

# Transilvania University of Braşov, Romania

## Study program: Wood Technology for Buildings

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

#### 1<sup>st</sup>Year

No. crt.	Course	Code	1 <sup>st</sup> Semester					2 <sup>nd</sup> Semester				
			C	S	L	P	Cred	C	S	L	P	Cred
1	Wood structure and properties	SPL (DAP)	2	0	2	0	6					
2	Wood and wooden materials for constructions	LMBLC (DAP)	2	0	0	2	6					
3	Technology of wood for constructions	TLC (DS)	2	0	1	1	6					
4	Heat and mass transfer in wooden buildings	TCUCL (DAC)	1	0	1	0	4					
5	Ethics and academic integrity	EIA (DAP)	1	1	0	0	2					
6	Internship 1	PP1 (PS)	0	0	0	12	6					
1	Constructive systems for wooden buildings 1	SCCL1 (DAP)						2	0	2	0	6
2	Adhesives and coating materials for wooden buildings	AMFCL (DS)						1	0	1	0	3
3	Wood pathology and wood protection in constructions	PPC (DAC)						1	0	1	0	3
4	Prefabrication of wooden buildings	PCL (DS)						1	0	0	1	3
5	CAD for wooden buildings	CADCL (DAP)						2	0	2	0	6
6	Internship 2	PP2 (PS)						0	0	0	12	6

Elective courses (to be selected one from each package)

7	Wood architecture	AL (DS)						1	1	0	0	3
	History of wooden constructions	ICL (DS)										
<b>TOTAL OF ASSISTED HOURS:</b>			<b>8</b>	<b>1</b>	<b>4</b>	<b>3</b>		<b>8</b>	<b>1</b>	<b>6</b>	<b>1</b>	
<b>TOTAL OF PARTIALLY ASSISTED HOURS</b>						<b>12</b>					<b>12</b>	
<b>TOTAL:</b>			<b>28</b>				<b>30</b>	<b>28</b>				<b>30</b>

## 2<sup>nd</sup> Year

No. crt.	Course	Code	3 <sup>rd</sup> Semester					4 <sup>th</sup> Semester				
			C	S	L	P	Cred	C	S	L	P	Cred
1	Constructive systems for wooden buildings 2	SCCL2 (DAP)	1	0	0	1	3					
2	Low-energy buildings/Passive houses	CCERCP (DAC)	1	0	0	1	4					
3	Calculus of wooden buildings	CCL (DAC)	2	0	2	0	6					
4	Finite Element Method for wooden buildings	MEFACL (DAC)	1	0	1	0	3					
5	Doors, windows, interior stairs and floorings	UFSPL (DS)	2	0	0	2	5					
6	Internship 3	PP3 (PS)	0	0	0	12	6					
1	Preparation of dissertation thesis - internship	PPD (PLD)						0	0	0	14	15
2	Elaboration of the dissertation thesis	ELD (DS)						0	0	0	14	15

Elective courses (to be selected one from each package)

3	Wood properties and non-destructive testing	PLTN (DAC)	1	1	0	0	3					
	Recycling and recovery of wood wastes from buildings	RRVDC (DAC)										
<b>TOTAL OF ASSISTED HOURS:</b>			<b>8</b>	<b>1</b>	<b>3</b>	<b>4</b>		0	0	0	0	
<b>TOTAL OF PARTIALLY ASSISTED HOURS</b>						<b>12</b>					<b>28</b>	
<b>TOTAL:</b>			<b>28</b>				<b>30</b>	<b>28</b>				<b>30</b>