



IDENTIFYING DATA

Forest management

Subject	Forest management			
Code	P03G370V01605			
Study programme	(*)Grao en Enxeñaría Forestal			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	6	Optional	3rd	2nd
Teaching language	Spanish Galician			
Department				
Coordinator	Fernández Alonso, José María			
Lecturers	Fernández Alonso, José María González Prieto, Óscar Ortiz Torres, Luis			
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Web				
General description	(*)(*)Durante el curso de Ordenación de Montes se analizarán los diferentes métodos para la Durante o curso de Ordenación de Montes analizaranse os diferentes métodos para a organización e xestión do aproveitamento dos recursos naturais forestais. A ensinanza basearase no repaso da historia forestal europea e da paralela evolución dos métodos de ordenación. A presentación de problemas permitirá introducir as distintas solucións e a aprendizaxe das mesmas por parte do alumno.			

Competencies

Code	
B6	CG-06: Capacidade para identificar os diferentes elementos: elementos bióticos.
B7	CG-07: Capacidade para identificar os diferentes elementos: elementos físicos.
B8	CG-08: Capacidade para identificar os diferentes elementos: recursos naturais renovables susceptibles de protección, conservación e aproveitamento.
B9	CG-09: Capacidade para analizar a estrutura e función ecolóxica dos sistemas e recursos forestais, incluíndo as paisaxes.
B31	CG-31: Capacidade para aplicar as técnicas de ordenación forestal e planificación do territorio, así como os criterios e indicadores da xestión forestal sostible no marco dos procedementos de certificación forestal.
C24	(*)CE-24: Capacidade para coñecer, comprender e utilizar os principios de: dasometría e inventariación forestal, ordenación de montes.
D1	(*)CBI 1: Capacidade de análise e síntese.
D2	(*)CBI 2: Capacidade de organización e planificación.
D5	(*)CBI 5: Capacidade de xestión da información.
D11	(*)CBP 4: Habilidades de razoamento crítico.

Learning outcomes

Expected results from this subject	Training and Learning Results		
(*)CE-23.1	B6	C24	D1
	B7		D2
	B8		D5
	B9		D11
	B31		

New

Contents

Topic

Objectives of Forest Management	Definitions and concept Spanish Forest History Conditioning and Tools Objectives of Forest Management Types of Forest Production
Structure and content of Mountain Management Projects	The classic project Structure and content of the Projects
Forestry and Economic Foundations of Forest Management	Silvicultural bases of management Investment analysis Criteria for the determination of the shift and age of maturity
Application Regulations for Ordinance Projects	Application regulations
Impacts of Forestry Activity in the Management Project	Main Impacts Visual impact assessment

Planning

	Class hours	Hours outside the classroom	Total hours
Master Session	26	52	78
Troubleshooting and / or exercises	4	10	14
Case studies / analysis of situations	6	12	18
Teaching and/or informatives events	4	6	10
Outdoor study / field practices	10	18	28
Short answer tests	1	0	1
Reports / memories of practice	1	0	1

*The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.

Methodologies

	Description
Master Session	Presentation by the teacher of the contents on the subject under study, theoretical and / or guidelines for a job, exercise or project to be developed by the student.
Troubleshooting and / or exercises	Activity which formulated problem and / or exercises related to the course. The student should develop appropriate solutions or right through the exercise routines, application of formulas or algorithms, application processing procedures available information and interpretation of the results. It is often used to complement the lecture.
Case studies / analysis of situations	Analysis of an event, issue or actual event in order to know, interpret, solve, generate hypotheses, comparing data, reflect, complete knowledge, diagnose and training in alternative dispute resolution procedures.
Teaching and/or informatives events	Conferences, lectures, exhibitions, panel discussions, debates ... performed by renowned speakers, which you can drill or supplement the contents of the field.
Outdoor study / field practices	Activities application of knowledge to specific situations and basic skills acquisition and related procedural matter under study. They thrive in nonacademic outdoor spaces. Among them we can cite practical field visits to events, research centers, companies, institutions ... academic-professional interest to the student.

Personalized attention

Methodologies	Description
Troubleshooting and / or exercises	
Outdoor study / field practices	

Assessment

	Description	Qualification	Training and Learning Results		
Short answer tests	(*)Respuesta a preguntas relacionadas con el temario	80	B6 B7 B8 B9 B31	C24	D11
Reports / memories of practice	(*)Realización de una memoria con la metodología y los resultados de las prácticas	20	B6 B7 B8 B9 B31	C24	D1 D2 D5 D11

Other comments on the Evaluation

Sources of information

Basic Bibliography

MADRIGAL, A, **Ordenación de Montes Arbolados**, ICONA,

Complementary Bibliography

GONZALEZ MOLINA, et al., **Manual de Ordenación por Rodales**, Centre Tecnologic Forestal de Catalunya,

DAVIS, L. S.; JOHNSON, K. N.; BETTINGER, P. S.; HOWARD, T. E, **Forest Management (4th ed.)**, McGraw Hill Publishing Co.,

MADRIGAL, A.; ÁLVAREZ, J.G.; RODRÍGUEZ, R.; ROJO, A., **Tablas de producción para los montes españoles**, Fundación Conde del Valle de Salazar,

DÍAZ-MAROTO, I., **Evolución de los métodos de ordenación de montes en España. Situación actual.**, Escuela Politécnica Superior, Lugo,

ACEMM, **Manual de prevención de riesgos laborales en el sector forestal**, Fundación para la prevención de riesgos laborales. Gobierno de Cantabria,

DIEGUEZ, U. et al., **Herramientas Selvícolas para la Gestión Forestal Sostenible en Galicia**, Xunta de Galicia,

MARTÍNEZ CHAMORRO, et al., **Manual para a cubicación, taxación e venda de madeira en pe e biomasa forestal**, Universidade de Vigo,

Manual de ordenación de montes de Andalucía, Junta de Andalucía,

Recommendations

Subjects that continue the syllabus

Physical planning and land management/P03G370V01701

Subjects that are recommended to be taken simultaneously

Projects/P03G370V01503

Subjects that it is recommended to have taken before

Mathematics: Statistics/P03G370V01301

Forestry/P03G370V01401

Forest exploitation/P03G370V01601

Dasometry/P03G370V01602
