

Transilvania University of Braşov, Romania

Study program: Forestry

Faculty: Silviculture and Forest Engineering
 Study period: 4 years (bachelor);
 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
01	Mathematics	MATE	2	2	-	-	5	-	-	-	-	-
02	Biostatistics	BIOS	2	-	2	-	5	-	-	-	-	-
03	Technical Drawing and Cartography	DTC	2	-	2	-	4	-	-	-	-	-
04	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	PDS1	-	-	-	-	-	60 hours			2	
14	<i>English Language</i>	LES1/ LES2	1	1	-	-	2	1	1	-	-	2
	<i>French Language</i>	LFS1/LFS2										
	<i>German Language</i>	LGS1/LGS2										
	<i>Spanish Language</i>	LSS1/LSS2										
15	<i>Physical Education and Sports</i>	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	GIS	1		3		5	-	-	-	-	-
05	Dendrology II	DEN2	2		2		5	-	-	-	-	-
06	Forest Entomology	ENTO	-	-	-	-	-	2	-	2	-	4

07	Afforestations I	IMP1	-	-	-	-	-	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	PDS2	-	-	-	-	-	90 hours			3	
13	(O1) General Machine Lecture	CGM	2	-	2	-	4	-	-	-	-	-
14	(O1) Mechanics and Strength of Materials	MRMS	2	2	-	-	4	-	-	-	-	-
15	<i>English Language</i>	LES3/LES4	1	1	-	-	2	1	1	-	-	2
	<i>French Language</i>	LFS3/LFS4	1	1	-	-	2	1	1	-	-	2
	<i>German Language</i>	LGS3/LGS4	1	1	-	-	2	1	1	-	-	2
	<i>Spanish Language</i>	LSS3/LSS4	1	1	-	-	2	1	1	-	-	2
16	<i>Physical Education and Sports</i>	EFS3/EFS4	-	1	-	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	Timber Harvesting I	EXPL1	2	-	2	-	5	-	-	-	-	-
05	Dendrometry II	DRM2	1	-	2	-	4	-	-	-	-	-
06	Forest Products II	PROD2	1	-	2	-	4	-	-	-	-	-
07	Plants Physiology	FIZPL	-	-	-	-	-	2	-	2	-	4
08	Forest Management II	AMEN2	-	-	-	-	-	2	-	-	2	4
09	Forest Phytopathology	FITO	-	-	-	-	-	2	-	2	-	4
10	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>(O₂) Afforestations II (Afforestations and Ecological Reconstruction)</i>	IMP2	2	-	1	1	4	-	-	-	-	-
15	<i>(O₃) Timber Harvesting II</i>	EXPL2	-	-	-	-	-	2	-	-	2	4

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 Restoration	AMEL	3	-	1	2	6	-	-	-	-	-
02	Watershed Management II	TOR2	2	-	-	2	5	-	-	-	-	-
03	Mechanization of Silvicultural Operations	MLS	3	-	3	-	6	-	-	-	-	-
04	Aquaculture of Salmonids	SALMON	2	-	2	-	5	-	-	-	-	-
05	Law and Forest Legislation	DLF	-	-	-	-	-	2	-	2	-	4
06	Trade of Forest Products	COMPF	-	-	-	-	-	1	-	2	-	3
07	Photogrammetry	FOTO	-	-	-	-	-	1	-	1	-	3
08	Practical for drafting the diploma work	PEPD	-	-	-	-	-	120 hours			4	
09	Practical Training	PSS4	-	-	-	-	-	60 hours			3	

10	<i>(O₄) Biodiversity Conservation and Protected Areas</i>	CONSBIO	2	-	2	-	4	-	-	-	-	-
11	<i>(O₅) Wood Study</i>	XILO	1	-	1	-	2	-	-	-	-	-
12	<i>(O₆) Technology of Wood Transformation</i>	TPL	1	-	1	-	2	-	-	-	-	-
13	<i>(O₇) Applications of Genetics in Forestry</i>	AGS	-	-	-	-	-	2	-	1	-	4
14	<i>(O₈) Forest Administration</i>	ADMIN	-	-	-	-	-	1	-	1	-	3
15	<i>(O₉) International Forestry</i>	SINT	-	-	-	-	-	2	-	2	-	4
16	<i>(O₁₀) Communication and Public Relations</i>	COMUNI	-	-	-	-	-	-	-	-	-	-
17	<i>(O₁₀) Physiological Bases of Forest Ecosystem Production</i>	BFPEF	-	-	-	-	-	1	-	1	-	2