

Undergraduate (BSc) Forestry programs across the Med Basin



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Bachelors



The Bachelor of Science (BSc) is an undergraduate degree that takes three to five years to complete depending on the institution, area of focus, and country.

One of the biggest differences between Bachelor of Science ([BSc](#)) degrees offered in different countries is the time required for completion.

Length?

In European countries the BSc degree typically takes 180 – 240 ECTS to complete.

In other Mediterranean basin countries the same variability exists.



Mediterranean countries		
<i>three years</i>	<i>four years</i>	<i>five years</i>
Bosnia and Herzegovina	Albania (4 or 5 years)	Algeria (3+2)
Cyprus	Egypt (4 or 5 years)	Egypt (4 or 5 years)
Croatia (or four years)	Greece (4 or 5 years)	Greece (4 or 5 years)
France	Israel (agroforestry)	Lebanon (B.S. in Engineering 5)
Israel (for most subjects)	Libya Agro, Natural	Macedonia (3 to 5 years)
Jordan Land, water, Enviroment	Spain	Montenegro (3 to 5 years)
Italy	Turkey	Morocco (4;6)ENFI
Malta Agroecosistems		Syria (4 + 1)
Serbia (3+2)		
Slovenia (3 +2)		
Portugal		

Core Topics?

In all BSc there are compulsory courses,
the core usually consists of:

Ecology

Silviculture

Forest Mensuration & Inventory

Forest Management & Planning

Forest Harvesting & Products & Industries

Practical training

Final Studies project/thesis



Elective Topics?

Elective courses for Mediterranean students with wide agreement that they should be compulsory:



Wildfire prevention

Multiple use (biomass, game, grazing, fungi, medicinal plants, leisure/recreation, aesthetics, many other)

General environmental management (erosion, landscape design, degradation, rehabilitation, forestation, climate change) and Natural Resources Management

???

Challenges for the future:

- to harmonize learning outcomes/skills of bachelor's degrees across the region
- in terms of contents and/or competencies
- we need to work towards direct recognition!





THANKS!



ETSEA, University of Lleida, Spain

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Basic training in engineering

- Chemistry
- Physics
- Mathematics
- Technical drawing
- Cartography

Forest district knowledge

- Biology
- Botanics
- Geology
- Ecology
- Zoology

Integrated practice in forestry

2

Basin knowledge

- Hydrology
- Reforestation
- Forest works
- Hydraulic-forestry engineering
- Geographical information systems
- Statistics and mathematics II

Integrated practice in basin branch

3

Forestry knowledge

- Silviculture
- Wildfires
- Forest health
- Forest inventory
- Wildlife management
- Forest management
- Forest-industry
- Forest engineering

Integrated practice

4

- Planning
- Forest policy
- Engineering projects
- Optional subjects

Placement

End of degree thesis

