

Transilvania University of Braşov, Romania

Study program: Silviculture

Faculty:	Silviculture and Forest Engineering
Study period	4 years (bachelor)
Academic year structure	2 semesters (14 weeks per semester, except the last semester which has only 10 weeks)
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
01	Mathematics	MATE	2	2			5					
02	Biostatistics	BIOS	2		2		4					
03	Technical Drawing and Cartography	GDDT	2		2		4					
04	Forest Informatics	INFF	2		2		5					
05	Biochemistry	BIOCH	2		2		4					
06	Soil Science with elements of Geology and Geomorphology	PEGG	2		2		5					
07	Academic writing	SAC	1				1					
08	Forest Soils and Sites	SSFOR						2		3		5
09	Forest Meteorology and Climatology	METEO						2		2		4
10	Botany	BOT						2		2		4
11	Topography-Geodesy I	TOPO1						2		2		4
12	Dendrology I	DEN1						2		2		5
13	Genetics	GENE						2		1		4
14	Practical Training I	PSS1						60 hours				2
15	English Language	LES1/ LES2	1	1			2	1	1			2
	French Language	LFS1/ LFS2										
	German language	LGS1/LGS2										
	Spanish Language	LSS1/LSS2										
16	Physical Education and Sports	EFS1/EFS2		1			1		1			1

2nd Year

No. crt.	Course	Code	3 rd Semester					4 th Semester				
			C	S	L	P	Cred	C	S	L	P	Cred
01	Game Management	FAUNA	3		3		6					
02	Forest Constructions	CONF	2			2	5					
03	Topography-Geodesy II	TOPO2	1		1		3					
04	GIS	GIS	1		3		5					
05	Dendrology II	DEN2	2		2		5					
06	Forest Entomology	ENTO						2		2		4
07	Afforestations I	ÎMP1						2		2		4

08	Dendrometry I	DENDR1						2		2		4
09	Forest Ecology	ECOL						2		2		4
10	Forest Products I	PROD1						2		2		4
11	Silviculture I	SILV1						2		2		5
12	Practical Training II	PSS2						90 hours				3
13	<i>(01) General Machine Lecture</i>	CGM	2		2			4				
	<i>(01) Mechanics and Strength of Materials</i>	MRMS		2								
14	English Language	LES3/ LES4	1	1				2	1	1		2
	French Language	LFS3/ LFS4										
	German language	LGS3/LGS4										
	Spanish Language	LSS3/LSS4										
15	Physical Education and Sports	EFS3/EFS4		1			1		1			1

3rd Year

No. crt.	Course	Code	5 th Semester					6 th Semester				
			C	S	L	P	Cred	C	S	L	P	Cred
01	Forest Transports	TRANSP	2	-	-	2	4	-	-	-	-	-
02	Forest Management I	AMEN1	2	-	2	-	4	-	-	-	-	-
03	Silviculture II	SILV2	2	-	1	1	5	-	-	-	-	-
04	Wood Exploitation	EXPL1	2	-	2	-	5	-	-	-	-	-
05	Dendrometry II	DRM2	1	-	2	-	4	-	-	-	-	-
06	Forest Products II	PROD2	1	-	2	-	4	-	-	-	-	-
07	Plant Physiology	FIZPL	-	-	-	-	-	2	-	2		4
08	Forest Management II	AMEN2	-	-	-	-	-	2	-		2	4
09	Forest Phytopathology	FITO	-	-	-	-	-	2	-	2	-	4
10	Torrential Watershed Management I	TOR1	-	-	-	-	-	2	-	2	-	4
11	Management and Forest Economics	MECFOR	-	-	-	-	-	2	2	-	-	4
12	Plant Geography and Phytosociology	FF	-	-	-	-	-	2	-	1	-	3
13	Practical Training III	PSS3	-	-	-	-	-	90 hours				3
14	<i>(02) Afforestations II (Afforestations and Ecological reconstruction)</i>	IMP2	2	-	1	1	4	-	-	-	-	-
	<i>(02) Afforestation II (Afforestations and Cultures with special destinations)</i>	ICDS										
15	<i>(03) Wood Exploitation II</i>	EXPL2	-	-	-	-	-	2	-	-	2	4
	<i>(03) Planning and management of wood exploitation</i>	POEP										

4th Year

No. crt.	Course	Code	7 th Semester					8 th Semester				
			C	S	L	P	Cred	C	S	L	P	Cred
01	Forest Land Reclamation	AMEL	3	-	1	2	6	-	-	-	-	-
02	Torrential watershed management II	TOR2	2	-	-	2	5	-	-	-	-	-
03	Mechanization of Silvicultural Interventions	MLS	3	-	3	-	6	-	-	-	-	-
04	Trouts farming	SALMON	2	-	2	-	5	-	-	-	-	-
05	Forest law and legislation	DLF	-	-	-	-	-	2	-	2	-	4
06	Trade of Forest Products	COMPF						1	-	2	-	3
07	Photogrammetry	FOTO	-	-	-	-	-	1	-	1	-	3

08	Data collection for drafting the bachelor' s thesis	PEPD	-	-	-	-	-	60 hours				4
09	Drafting the bachelor' s thesis	EPD	-	-	-	-	-	60 hours				3
10	<i>(04) Biodiversity Conservation and protected areas</i>	CONSBIO	2	-	2	-	4	-	-	-	-	-
	<i>(04) Forest modelling</i>	MODS										
11	<i>(05) Xilology</i>	XILO	1	-	1	-	2	-	-	-	-	-
	<i>(05) Urban Landscaping</i>	ASV										
13	<i>(06) Wood Processing Technology</i>	TPLS	1	-	1	-	2	-	-	-	-	-
	<i>(06) Land Surveying (Cadastre)</i>											
14	<i>(07) Applications of Genetics in Forestry</i>	AGS	-	-	-	-	-	2	-	1	-	4
	<i>(07) Forest Genetic Resources</i>	RGF										
14	<i>(08) Accounting</i>	CONTA	-	-	-	-	-	1	-	1	-	3
	<i>(08) Forest Administration</i>	ADMIN										
15	<i>(09) International Silviculture</i>	SINT	-	-	-	-	-	2	-	2	-	4
	<i>(09) Forest Protection technique</i>	TPP										
16	<i>(010) Communication and Public Relations</i>	COMUNI	-	-	-	-	-	1	-	1	-	2
	<i>(010) Physiological bases of forest ecosystems production</i>	BFPEF										