

FORESTRY

International Semester Program

Course 2017-18
(Spring)

More information:

<http://www.relint.uva.es/internationalSemester/agrarias.asp>

<http://www5.uva.es/etsiiaa/>

subdireccion.actividades.etsiiaa@uva.es / bturrion@agro.uva.es

The Semester is intended to provide international experience to students of forestry or natural resources programs

Language?

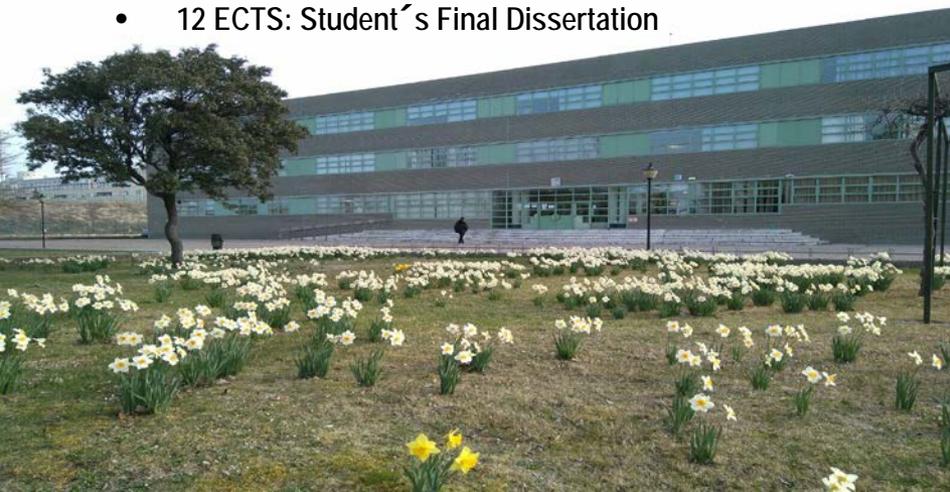
- All courses and activities are in English
- As a foreign student, you will have the opportunity to learn Spanish and experience the friendly Spanish culture

Who can participate?

- International students seeking to broad their knowledge and experiences
- Spanish students enrolled in the Graduate Program of Forest Engineering and Natural Environment

How is it organized?

- **Full spring semester (30 ECTS)**
 - 18 ECTS
 - 6 ECTS Spanish course
 - 12 ECTS corresponding to 4 courses with 3 ECTS each
 - 12 ECTS: Student's Final Dissertation



3 ETCS COURSES

FOREST PRACTICUM: The course is considered a real integration of practical knowledge from several subjects applied to a real case study. During the Practicum a forest is assessed in terms of edaphology, botany, ecology, silviculture, wildfire prevention, soil conservation and wildlife. The course takes place in the forests of the Cantabrian Range.

FORESTRY AND GLOBAL CHANGE: After a brief consideration about the impact of climate change on forests, strategies for forest adaptation to climate change will be described, the role of silviculture on climate change mitigation and adaptation will be analyzed and the adaptive management strategy as a tool to adapt forestry to climate change will be introduced. A project of mitigation through a forestry project will be developed by students.

GEOBOTANY: This course explores the biogeography and ecology of the world's main forest biomes. It provides an introduction to the earth's biological history and development of regional floras. Topics covered in this course include the distribution patterns of forest biomes, from the poles to the tropics, their ecological adaptations to climate and soil, vegetation dynamics and response to disturbance. Land use and global environmental change will be also taken into account. The scope is global, with secondary emphasis on Mediterranean ecosystems.

FORESTRY AND BIODIVERSITY. The first part of the course focuses on basic strategies in forest management and biodiversity conservation. Special case studies of operational silviculture linked to species or habitat conservation are analyzed and assessed. The second part of the course is focused on the assessment of silvicultural prescriptions to be implemented in different forests and stands.