

Transilvania University of Braşov, Romania

Study program: Forest Ecosystem Management

Faculty: Silviculture and Forest 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.	
01	Complex Watershed Management	ACBH	2		2		7						
02	Forest and Environmental Regulations	REF	1	2			6						
03	Integrated Management of Forest Pests	MIDF	2		2		7						
04	Advanced GIS Techniques and Concepts	CTAG	1		2		6						
05	Ethics and Academic Integrity	EIA	1		-		2						
06	Forest Policy and Strategy	PSF	1		-		2						
07	Complex Applications of Mathematical Statistics in Silviculture	ACSMS						1		3			7
08	Ecology and Sociology of Indicator Plant Species	ECPI						1		2			6
09	Management and Entrepreneurship in Silviculture	MAS						1		1			5
10	Forest Protection	PROTPAD						2		-			4
11	Forest Management Certification	CERTPAD						1		1			4
12	Informational System in Forestry	SINFS						1		1			4
Total course hours per week			8	2	6		30	7		8			30

2nd Year

No. crt.	Course	Code	3 rd Semester					4 th Semester					
			C	S	L	P	Cred.	C	S	L	P	Cred.	
01	Research Activities	PRACT						10 weeks x 15 hours = 150 hours				20	
02	Elaboration of the MSc Thesis	DISERT						4 weeks x 15 hours = 60 hours				10	
03	<i>Global Climate Changes and Their Consequences</i>	MCGCA	1		-		3						
	<i>Forest Microclimatology</i>	MF											
04	<i>Forest Tree Breeding</i>	SPMAA	2		1		7						
	<i>Conservation of Forest Genetic Resources</i>	RGF											
05	<i>Special Silviculture</i>	SILVSPEC	1		3		7						
	<i>Forest Ecosystem Dynamics</i>	DINECOS											
06	<i>Agro-Forestry Systems</i>	SAPFP	1		2		6						
	<i>Ecophysiology</i>	ECOFIZ											
07	<i>Wild Life Evaluation and Conservation</i>	ECFS	2		2		7						
	<i>National Forest Inventory and Monitoring</i>	MONFOR											
Total course hours per week			7		8		30	15				30	