

Transilvania University of Braşov, Romania

Study program: Wood Technology for Constructions

Faculty: Furniture Design and Wood Engineering
 Study period: 2 years (master)
 Academic year structure: 2 semesters (14 weeks per semester)
 Examination sessions (two): winter session (January/February)
 summer session (June/July)

Courses per years (C= course; S = seminar; L = laboratory; P = project)

1st Year

No. crt.	Course	Code*	1 st Semester					2 nd Semester				
			C	S	L	P	Cred	C	S	L	P	Cred
1	Wood structure and properties	DS	2	0	2	0	6					
2	Wood and wooden materials for constructions	DS	2	0	1	2	6					
3	Technology of wood for constructions	DS	2	0	1	1	6					
4	Heat and mass transfer in wooden buildings	DS	1	0	1	0	4					
5	Ethics and academic integrity	DC	1	0	0	0	2					
6	Internship 1	DS	0	0	0	12	6					
7	Wood constructions 1	DS						2	0	2	0	6
8	Adhesives and coating materials for wooden buildings	DS						1	0	1	0	3
9	Wood pathology and wood protection in constructions	DS						1	0	1	0	3
10	Prefabrication of wooden buildings	DS						1	0	0	1	3
11	CAD for wooden buildings	DS						2	0	2	0	6
12	History of wooden constructions	DS						1	0	0	1	3
13	Internship 2	DS						0	0	0	12	6
TOTAL OF ASSISTED HOURS:			8	0	5	3		8	0	6	2	
TOTAL OF PARTIALLY ASSISTED HOURS (INTERNSHIP):						12					12	
TOTAL:			28				30	28				30

*DS – specialized disciplines DC – complementary disciplines

C=course; S=seminar; L=laboratory; P=project

2nd Year

No. crt.	Course	Code*	3 rd Semester					4 th Semester				
			C	S	L	P	Cred	C	S	L	P	Cred
1	Wood constructions 2	DS	1	0	0	1	3					
2	Energy-efficient buildings	DS	1	0	0	1	4					
3	Calculus of wooden buildings	DS	2	0	2	0	6					
4	Finite Element Method for wooden buildings	DS	1	0	1	0	3					
5	Doors, windows, interior stairs and floorings	DS	2	0	0	2	5					
6	Package of optional disciplines: Wood properties and non-destructive testing / Recycling and recovery of wood wastes from buildings	DS	1	0	1	0	3					
7	Internship 3	DS	0	0	0	12	6					
8	Preparation of dissertation thesis - internship	DS						0	0	0	14	15
9	Elaboration of the dissertation thesis	DS						0	0	0	14	15
TOTAL OF ASSISTED HOURS:			8	0	4	4		0	0	0	0	
TOTAL OF PARTIALLY ASSISTED HOURS (INTERNSHIP):						12					28	
TOTAL:			28				30	28				30

*DS – specialized disciplines DC – complementary disciplines

C=course; S=seminar; L=laboratory; P=project