

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

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

Academic Year: 2026/2027

Course: 1

Obligatory Subjects

Subjects code	Subject	1st semester - winter						2nd semester - summer						Lecturer
		lec	sem	FL	ECT S	c	ex	lec	sem	FL	ECTS	c	ex	
	Ecology and natural resources	2	1	8	6	z	zk							doc. RNDr. Jan Hofmeister, Ph.D.
	Economics in Natural Resource Management	2	1		4	z	zk							Bc. Ing. Petra Palátová, Ph.D.
	Nontimber Forest Products and Services	2	2		5	z	zk							RNDr. Marcel Riedl, CSc.
	Study Introduction and Health and Safety regulations	1			1	z								Proděkan
	Tree Ecophysiology	2	2		5	z	zk							doc. Ing. Ivana Tomášková, Ph.D.
	Vegetation Science	2	2	2	6	z	zk							doc. Ing. Radim Matula, Ph.D.
	Applied Statistics							2	2		5	z	zk	doc. Ing. Karel Kuželka, PhD.
	GIS							1	3		6	z	zk	Mgr. Jiří Trombik, Ph.D.
	Principles of entomology and plant pathology							3	2	12	6	z	zk	Ing. Jiří Synek, Ph.D.
	Study Introduction and Health and Safety regulations							1			1	z		Proděkan
	Tree Genetics							2	2		4	z	zk	Ing. Jiří Korecký, Ph.D.
	Wildlife Behavioral Ecology							2	2		5	z	zk	Mgr. Michaela Mášilková, Ph.D.
	Wood and Wood-based biomaterials for sustainable smart solutions							2	2		5	z	zk	doc. Ing. Aleš Zeidler, Ph.D.
	Celkem	11	8	10	27	6	5	13	13	12	32	7	6	

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Academic Year: 2027/2028

Course: 2

Obligatory Subjects

Subjects code	Subject	1st semester - winter						2nd semester - summer						Lecturer
		lec	sem	FL	ECTS	c	ex	lec	sem	FL	ECTS	c	ex	
	Applied Arboriculture in Urban Ecosystems							2	1		6	z	zk	Ing. Václav Bažant, Ph.D.
	Bachelor Thesis - Methodology										2	z		Vedoucí BP
	Environmental Global Risk Assessment							2	1		3	z	zk	Ing. Roman Berčák, Ph.D.
	Forest Machinery and Harvesting							2	2		4	z	zk	doc. Ing. Martin Jankovský, PhD.
	Forest mensuration							2	2		4	z	zk	prof. Ing. Robért Marušák, PhD.
	Gene resource management							2	1		3	z	zk	RNDr. Jaroslav Čepl, Ph.D.
	Global Change and Water Resources							2	1		5	z	zk	FŽP - Mgr. Marta Martínková, Ph.D.
	Marketing and Public Relations in Natural Resource Management							2	2		3	z	zk	RNDr. Marcel Riedl, CSc.
	Planting and maintaining trees in urban areas							2	0	12	3	z	zk	doc. Ing. Ivana Tomášková, Ph.D.
	<i>Celkem</i>							<i>16</i>	<i>10</i>	<i>12</i>	<i>33</i>	<i>9</i>	<i>8</i>	

Course: 2

Elective Subjects

Subjects code	Subject	1st semester - winter						2nd semester - summer						Lecturer
		lec	sem	FL	ECTS	c	ex	lec	sem	FL	ECTS	c	ex	
	Mobility Internship / selected courses at university				30	z								doc. Ing. Radim Matula, Ph.D.
	<i>Celkem</i>				<i>30</i>	<i>1</i>								

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 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, which the student must earn a total of 30 ECTS credits. This course is classified as an elective course.

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

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

Academic Year: 2028/2029

Course: 3

Obligatory Subjects

Subjects code	Subject	1st semester - winter						2nd semester - summer						Lecturer
		lec	sem	FL	ECTS	c	ex	lec	sem	FL	ECTS	c	ex	
	Bachelor Thesis - Processing				6	z								Vedoucí BP
	Forest-based Bioeconomy	2	2		4	z	zk							Ing. Martin Jankovský, PhD.
	Fundamentals of Research	2	1		3	z								doc. Ing. Radim Matula, Ph.D.
	Social aspects of natural resource utilization	2	2		4	z	zk							Mgr. Diana Carolina Huertas Bernal, Ph.D.
	Sustainable forest management	2	2		6	z	zk							prof. Ing. Robért Marušák, PhD.
	Wildlife Managament	2	2		3	z	zk							doc. MSc. Tomasz Podgorski, Ph.D.
	Wood Supply Chain Management in Forest-based Industries	2	1		4	z	zk							Ing. Bc. Pavel Natov, Ph.D.
	Adaptive Silviculture							2	2		6	z	zk	doc. Ing. Lukáš Bílek, Ph.D.
	Bachelor Thesis - Handover										10	z		Vedoucí BP
	Climate adaption of European Forest							2	1	12	4	z	zk	Ing. Roman Modlinger, Ph.D.
	Ecological Principles in Forest Protection							2	2		4	z	zk	doc. Bc. Ing. Jakub Horák, Ph.D.
	Environmental Policy							2	1		4	z	zk	Ing. Radek Rinn, Ph.D.
	<i>Celkem</i>	<i>12</i>	<i>10</i>	<i>0</i>	<i>30</i>	<i>7</i>	<i>5</i>	<i>8</i>	<i>6</i>	<i>12</i>	<i>28</i>	<i>5</i>	<i>4</i>	

Subjects of the Final state examination	Profile subjects of the common core
SFE consists of a bachelor thesis defence and examination of 3 subjects SFE:	
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 Managament
3. Economics and Politics	Economics in Natural Resource Management, Forest-based Bioeconomy, Environmental Policy

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.

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