STUDY PROGRAMME CURRICULUM
WOOD SCIENCE AND TECHNOLOGY

2022/2023

Name of study programme	**Wood science and technology**
Programme characteristics	
Type	master's
Cycle	master
University of Ljubljana members	• Biotechnical Faculty, Jamnikarjeva ulica 101, 1000 Ljubljana, Slovenija

Year 1, obvezni

				Contact hours									
	University Course Code	Course title	Lecturers	Lectures	Seminar	Tutorials	Clinical tutorials	Other forms of study	Individual student work	Total hours	ECTS	Semesters	Elective
1.	0625565	Wood as an Engineering Material	Aleš Straže	35	5	35	0	0	75	150	6	1st semester	no
2.	0625566	Theoretical Concept of Wood-Based Composites	Sergej Medved	45	0	30	0	0	75	150	6	1st semester	no
3.	0625567	Chemical Processing of Woody Boimass	Ida Poljanšek, Primož Oven	30	10	35	0	0	75	150	6	2nd semester	no
4.	0625568	Advanced Processes of Wood Surface Treatment	Marko Petrič	40	10	25	0	0	75	150	6	1st semester	no
5.	0625569	Organization and Management of Wood Industry Company	Jože Kropivšek	35	10	30	0	0	75	150	6	2nd semester	no
6.	0625570	Wood Residues and Biomass Processing	Dominika Gornik Bučar	45	0	30	0	0	75	150	6	1st semester	no

7.	0625571	Wood Structure And Properties	Maks Merela	35	0	40	0	0	75	150	6	2nd semester	no
8.	0625572	Construction Design and Innovation	Manja Kitek Kuzman	30	15	30	0	0	75	150	6	2nd semester	no
9.	0625573	Project Management in Wood Company	Leon Oblak	30	15	30	0	0	75	150	6	2nd semester	no
10.	0625574	Technology of Wood Bonding - Elective Subject	Milan Šernek	30	15	30	0	0	75	150	6	1st semester	no
		Total		355	80	315	0	0	750	1500	60		

Year 2, obvezni

				Contact hours									
	University Course Code	Course title	Lecturers	Lectures	Seminar	Tutorials	Clinical tutorials	Other forms of study	Individual student work	Total hours	ECTS	Semesters	Elective
1.	0625575	Master Thesis	Visokošolski učitelj s habilitacijo	0	0	0	0	200	550	750	30	2nd semester	no
2.	0625576	Environmental and Economical Aspects of Wood Protection and Wood Modification	Miha Humar	50	15	45	0	0	125	235	9	1st semester	no
3.	0625577	Automation of Mechanical Processing Systems	Gorazd Fajdiga	45	0	30	0	0	75	150	6	1st semester	no
4.	0625578	Elective Subjects		100		100			175	375	15	1st semester	yes
		Total		195	15	175	0	200	925	1510	60		

Year 2, IZBIRNI

				Contact hours									
	University Course Code	Course title	Lecturers	Lectures	Seminar	Tutorials	Clinical tutorials	Other forms of study	Individual student work	Total hours	ECTS	Semesters	Elective

1.	0625579	Hydrothermal Treatments of Wood	Aleš Straže	20	0	20	0	0	35	75	3	1st semester	yes
2.	0625580	Nanocellulose Based Composites	Ida Poljanšek, Primož Oven	20	0	20	0	0	35	75	3	1st semester	yes
3.	0625581	Wood Structure and Environmental Factors	Maks Merela	20	0	20	0	0	35	75	3	1st semester	yes
4.	0625582	Panel Type Materials in Wooden Construction	Sergej Medved	20	0	20	0	0	35	75	3	1st semester	yes
5.	0625583	Planning of Technological Processes in the Wood Industry	Manja Kitek Kuzman, Marko Petrič	20	0	20	0	0	35	75	3	1st semester	yes
6.	0625584	Planning of Technological Processes in the Wood Industry	Milan Šernek	20	0	20	0	0	35	75	3	1st semester	yes
7.	0625585	Methods for Chemical Characterization of Wood	Ida Poljanšek, Primož Oven	20	0	20	0	0	35	75	3	1st semester	yes
8.	0625586	Non-destructive Characterization of Wood	Aleš Straže	20	0	20	0	0	35	75	3	1st semester	yes
9.	0625587	Timber Constructions in Individual and Public Buildings	Manja Kitek Kuzman	20	0	20	0	0	35	75	3	1st semester	yes
10.	0625588	Informatics in Wood-industry Production	Jože Kropivšek	20	0	20	0	0	35	75	3	1st semester	yes
11.	0625589	Environmental Protection in Wood Industry	Leon Oblak, Miha Humar	20	0	20	0	0	35	75	3	1st semester	yes

	Total	220	0	220	0	0	385	825	33	