality control (EMAS, PEFC, FSC, ISO etc.).
Large-scale distribution (GDO)
Professional Consultant
Service companies and laboratories for the management and protection of the environment



Address and contacts



UNIVPM – Monte Dago Campus

Marche Polytechnic University

Department of Agricultural, Food
and Environmental Sciences (D3A)

Head Prof. Nunzio Isidoro

Via Brece Bianche
60131 Ancona (Italy)
Phone +39 071 2204703

didattica.agraria@univpm.it

www.d3a.univpm.it



The Ancona University Sport Center

<http://www.cusancona.it/>



CUS ANCONA

Cus Ancona
Online Store... entra!

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Campionato Nazionale Universitari 2016 : Road to Finals

Gare di recupero del torneo universitario

Campionato Nazionale Universitari 2016 : Road to Finals

Campionati Nazionali Universitari 2016 Volley, avanti tutta CUS Ancona!

Campionati Nazionali Universitari 2016: il CUS Ancona accede alla fase finale

News dalle sezioni sportive

Cerca

