

Study programme: Sustainable Forestry and Natural Resource Management (BSFNRM)

Bachelor study programme, full-time study, 3-years, code: B0821A160009

Academic Year 2026/2027

Course: 1

Compulsory Subjects

Subjects code	Subject	1st semester - winter						2nd semester - summer						Lecturer
		lec	sem	FL	EC TS	c	ex	lec	sem	FL	EC TS	c	ex	
LLL031E	Ecology and natural resources	2	1	8	6	z	zk							assoc. prof. Hofmeister
LRL055E	Economics in Natural Resource Management	2	1		4	z	zk							Ing. Palátová
LRL056E	Nontimber Forest Products and Services	2	2		5	z	zk							RNDr. Riedl
LXL019Z	Study Introduction and Health and Safety regulations	1	0		1	z								Vice-dean
LDL011E	Tree Ecophysiology	2	2		5	z	zk							assoc. prof. Tomášková
LLL032E	Vegetation Science	2	2	2	6	z	zk							assoc. prof. Matula
LHL038E	Applied Statistics							2	2		5	z	zk	assoc. prof. Kuželka
LHL039E	GIS							1	3		6	z	zk	Mgr. Trombik
LOL017E	Principles of entomology and plant pathology							3	2	12	6	z	zk	Ing. Synek
LXL020Z	Study Introduction and Health and Safety regulations							1			1	z		Vice-dean
LDL012E	Tree Genetics							2	2		4	z	zk	Ing. Korecký
LML044E	Wildlife Behavioral Ecology							2	2		5	z	zk	Mgr. Másílková
LZL060E	Wood and Wood-based biomaterials for sustainable smart solutions							2	2		5	z	zk	assoc. prof. Zeidler
	Total	11	8	10	27	6	5	13	13	12	32	7	6	

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Academic Year 2027/2028

Course: 2

Compulsory Subjects

Subjects code	Subject	1st semester - winter						2nd semester - summer						Lecturer
		lec	sem	FL	EC TS	c	ex	lec	sem	FL	EC TS	c	ex	
LLL033E	Applied Arboriculture in Urban Ecosystems							2	1		6	z	zk	Ing. Bažant
LXL024Z	Bachelor Thesis - Methodology										2	z		Vedoucí BP
LOL018E	Environmental Global Risk Assessment							2	1		3	z	zk	Ing. Berčák
LTL023E	Forest Machinery and Harvesting							2	2		4	z	zk	assoc. prof. Jankovský
LHL031E	Forest mensuration							2	2		4	z	zk	prof. Marušák
LDL013E	Gene resource management							2	1		3	z	zk	RNDr. Čepl
ZVX109E	Global Change and Water Resources							2	1		5	z	zk	Mgr. Martínková
LRL057E	Communication and Public Relations in Natural Resource Management							2	2		3	z	zk	RNDr. Riedl
LDL014E	Planting and maintaining trees in urban areas							2	0	12	3	z	zk	assoc. prof. Tomášková
	Total	0	0	0	0	0	0	16	10	12	33	9	8	

Elective Subjects

LXL117Z	Mobility Internship / selected courses at university				30	z								assoc. prof. Matula
	Celkem							0	0	0	0	0	0	

Within this study program, students are required to obtain 30 ECTS by completing a study stay abroad at one of the partner universities of the Faculty of Forestry and Wood Sciences, for a minimum duration of three months.

In the winter semester of the second year, the student will enroll in the course Mobility Internship (1 semester) – a study stay at a foreign university aimed at broadening academic knowledge, during which the student must earn a total of 30 ECTS credits.

Study programme: Sustainable Forestry and Natural Resource Management (BSFNRM)

Bachelor study programme, full-time study, 3-years, code: B0821A160009

Academic Year 2028/2029

Course: 3

Compulsory Subjects

Subjects code	Subject	1st semester - winter						2nd semester - summer						Lecturer
		lec	sem	FL	EC TS	c	ex	lec	sem	FL	EC TS	c	ex	
LXL025Z	Bachelor Thesis - Processing				6	z								Vedoucí BP
LRL058E	Forest-based Bioeconomy	2	2		4	z	zk							assoc. prof. Jankovský
LXL031Z	Fundamentals of Research	2	1		3	z								assoc. prof. Matula
LRL059E	Social aspects of natural resource utilization	2	2		4	z	zk							Mgr. Huertas Bernal
LHL040E	Sustainable forest management	2	2		6	z	zk							prof. Marušák
LML045E	Wildlife Management	2	2		3	z	zk							assoc. prof. Podgorski
LTL024E	Wood Supply Chain Management in Forest-based Industries	2	1		4	z	zk							Ing. Natov
LPL018E	Adaptive Silviculture							2	2		6	z	zk	assoc. prof. Bílek
LXL026Z	Bachelor Thesis - Handover										10	z		Vedoucí BP
LXL011E	Climate adaption of European Forest							2	1	12	4	z	zk	Ing. Modlinger
LOL019E	Ecological Principles in Forest Protection							2	2		4	z	zk	assoc. prof. Horák
LRL060E	Environmental Policy							2	1		4	z	zk	Ing. Rinn
	Total	12	10	0	30	7	5	8	6	12	28	5	4	

Course: 3

State Final Examination (SFE)

Subjects of the State Final Examination	Profile subjects of the common core
1. Ecology and Ecophysiology	Ecology and Natural Resources, Tree Ecophysiology, Wildlife Behavioral Ecology
2. Forest and Natural Resource Management	Sustainable Forest Management, Ecological Principles in Forest Protection, Adaptive Silviculture, Wildlife Management
3. Economics and Politics	Economics in Natural Resource Management, Forest-based Bioeconomy, Environmental Policy
4. Silviculture	Phytosociology and Classification of Communities, Silviculture
5. Defence of Bachelor Thesis	

Each Final State Exam subject consists primarily of the core courses listed in the column Profile Core Courses.

The sets of exam questions will be published before the Final State Examination.

Vysvětlivky:

lec	number of lecture hours per week
sem	number of seminar/practical lecture hours per week
FL	number of field training hours per semester
c	course is completed with a credit (pass/fail)
ex	course is completed with an examination (getting the marks)
ECTS	number of ECTS credits assigned to the course