



IDENTIFYING DATA

Wood preservation and drying technology

Subject	Wood preservation and drying technology			
Code	P03G370V01705			
Study programme	Grado en Ingeniería Forestal			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	6	Optional	4th	1st
Teaching language	Spanish Galician			
Department				
Coordinator	González Prieto, Óscar			
Lecturers	González Prieto, Óscar			
E-mail	oscargprieto@uvigo.es			
Web	http://www.forestales.uvigo.es			
General description	(*)Asignatura que trata las dos tecnologías básicas para el uso industrial de la madera			

Skills

Code	
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Learning outcomes

Expected results from this subject	Training and Learning Results
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Contents

Topic	
Technology of the conservation of the wood	<p>Introduction: Pathologies of the wood natural Durability of the wood and *impregnabilidad Classes of use: *CU 1, *CU 2, *CU3, *CU4 and *CU5 protective Products and systems of application Wood modified: processes and products Systems of application of protective Treatments of the different wood to the employment of chemical products technical Report on pathology Measured of constructive design for the protection of the wood Reinforcements of wooden structures</p>
Technology of the dried of the wood	<p>Introduction: physical Principles of the dried Dried natural Dried artificial Phases of the dried artificial *Presecaderos Tunnels of dried Cameras of dried Dried of the wood by special methods Defects originated in the dried Programming and design of *secaderos</p>

Planning

	Class hours	Hours outside the classroom	Total hours
Lecturing	16	69	85
Problem solving	8	18	26
Studies excursion	10	6	16

Laboratory practical	15	5	20
Introductory activities	1	0	1
Problem and/or exercise solving	1	0	1
Problem and/or exercise solving	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
Lecturing	Lesson *magistral. Exhibition of aims and contents and importance of the same inside the group of competitions of the subject
Problem solving	Seminars of resolution of problems type and oral presentation
Studies excursion	Explanation "in situ" of industrial processes of dried and conservation of wood. In the case of teaching no face-to-face or *semi-face-to-face, without possibility to make exits of study, will evaluate memory of analysis of digital didactic material
Laboratory practical	Explanation of the handle of *secaderos. In the case of teaching no face-to-face or *semi-face-to-face, will make memory of audiovisual material employee.
Introductory activities	Presentation of the aims and development of the subject

Personalized assistance

Methodologies	Description
Problem solving	The *tutorías will make preferably by telematic means (email, remotecampus, forums of doubts in *FaiTIC). For that student or student that request it will be able to make , inthe measure of the possible, *presencialmente. They will indicate to beginning of course the concrete forms ofcommunication as well as the schedules.
Laboratory practical	The *tutorías will make preferably by telematic means (email, remotecampus, forums of doubts in *FaiTIC). For that student or student that request it will be able to make , inthe measure of the possible, *presencialmente. They will indicate to beginning of course the concrete forms ofcommunication as well as the schedules.

Assessment			
	Description	Qualification	Training and Learning Results
Lecturing	Continuous evaluation through the assistance to the sessions given. Active participation in the debate that pose in the classroom/remote campus on the theoretical concepts. Also it will value the participation in the forums that enable in the platform *FaiTIC	10	
Problem solving	Continuous evaluation through the assistance to the practical classes given. Active participation in the debate that pose in the classroom/remote campus on the theoretical concepts. Also it will value the participation in the forums that enable in the platform *FaiTIC. Some proofs will be scheduled along the course and will be delivered through the platform of *Teledocencia	10	
Studies excursion	Presentation of a memory of the visits made. In the case of teaching no face-to-face or *semi-face-to-face, without possibility to make exits of study, will evaluate memory of analysis of digital didactic material	5	
Problem and/or exercise solving	Evaluation of the proof of evaluation on the theoretical contents of the subject	55	
Problem and/or exercise solving	Evaluation of the proofs of realisation of exercises	20	

Other comments on the Evaluation

Information detailed of examinations in to official web of the School. The here contemplated dates, can suffer modifications in the official web. It recommends check the official dates.
 General: <http://forestales.uvigo.es/gl/docencia/exames/Specific> http://forestales.uvigo.es/images/docs/docencia/exames/exames_gef_1c_2020-21.pdf^{1º} Announcement: 13/01/2021 - 16:00 *h. ^{2º} Announcement: 30/06/2021 - 16:00 *h.The dates of delivery of the distinct activities will be communicated with sufficient *antelación so that the students can schedule his realisation.

Sources of information

Basic Bibliography

Complementary Bibliography

Oscar González-Prieto, **Patoloxía da Madeira Estrutural**, Xunta,
F. Arriaga, **Intervención en estruturas de madeira**, AITIM,
Fernando Peraza, **Protección Preventiva de la Madera**, AITIM,
J.I. Fernández-Golfín Seco, **Manual de secado de La Madera**, AITIM,
León M. Fiske, **Manual del Secado de Maderas**, Muni Prensa,

Recommendations

Subjects that continue the syllabus

Quality control and prevention of occupational hazards in the forestry industry/P03G370V01804

Subjects that are recommended to be taken simultaneously

Primary wood processing industries/P03G370V01706
Industrial organisation and processes in the wood industry/P03G370V01707

Subjects that it is recommended to have taken before

Wood technology/P03G370V01606

Other comments

Eligible subject for dual training projects as established by the memory of the degree.
