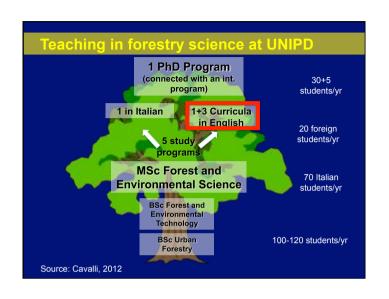


Outline

- 1. HE system related to forestry at University of Padova
 - The Bachelor courses
 - The Masters
 - The PhD
- 2. The Qualification Framework
- 3. QA
- 4. Conclusion



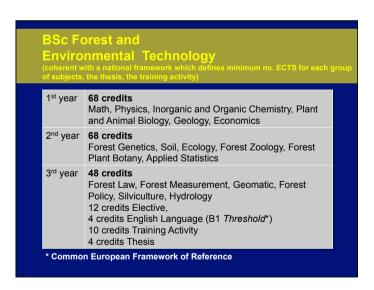


General objectives of teaching (Padova) (2/2)

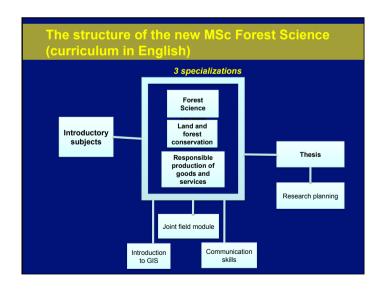
- -Expert in environmental education
- -Expert in watershed management
- Expert in management of protected areas and wild fauna
- ... mainly in a position of consultant (reduced employment opportunities as employee by the public sector), often working in mountain areas (high concentration of forest and natural areas)

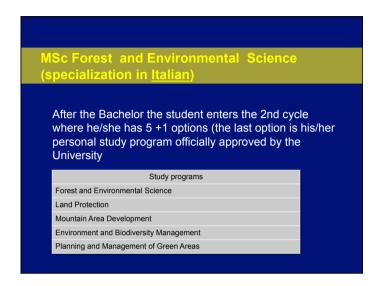
General objectives of teaching (Padova) (1/2)

- A clear proposal to the students: a professional profile is reached with an educational program 3+2
- Within the national targets:
 - Expert in forest management (forest inventory, forest protection, wood harvesting, marketing and processing of forest products)

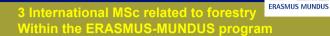


MSc Forest and Environmental Science (curriculum in Italian) (coherent with a national framework which defines minimum no. ECTS for each group of subjects, the thesis, the training activity) 1st year 20 credits Ecological Land Planning, Fluvial Morphology, Applied Silviculture 28 credits Specialization 2nd year 26 credits Specialization 8 credits Elective 4 credits Advanced Informatics 4 credits English Language (B2 Vantage*) 30 credits Thesis









MEDFOR

- Lisbona
- Padova
- Lleida
- Porto
- Viterbo

- Valladolid

Karadeniz (TUR)

SUTROFOR

- Copenaghen
- Dresda
- Bangor
- Padova
- Montpellier

SUFONAMA

- Copenaghen
- Goettingen
- Bangor
- Padova
- Alnarp

All teaching in English (only in Montpellier: French)



General structure

- 120 ECTS 60 (1st year 2 semesters) + 30 (2nd year 1 semester) + 30 for the thesis
- 1st year in one university (general topics) + 2nd year of specialization in another partner university with thesis work, preferably with an associated partner
- A common field course (between the 1st and the 2nd year for SUTROFOR and SUFONAMA, between the 1st and the 2nd semester for MEDfOR); 9-15 ECTS
- · Double or preferably a joint degree
- Some common on line courses (Research methodologies. Climate change economics and policies. Field course preparation)







PhD School: Land, environment, resources and health

- Animal science
- Managerial engineering and economic evaluation
- Crop production science
- Biotechnology and bio-chemistry
- Viticulture, enology and marketing in the wine sector

2. Qualification Framework development

- Monitoring employability
- Links with the professionals
- Links with the institutions
- Students' evaluation





Qualification Framework Links to the professionals

- Good and frequent links with the Association of Chartered Agronomists and Forests:
 - they are invited to make comments and suggestions on the Bachelor and Master courses organization
 - Moreover, to practice the professional activity, postgraduates have to pass a State examination organized by a mixed Commission with a majority of members from the Association → direct control of the contents and acquired knowledge of the young graduates

Qualification Framework Links with the institutions

About MEDFOR

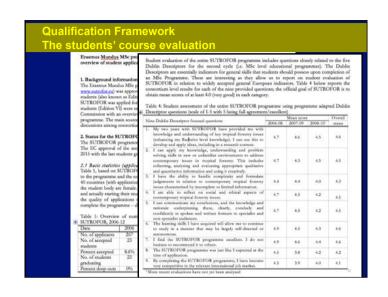
MEDFOR - Mediterranean Forestry and Natural Resources Management

A two-year world-class Ereamus Mundus Master Course Programme that answers a call for a coordinated approach throughout the Mediterranean basin to develop reliable information and tools - based on sound science and a multidisciplinary approach, in order to improve Mediterranean forestry and natural resources management and policy making.

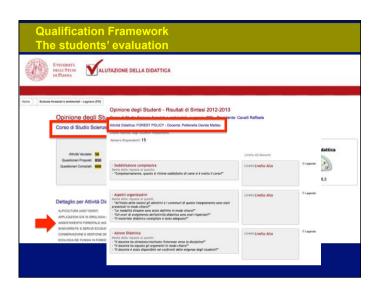
The MEDROR emphasis is on educating the leaders of the future generation of engineers, managers, researchers, and trachers involved in Reciterranean forestry and natural resources management. MEDDOR equips students with a solid societific habilitation and the competences for careers in minorative fields of work within the Mediterranean forestry supply often. It will both provide the basis needed for students to pursue academic opportunities (e.g., PD program) and the cumifications needed to fit positions in all Mediterranean

The MEDROR Consortum is supported by a consultation panel that includes leading international research and outreech organizations in all scientific areas of interest to Mediterranean forestry and natural resources management. The six associated partners are: European Ferral Institute Mediterranean registeral office (IEFIMIO). Spain, Ecole Nationale Forestière d'Inspiritue (INFII). Morocco, Institut, National de Recherche et Gérire Bural, Euru, ef forest, IMROREFT, Turities, Forest, Encholocy Center of Catalonia (CETE, Spain, Institut National de Becherche Agronomesse (INRA) - Juriel de Recherche Ecologie des Foreits Méditerranéannesses, France, and the International Centre of Advanced Mediterranean Agronomic Studies (CINEAM) - Mediterranean

The consultation panel is coordinated by EFIMED and in order to enhance and strengthen the interaction of MEDFDR with stakeholders and the Mediterranean forest community it further includes key stakeholders such as the Mediterranean Forest Omners Association (archED), the World Widdle Fund Mediterranean Office (WWFMed), the Association Internationals Forest Mediterraneance (AEFM) and the Food and Agriculture Oreanization (PAD)



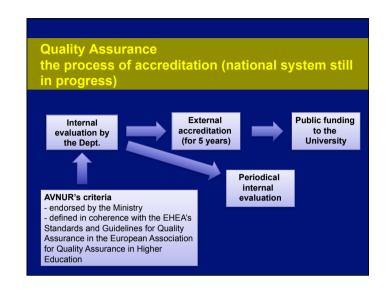












4. Conclusion

- From a training aimed to educate the future official of the forest administration (till the '80s) to a mix of
 - professional profiles:
 forest professional working mainly as a self-employed consultant
 forest officers for many public organizations (NPs, research
 - organizations, ...)

 forester working in NGOs and companies (wood working,
 - certification, ...)
- In the forestry sector the first cycle (i.e. Bachelor) has only a role of defining a background, solid, scientific basis for the Master: the proposal for the students is 3+2 as one single co-ordinated program
- More professional, specific knowledge is acquired in the 2nd yr of the Master
- Focus on soft skills (communication, work in groups) and future learning skills

- Still very dynamic, unstable and not consolidated experiences
- With a continuous process of integration, challenging problems to be considered:
 - Problems related to internal governance
 - Problems related to general context of governance

