

UVa



Escuela Técnica Superior
de Ingenierías Agrarias Palencia

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**INTERNATIONAL
SEMESTER PROGRAM**



Universidad de Valladolid

FORESTRY

INTERNATIONAL SEMESTER PROGRAM



UVa

Technical School of Agricultural
Engineering **Palencia**

The semester is intended to provide international experience to students of **Forestry** or **Natural Resource** programs.

LANGUAGE?

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

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.

● Full spring semester (30 ECTS)

HOW IS IT ORGANIZED

- 18 ECTS
 - 6 ECTS Spanish course
 - 12 ECTS corresponding to 4 courses with 3 ECTS each
- 12 ECTS: Student's Final Dissertation

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 forest, 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.

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 forest and stands.

semester starting february 2018

School of Agricultural Engineering
(Campus of Palencia, University of Valladolid, Spain.)
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Palencia, 23th October 2017

Dear Partner,

We are pleased to announce to you that the University of Valladolid (E VALLADO01, UVa) this academic course 2017-18 will give a **Forestry International Semester Program** which offers foreign ERASMUS students a full semester (30 ECTS credits) from February to July.

This Forestry Internacional Semester (2017-18) includes **three subjects** entirely taught in English of 3 ECTS each one, a **Forest Practicum** (3 ECTS field practicum) delivered in **Spanish adapted to non-native speakers**, a 6 ECTS **SPANISH COURSE** taught by the University language service (<https://spanishinvalladolid.com/>), and the possibility of developing the **degree's final project** (student's final project of 12 ECTS)

The Forestry International Semester is mainly focused on **Bachelor Forestry** students with **basic Spanish knowledge** and interested in widening their studies of the **Mediterranean Forests** improving their Spanish. Bachelor students in Environmental and Earth Sciences, Agronomy or Biology will also be welcome to follow the semester.

The **Forestry International Semester Program** is offered to the **ERASMUS+** program and the bilateral agreements signed by the University of Valladolid¹ (<http://www.relint.uva.es/>).

The studies are structured as follows:

- 12 ECTS corresponding to the student's final project,
- 12 ECTS corresponding to 4 courses with 3 ECTS credits each:
 - "Forestry and Biodiversity"
 - "Geobotany"
 - "Forestry and Global Change"
 - "Forest Practicum",
- 6 ECTS corresponding to a Spanish course

In future academic courses three new subjects of 3 ECTS each will also be included in the semester:

- Conservation Hydrology (3ECTS)
- Molecular Techniques and Diagnostic (3ECTS)
- Forest Soils and Carbon Sequestration (3ECTS)

Please, find more details on the following link:

<http://relint.uva.es/EN/internationalSemester/agrarias2.asp?>

We would be really grateful if you could propagate this information among prospective interested students.

Should you have any enquiry concerning this subject or bilateral agreements, do not hesitate to contact Belén Turrión (bturrion@agro.uva.es), Coordinator of International Relations at our Higher Technical School of Agricultural Engineering (Escuela Técnica Superior de Ingenierías Agrarias, Universidad de Valladolid).

Sincerely,

¹ Bilateral agreements signed by the E.T.S. INGENIERÍAS AGRARIAS DE PALENCIA:

<http://www.relint.uva.es/relint/erasmus/convenios/coordinadores/UniversidadesDestino.asp?centro=34003361&movilidad=ins&idioma=en>