

# Transilvania University of Braşov, Romania

## Study program: Wood Processing Engineering – part time

Faculty:	Furniture Design and Wood Engineering
Study period:	4 years (bachelor)
Academic year structure:	2 semesters (14 weeks per semesters 1-7; 14 weeks per semester 8)
Examination sessions (two):	winter session (January/February) summer session (June/July)

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

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

Nr. crt.	Course	Code	3 <sup>rd</sup> Semester					4 <sup>th</sup> Semester				
			C	S	L	P	Cred	C	S	L	P	Cred
01	Descriptive Geometry 2	GD02-IFR	14		28		4					
02	Technical Drawing and Infographics in Wood Industry 2	DT02-IFR	14		28		4					
03	Strength of Materials	RML-IFR	28		28		5					
04	Wood Physics and Mechanics	FML-IFR	42		28		6					
05	Wood Preservation	PRL-IFR	28		28		5					
06	Drives in Wood Industry	ACT-IFR	28		28		4					
07	Technical Drawing and Infographics in Wood Industry 3	DT03-IFR						28		28		4
08	Wood Structures for Constructions	STR-IFR						28		28		4
09	Wood Structures for Furniture	STM-IFR						28		28		4
10	Technological Materials in Wood Industry	MTH-IFR						28		28		5
11	General Economy	ECG-IFR							14			1
12	Fundamentals of Wood Production and Environmental Protection 2	BP02-IFR						14		14		2
13	Internship 1	PR01-IFR						90 h (3 weeks x 30h/week)				4
14	Study of Wood Properties	SPL-IFR						28		28		4
15	Physical Training	EF03-IFR/ EF04-IFR		14			1		14			1
16	English language	LE03-IFR/ LE04-IFR	14	14			2	14	14			2
<b>TOTAL</b>			<b>168</b>	<b>28</b>	<b>168</b>	<b>0</b>	<b>31</b>	<b>168</b>	<b>42</b>	<b>154</b>	<b>0</b>	<b>31</b>
<b>TOTAL HOURS</b>			<b>364</b>					<b>364</b>				

### 3<sup>rd</sup> Year

No. crt.	Course	Code	5 <sup>th</sup> Semester					6 <sup>th</sup> Semester				
			C	S	L	P	Cred	C	S	L	P	Cred
01	Thermal Treatments of Wood 1	TT01-IFR	28		28		5					
02	Basics of Wood Cutting and Cutting Tools 1	SA01-IFR	28		28		5					
03	Machine-Tools and Units in Wood Industry 1	MU01-IFR	28		28		5					
04	3D Modelling	MOD-IFR	14		28		4					
05	Timber	CHE-IFR	28		28		4					
06	Calculus of Wooden Structures for Constructions	CSL-IFR	28		28		4					
	Accessories for Furniture	ACC-IFR										
07	Work Protection and Protection against Fire	PMF-IFR	28		14		3					
	Wood Bending and Moulding	CML-IFR										
08	Thermal Treatments of Wood 2	TT02-IFR						14		14		2
09	Thermal Treatments of Wood - Project	TTP-IFR									28	2
10	Basics of Wood Cutting and Cutting Tools 2	SA02-IFR						28	28			4
11	Machine-Tools and Units in Wood Industry 2	MU02-IFR						42		28		5
12	Machine-Tools and Units - Project	MUP-IFR									28	2
13	Furniture design, manufacture and viability 1	MO01-IFR						28	28			5
14	Numerical Control Technique in Wood Industry	TCN-IFR						28		14		3
15	Internship 3	PR02_IFR						90 h (3weeks x 30h/week)				4
16	Technological Devices in Wood Industry	DTH-IFR						28		28		3
	Wooden furniture for the arrangement of green spaces	ASV-IFR										
<b>TOTAL</b>			<b>182</b>	<b>0</b>	<b>182</b>	<b>0</b>	<b>30</b>	<b>168</b>	<b>56</b>	<b>84</b>	<b>56</b>	<b>30</b>
<b>TOTAL HOURS</b>			<b>364</b>					<b>364</b>				