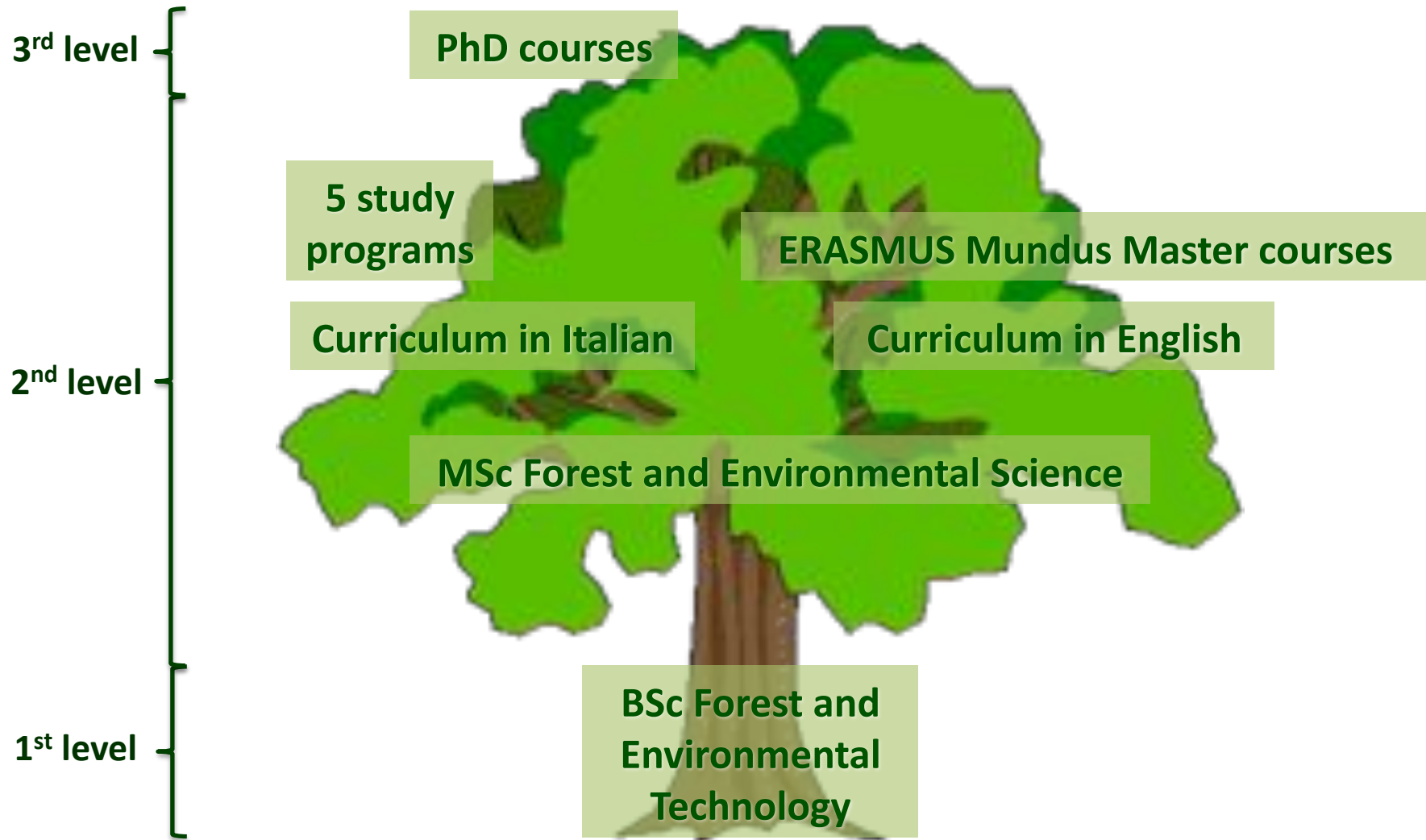


**Educational offer of Forest and Environmental courses
at the
School of Agriculture and Veterinary Medicine
Agripolis Campus**

Forest science: innovation rooted into the tradition



BSc Forest and Environmental Technology

1st year **68 credits**
Math; Physics; Inorganic and Organic Chemistry; Plant and Animal Biology; Geology; Economics



2nd year **68 credits**
Forest Genetics; Pedology and Soil Chemistry; Ecology; Forest Zoology; Forest Plant Botany; Applied Statistics



3rd year **48 credits**
Forest Law; Forest Measurement; Geomatic; Forest Policy; Silviculture; Hydrology
12 credits Elective Courses
4 credits English Language (B1 *Threshold)**
10 credits Training Activity
4 credits Final Project



*** Common European Framework of Reference**



MSc Forest and Environmental Science (curriculum in Italian)

1st year **20 credits**
Ecological Land Planning; Fluvial Morphology; Applied Silviculture
28 credits Specialization Courses

2nd year **26 credits Specialization Courses**
8 credits Elective Courses
4 credits Advanced Informatics
4 credits English Language (B2 *Vantage)**
30 credits Thesis

* Common European Framework of Reference



MSc Forest and Environmental Science (curriculum in Italian)

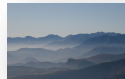
Study programs



Forest and Environmental Science



Land Protection



Productive Development of Forest and Pastoral Resources



Environment and Biodiversity Management



Planning and Management of Green Areas



MSc Forest and Environmental Science (curriculum in English)

1st year **46 credits**
Forest Policy; Valuation and Assessment of Forest and Environmental Goods and Services; Forest and Hillslope Hydrology; Integrated Watershed Management; Forest Landscape Management; Global Change and Forest Ecosystems; Forest Pathology and Wood Alterations

2nd year **26 credits**
Insect Ecology and Biodiversity Management; Mountain Fluvial Morphology and Stream Restoration; Wildlife Conservation and Management; Wood Harvesting and Transportation Systems
8 credits Elective Courses
4 credits Advanced Informatics
4 credits English Language (B2 *Vantage)**
30 credits Thesis

* Common European Framework of Reference



ERASMUS Mundus Master Courses



Sustainable Forest and Nature Management SUFONAMA

2nd year

26 credits

**Valuation and assessment of forest and environmental goods and services;
Mountain fluvial morphology and stream restoration; Management of
mountain forests and logging systems; Research planning**

8 credits Elective Courses

4 credits Advanced Informatics

4 credits English Language (B2 *Vantage)**

30 credits Thesis

*** Common European Framework of Reference**



ERASMUS Mundus Master Courses



Sustainable Tropical Forest SUTROFOR

2nd year

30 credits

Social responsibility by public and private organisations; Societal marketing: forest certification and other tools; Climate change and tropical forestry: monitoring and policies; Research planning; Environmental economics for tropical forest resources; Forest policies and conflict management in tropical forestry

8 credits Elective Courses

4 credits Advanced Informatics

4 credits English Language (B2 *Vantage)**

30 credits Thesis

*** Common European Framework of Reference**



ERASMUS Mundus Master Courses



Mediterranean Forestry and Natural Resources Management MEDfOR

1st year

48 credits

Forest and hillslope hydrology; Erosion control and stream restoration; Integrated watershed management; Forest operations; Management and treatment in mountain and Mediterranean forests; Structure and dynamic of mountain and Mediterranean forests; Global change and forests; Insect ecology and biodiversity management; Forest pathology and wood alterations; Wildlife conservation and management; Valuation and assessment of forest and environmental goods and services; Joint winter school



ERASMUS Mundus Master Courses



Mediterranean Forestry and Natural Resources Management MEDfOR

2nd year

24 credits

Social responsibility by public and private organisations; Societal marketing: forest certification and other tools; Forest policies and conflict management in forestry; Research planning

8 credits Elective Courses

4 credits Research and project development methodology

4 credits Italian language lab

30 credits Thesis



PhD courses



PhD SCHOOL Land, Environment, Resources and Health



Sustainable Development in Rural and Mountain Areas



Ecology and Sylviculture



Water Resources, Soil Conservation and Watershed Management



Agricultural and Forest Engineering



Nutrition and Pollution



PhD courses



**Erasmus Mundus Joint Doctoral Programme
FOrest, NATure and SOciety FONASO**

International joint PhD agreements

Universidad Austral de Valdivia, Chile; PhD Forestry

Universidad Politecnica de Madrid, Spain; PhD Forest Engineering

Universidad Nacional de Cuyo , Mendoza, Argentina; PhD Agronomy

Universidade Federal de Santa Maria, Brazil; PhD Forest Engineering

