



Guía docente de la asignatura				Course Syllabus
Asignatura <i>Course</i>	SEMINAR ON MODEL FORESTS			
Materia <i>Subject area</i>	Winter School			
Módulo <i>Module</i>	Compulsory			
Titulación <i>Degree Programme</i>	MASTER ON MEDITERRANEAN FORESTRY AND NATURAL RESOURCES MANAGEMENT			
Plan <i>Curriculum</i>	506	Código <i>Code</i>	54093	
Periodo de impartición <i>Teaching Period</i>	Second Semester	Tipo/Carácter <i>Type</i>	Compulsory	
Nivel/Ciclo <i>Level/Cycle</i>	Master	Curso <i>Course</i>	1	
Créditos ECTS <i>ECTS credits</i>	3			
Lengua en que se imparte <i>Language of instruction</i>	English			
Profesor/es responsable/s <i>Responsible Teacher/s</i>	Felipe Bravo Oviedo and Pablo Martín Pinto			
Datos de contacto (E-mail, teléfono...) <i>Contact details (e-mail, telephone...)</i>	Prof. Dr. Felipe Bravo, felipe.bravo@uva.es (coordinator) Teléfono: 979-108424 / Edificio E (despacho 208) Curriculum vitae: https://portaldelaciencia.uva.es/investigadores/181874/detalle Prof. Dr. Pablo Martín Pinto, pmpinto@uva.es Buildign E (office 205) Curriculum vitae: https://portaldelaciencia.uva.es/investigadores/180156/detalle			
Departamento <i>Department</i>	Producción Vegetal y Recursos Forestales			
Fecha de revisión por el Comité de Título <i>Review date by the Degree Committee</i>	June, 30 th , 2026			

En caso de guías bilingües con discrepancias, la validez será para la versión en español.
 In the case of bilingual guides with discrepancies, the Spanish version will prevail.

**1. Situación / Sentido de la Asignatura****Course Context and Relevance****1.1 Contextualización****Course Context**

Forests are facing new global demands and stresses that require new forestry strategies. Foresters need new foundation that allows them to develop forestry strategies to provide goods and services while ecosystems structure and functions are maintained and enhanced. Thus, the MEDfOR Winter School will serve to foster student knowledge acquired in the previous compulsory modules and show them different management options at work. In this way, students will have an adequate background to select the elective module according to their expertise and interest.

1.2 Relación con otras materias**Connection with other subjects**

All the courses included in the Winter School.

1.3 Prerrequisitos**Prerequisites**

None

2. Competencias (RD 1393/2007)

Competences (RD 1393/2007)

2.1 (RD1393/2007) Competencias Generales

General Competences

Following the Dublin Descriptors, students of this course must:

- i) have demonstrated knowledge and understanding that is founded upon and extends and/or enhances that typically associated with bachelor's level, and that provides a basis or opportunity for originality in developing and/or applying ideas, often within a research context;
- ii) can apply their knowledge and understanding, and problem-solving abilities in new or unfamiliar environments within broader (or multidisciplinary) contexts related to their field of study;
- iii) have the ability to integrate knowledge and handle complexity, and formulate judgements with incomplete or limited information, but that include reflecting on social and ethical responsibilities linked to the application of their knowledge and judgements;
- iv) can communicate their conclusions, and the knowledge and rationale underpinning these, to specialist and non-specialist audiences clearly and unambiguously;
- v) have the learning skills to allow them to continue to study in a manner that may be largely self-directed or autonomous.

2.2 (RD1393/2007) Competencias Específicas

Specific Competences

With this course, students will acquire specific skills: to design, manage and apply techniques on Model Forests and to understand the basic and principles of forest research.

3. Objetivos

Course Objectives

This course will help students to:

- 1. Design, manage and apply techniques on Model Forest Development
- 2. Understand introductory techniques on Forest Research

4. Contenidos y/o bloques temáticos

Course Contents and/or Modules

Bloque 1: BLOQUE ÚNICO

Module 1: BLOQUE ÚNICO

Carga de trabajo en créditos ECTS: 3
Workload in ECTS credits:

a. Contextualización y justificación

a. Context and rationale

See course context

b. Objetivos de aprendizaje

b. Learning objectives

See course objective

c. Contenidos**c. Contents**

1. Model Forest: Concept, development in practice and network
2. Introduction to applied forest research
3. Non timber products as key factor in the Mediterranean context

d. Métodos docentes**d. Teaching and Learning methods**

A combination of theory, problems, seminars, and field trips jointly with independent study and group study will be used.

e. Plan de trabajo**e. Work plan**

Classes will take place during 1st. Classroom will be determined yearly. Depending on the year, invited speakers could deliver invited seminars.

f. Evaluación**f. Assessment**

The practical work carried out in groups in the different programmed activities is evaluated, based mainly on a project of forest exploitation, conservation and restoration. It is necessary to deliver at least 80% of the developed practices. It will be necessary to overcome with a minimum of four (4) all the practices delivered, and that the final average between them is equal to or greater than five out of 10 (5).

g Material docente**g Teaching material****g.1 Bibliografía básica****Required Reading**

BRAVO, F., LEMAY, V., JANDL, R. (Eds) 2017. Managing Forest Ecosystems: The Challenge of Climate Change. Springer.

To be specified during the development of the practices

g.2 Bibliografía complementaria**Supplementary Reading**

To be specified during the development of the practices

g.3 Otros recursos telemáticos (píldoras de conocimiento, blogs, videos, revistas digitales, cursos masivos (MOOC), ...)

Additional Online Resources (microlearning units, blogs, videos, digital journals, massive online courses (MOOC), etc.)

To be specified during the development of the practices

h. Recursos necesarios**Required Resources**

No special resources required.

i. Temporalización

Course Schedule

CARGA ECTS ECTS LOAD	PERIODO PREVISTO DE DESARROLLO PLANNED TEACHING PERIOD
3	2nd Quarter (January each year)

5. Métodos docentes y principios metodológicos

Instructional Methods and guiding methodological principles

Lectures, problems, seminars and field trips jointly with independent study and group study will be used.

6. Tabla de dedicación del estudiantado a la asignatura

Student Workload Table

ACTIVIDADES PRESENCIALES o PRESENCIALES o A DISTANCIA ⁽¹⁾ FACE-TO-FACE/ ON-SITE or ONLINE ACTIVITIES ⁽¹⁾	HORAS HOURS	ACTIVIDADES NO PRESENCIALES INDEPENDENT / OFF-CAMPUS WORK	HORAS HOURS
Theory	10	Reviewing concepts	15
Labs and travels	18	Practical work	30
Evaluation	2		
Total	30	. Total outside class or ecampus	45
		TOTAL	75

(1) Actividad presencial a distancia es cuando un grupo sentado en un aula del campus sigue una clase por videoconferencia de forma síncrona, impartida por el profesor. *Distance face-to-face activity refers to a situation in which a group of students, seated in a classroom on campus, attends a class via live videoconference delivered by the instructor in real time.*

7. Sistema y características de la evaluación

Assessment system and criteria

INSTRUMENTO/PROCEDIMIENTO ASSESSMENT METHOD/PROCEDURE	PESO EN LA NOTA FINAL WEIGHT IN FINAL GRADE	OBSERVACIONES REMARKS
Class Project and activities	70 %	
Active participation in the course	10 %	
Final exam	20 %	

CRITERIOS DE CALIFICACIÓN ASSESSMENT CRITERIA**• Ordinary call:**

The course will be passed with a grade higher than or equal to five (5) out of ten (10).

Students passing the call (5 or above) cannot retake the evaluation

• Extraordinary call:

The student who has not passed the course will have to return to deliver the practical work with the corrections required by the teaching staff. The qualification will be obtained equally than in the ordinary call

In case a student fails in the first call of the academic year in second call the written exam will stand alone for grading.

8. Consideraciones finales**Final remarks**

- Attendance: Lectures and in person classes on the ecampus form a core component of this course. Students must ensure that they are available to do the activities. They are welcome to share new ideas during class and are encouraged to read related papers.
- Technology in the fieldtrips: No cellphones are allowed. Please, turn off your cell phone prior to the start of field trip. You will be asked to leave the course for the day if you are using your phone.
- Policy on Academic Ethics and Honesty: The University of Valladolid (UVa) regards cheating as a serious academic offence. Anyone caught cheating will automatically receive a 0/10 for the quiz/exam/assignment and will be reported to the dean. Your responsibility, besides maintaining a high standard of personal honesty, includes taking precautions to prevent others from copying your work. A student's assessed work may be reviewed against electronic source material using computerized detection mechanisms.
- The use of Generative Artificial Intelligence (AI) is permitted for certain tasks in this course. To know which tasks, allow its use, it is recommended to carefully review the specifications of those tasks when they appear on the virtual campus, are announced in class, in the course schedule, and/or in the detailed syllabus. It is recommended to use only the tools for which the University of Valladolid holds a license and to understand the implications of each license regarding privacy and data usage by the tools. It is the student's responsibility to be aware of these specific permissions. Each assignment must include a declaration of which specific tools were used and how Generative AI was utilized. The exact method for doing this will be announced in class and on the ecampus.