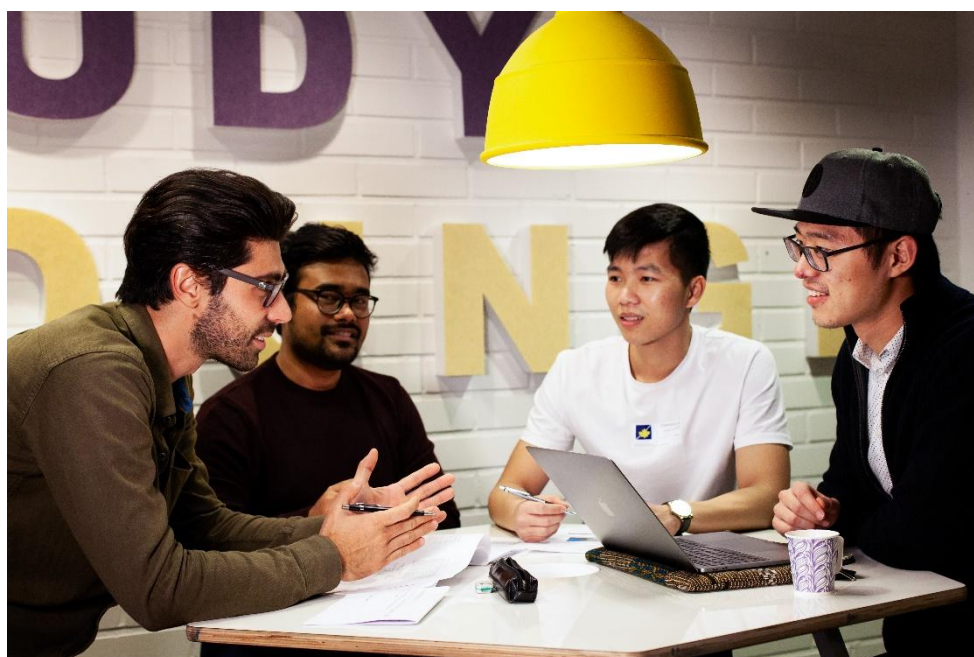# MSc European Forestry
ERASMUS MUNDUS

A two-year Erasmus Mundus Joint Master's Degree Programme (EMJMD)

ACADEMIC STUDY GUIDE 2025–2027

University of Eastern Finland
AgroParisTech, France
BOKU University, Austria
University of Lleida, Spain
University of Freiburg, Germany
Transilvania University of Braşov, Romania

Reviewed by AQAS
www.aqas.de

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FOREWORD

Welcome to our MSc European Forestry (EMJMD) programme!

MSc European Forestry is a unique and multicultural Erasmus Mundus Joint Master Degree (EMJMD) programme. It aims at providing you insight into the various practices, administrative characteristics and state-of-the-art technologies of the contemporary forest cluster.

Forestry is a multidisciplinary field of science where the MSc European Forestry programme takes you on an exciting journey throughout Europe. It highlights the importance of urban forestry, introduces you to the applications of multiple uses of forests, and teaches you the practices in mountain forestry as well as in technologies used in the production-oriented forest industry. The variety of subjects within European Forestry allows you to choose the studies that best suit your ambitions. Throughout the studies, our professional teaching personnel are committed to supporting your learning process towards a scientific way of thinking.

I am proud to act on behalf of our MSc EF Consortium that jointly provides the best knowledge in European Forestry today! On behalf of all the Partners, I congratulate you and wish you all the best for your two-year studies!

Professor Timo Tokola,
Coordinator of the MSc European Forestry programme

EMJMD AND THE EUROPEAN UNION

The Erasmus Mundus Joint Master Degree (EMJMD) programme

Erasmus+ is the EU's programme to support education, training, youth and sport in Europe. It supports European top-quality master's courses and enhances the visibility and attractiveness of European universities. The EMJMD programmes are prestigious, integrated, international study programmes, jointly delivered by an international consortium of higher education institutions. MSc European Forestry was awarded the title of EM/EMJMD programme in 2004–2008, 2009–2013, 2016–2021 and again in 2019–2025.

The first cohort of the Erasmus Mundus students started in 2004. Currently, there are more than 200 different master's courses offered. The EMJMD/EMJM disciplines vary from humanities to space science and technology, and among them, the MSc in European Forestry stands as one of the very few in the field of bioeconomy and forest sciences. The MSc EF has also been accredited according to the European approach for quality assurance of the joint programmes (http://www.eqar.eu/kb/joint-programmes) among the first ones in the whole world.

The European Union

As stated on the European Union website (http://www.europa.eu), the European Union (EU) is a family of 27 democratic European countries, committed to working together for peace and prosperity. The member states have set up common institutions to which they delegate some of their sovereignty so that decisions on specific matters of joint interest can be made democratically at the European level.

Initially, the EU consisted of just six countries: Belgium, Germany, France, Italy, Luxembourg and the Netherlands. Denmark, Ireland and the United Kingdom joined in 1973, Greece in 1981, Spain and Portugal in 1986, Austria, Finland and Sweden in 1995. In 2004 the biggest ever enlargement took place with 10 new countries joining: Estonia, Latvia, Lithuania, Malta,

Czech Republic, Slovakia, Poland, Slovenia, Hungary and Cyprus. In 2007, Romania and Bulgaria joined the Union. Croatia became the 28th EU member country on 1 July 2013. In June 2016 the United Kingdom decided to stop being part of the European Union. So, from 31 January 2020, the United Kingdom is no longer part of the European Union.

Source: www.ec.europa.eu

For more information: https://europa.eu/european-union/index_en

http://ec.europa.eu/programmes/erasmus-plus/opportunities-for-individuals/students/erasmus-mundus-joint-master-degrees_en

PROGRAMME DESCRIPTION

The Master of Science in European Forestry (MSc EF) is a master's degree programme provided by a consortium of six well-known European universities. The MSc EF is an international double-degree programme, which is acknowledged as a top-quality European MSc under the Erasmus Mundus Joint Master Degree programme by the European Commission.

MSc EF is an interdisciplinary programme that provides academic education in the field of sustainable resource management with a special emphasis on bioeconomy. MSc EF offers a new approach to the markets in forestry and nature management and it connects the increasing number of forest-related issues with a European dimension at international as well as national levels.

The objective of the MSc EF programme is to educate professionals who have a thorough understanding of sustainable forest bioeconomy as well as in European business culture.

CONSORTIUM

In MSc EF, six European top-class forestry universities collaborate intensively to offer joint study modules in addition to their existing curricula.

The MSc EF Consortium consists of the following **Full Partners**:

- University of Eastern Finland (coordinator) (UEF)
- AgroParisTech, France (APT)
- University of Freiburg, Germany (UFR)
- University of Lleida, Spain (UdL)
- BOKU University, Austria (BOKU)
- Transilvania University of Braşov, Romania (UNITBV)

In addition, MSc EF Consortium includes the following **Associated Partners***:*

Associated Partner universities*:*
- Federal University of Paraná, Brazil (UFPR)
- Northwest A&F University, China (NWUAF))
- São Paulo University, Brazil (USP)
- University of British Columbia, Canada (UBC)
- University of New Brunswick, Canada (UNB)

Associated Industrial and Scientific Partners:
- Austrian Research Center for Forests, Austria
- Centre INRAE Grand-Est-Nancy, France
- Centre Tecnològic Forestal de Catalunya, Spain
- Chinese Academy of Forestry, China
- District Forest Office (Forstamt) Johanniskreuz, Germany
- European Forest Institute, Finland
- International Institute for Applied Systems Analysis (IIASA), Austria
- Ocolul Silvic Ingleby, Romania
- Office National des Fôrets (ONF), France
- SC Tornator SRL, Romania
- Stora Enso Wood Supply, Finland

The University of Eastern Finland is the coordinator of MSc EF, but all the **Full Partners** are providing courses in English and in national languages, and fully recognise the studies provided by the other partners within this study programme. In addition, **Associated Industrial and Scientific Partners** offer applied period placements and MSc thesis topics for the MSc EF students.

DESCRIPTIONS OF THE FULL PARTNERS

University of Eastern Finland, FINLAND

The Universities of Joensuu and Kuopio merged on 1 January 2010 to constitute the University of Eastern Finland. With approximately 16,000 students and 3,200 members of staff, the University of Eastern Finland is one of the largest universities in Finland. The university has campuses in Joensuu and in Kuopio. The four faculties of the University of Eastern Finland, i.e., the Philosophical Faculty, the Faculty of Science, Forestry and Technology, the Faculty of Health Sciences, and the Faculty of Social Sciences and Business Studies, offer teaching in more than 100 major subjects.

The School of Forest Sciences situated in the Joensuu campus belongs to the Faculty of Science, Forestry and Technology. It is one of the university's flagships as a centre for international education and research. More than 100 international students study at the school annually, which is a significant number for a school with an annual intake of about 70 degree-students. The School coordinates the MSc EF programme and the MSc in Forestry programme, and participates in the EU-Canada programme: the Transatlantic Forestry Master (TransFor-M).

For more information:

http://www.uef.fi/en, http://www.uef.fi/en/unit/school-of-forest-sciences

AgroParisTech, FRANCE

AgroParisTech was founded in 2007 by the merger of three existing French engineer schools: INA P-G, ENSIA and ENGREF. It has activities in the fields of agronomy, forestry, environment, life sciences and food technology. It has the following three primary missions: (I) to train master of engineering, master of science and doctoral students, (II) to contribute to the advancement of scientific knowledge through fundamental and applied research, and (iii) to develop international relations to enhance the career prospects of the graduates.

AgroParisTech has 300 scientists in 33 laboratories and 450 PhD students.

Within AgroParisTech, the campus of Nancy is in charge of the education in forestry at the master/engineer and doctoral levels, and of the post-master programme for the training of high-level managers for the public and private sectors. Forestry training and research mainly take place on the Nancy campus, with contributions from two other AgroParisTech campuses in Montpellier (southern France) and Kourou (French Guyana). The Nancy campus is a host to 36 scientists and presently receives circa 200 students per year. AgroParisTech's close partners in Nancy, INRAE (French National Institute for Agricultural Research), R&D department of Office National des Forêts (manager of French public forests), IGN (National Forest Inventory) and the Université de Lorraine participate in the *Erasmus Mundus* master in forestry. With its local partners in higher education in Nancy, AgroParisTech runs the Nancy doctoral school called "Science et Ingénierie des Ressources Naturelles" (Science and engineering of natural resources, SIRENA) in the frame of which a PhD in tree biology, forest ecology or forest resource assessment can be prepared.

For more information:
http://www.agroparistech.fr

University of Freiburg, GERMANY

The Faculty of Environment and Natural Resources is located in Freiburg, a traditional and at the same time dynamic university town of 230,000 inhabitants. The main focus of the faculty is the interaction between environment and society. Natural sciences, social sciences, and technical competences serve as a foundation for a wide-ranged, interdisciplinary approach to research and education. The faculty - which has 1,500 students - offers four bachelor's and eight master's programmes in the field of forest and environmental sciences. There are also 250 PhD students.

The MSc European Forestry students can choose studies from all tracks (International Forestry, Forest Ecology Research and Forstwirtschaft) within the MSc Forest Sciences

programme. Students can choose from a wide range of courses (e.g. Plantation forestry, Carbon forestry, Forest Growth and Structure, Close-to-Nature Forest Management etc.) thus have freedom over their specialization. Courses generally yield 5 ECTS credits each and take place regularly during the semester or in form of blocks before/after. A course usually comprises lectures, practicals, tutorials, preparation, reading, independent learning and assessment.

The Faculty has a strong network with other academic institutions within Europe and overseas, such as the EU-Canada programme Transatlantic Forestry Master's (Transfor-M) or the NFZforestnet, a cooperation between Nancy, Zürich and Freiburg.

For more information:

http://www.msc-forst.uni-freiburg.de,   http://www.uni-freiburg.de

http://www.iww.uni-freiburg.de/teaching/international-teaching-networks

University of Lleida, SPAIN

The University of Lleida is a public institution with approximately 9,650 students and 750 faculty members. The +100 highly competitive research groups receive resources both from national research financing agencies and from the European Union. The UdL has long been involved with other universities and institutions through international networks (ASEFOREP, NATURA, SILVA, ICA, IROICA, ECHAE) and in the framework of international EU student and teaching staff mobility programmes (ERASMUS). Looking to the future, the UdL accepts the challenging task of training competent open-minded citizens who are sensitive to other cultures and to the peculiarities that these cultures involve.

The UdL is made up of seven faculties and schools, including the Higher Technical School of Agrarian Engineering (ETSEA). The ETSEA is a Spanish leader for teaching and research in the Agronomy, Food Technology and Forestry areas and regarding the last is specialised in Mediterranean forest science, forest protection, conservation, and non-wood forest products. Forest Science studies are taught in the ETSEA campus, where a complete infrastructure for

study and personal work is provided (libraries, study and computer rooms open all day, laboratories, greenhouses, practice fields, virtual campus and access to teaching resources for the courses). All courses and programmes are designed according to the European Higher Education Area (EHEA) project, and many courses in English are available for the MSc EF students.

For more information:
http://www.europeanforestry.udl.cat/en/index.html

BOKU University (BOKU), AUSTRIA

The BOKU University (earlier known as University of Natural Resources and Life Sciences, Vienna), comprises 15 departments including the Department of Forest and Soil Sciences and four service centres in Vienna. The university has approximately 12,000 students (of which 20 per cent are international), provides courses at the bachelor's, master's and doctoral levels. In research activities 2100 scientists are involved, whereas 219 are full professors and associate professors and more than 986 researchers are employed on a project basis.

The university sees itself as a teaching and research institution that focuses on renewable resources that are a prerequisite for human existence. The relationships between man, society and the environment form the basis of all activities, and its foremost aim is to make decisive contributions to securing the well-being of future generations. In this endeavour, it will seek ways of ensuring a sustainable and environmentally sound management of natural resources by allying the competences of the natural, engineering, economic and social sciences. BOKU offers 27 national and international master's programmes and is attracting students around the world. Altogether, BOKU offers 48 master's courses in the field of forest sciences which are entirely taught in English and is actively involved in a wide range of international educational projects (EM, EM ECW, TEMPUS…).

For more information:

http://www.boku.ac.at,

http://www.boku.ac.at/en/universitaet-fuer-bodenkultur-wien-boku/studieren-an-der-boku/themen-fuer-studierende/internationales/international-students-coming-to-boku/

Transilvania University of Braşov, ROMANIA

Founded in 1948, Transilvania University of Braşov is one of the largest universities in the country and the best reputed higher education institution in the central region of Romania. It has 18 faculties, over 19,200 students and more than 1,250 permanent staff members. The faculties offer academic degree programmes in a wide range of fields (from different engineering and science domains to economic and social sciences, humanistic sciences, medicine and music).

The forestry section was established in 1948. At present there are three BSc programmes of study (Forest management, Forest engineering and Wildlife management) and two MSc degree programmes (Forest ecosystem management and Technical systems and management in forest engineering). A new master's degree programme in English will be launched in autumn 2017. The faculty of forestry is involved in basic and applied research and has strong partnerships with forest administrations, harvesting and primary wood processing companies.

For more information:

http://www.unitbv.ro/en/Home.aspx

http://www.unitbv.ro/silvicen/AboutFaculty.aspx

DESCRIPTIONS OF THE ASSOCIATED PARTNER UNIVERSITIES

Federal University of Paraná, BRAZIL

Federal University of Paraná (UFPR) was established in 1912. Currently UFPR has 101 undergraduate and 90 postgraduate courses in almost all areas of knowledge. The university enrolment is around 30,000 students, with 2,200 faculty members. UFPR is a public university with eight campuses in the city of Curitiba and other municipalities of the State of Paraná. Currently the University has close cooperative relations with about 110 universities of different countries. The internationalisation plan takes on the account policy to integrate the university into the various existing international research networks as well as establishes and strengthens international research network in interdisciplinary research areas, where there are substantial needs from the viewpoint of human society in a globalised world. Forest engineering course offered by UFPR is a hybrid of engineering, forestry, and management. Forest engineers are unique professionals who can combine skills to produce ecosystems services (supporting, provisioning, regulating and cultural), with a focus on the forested landscape.

For more information:

http://www.ufpr.br/portalufpr

Luiz de Queiroz College of Agriculture, University of São Paulo, BRAZIL

The Luiz de Queiroz College of Agriculture (USP/ESALQ), located in Piracicaba, São Paulo, is one of the 42 academic units of the University of São Paulo (USP). This college, which is made up of 250 faculty members, offers seven undergraduate programmes and 13 graduate programmes, in addition to one international, one inter-institutional and two inter-unit programs. It contributes to undergraduate and graduate areas of agricultural, applied social and environmental sciences. Forest Sciences Department develops activities in the areas of forestry; forest management; applied ecology and technology of forest products, in order to assess, plan and manage a sustainable use and conservation of forest resources, taking into

account environmental, social and economical aspects. It is responsible for the undergraduate and postgraduate programmes in forest resources, and provides undergraduate disciplines for Agriculture, Environmental Management and Biological Sciences courses.

The research projects are developed in partnership with the main Brazilian private forest companies and in its own two experimental stations with 2,910 ha (Itatinga and Anhembi Forest Research Stations).

For more information:
http://www.en.esalq.usp.br

Northwest A&F University, CHINA

Northwest A&F University (NWUAF), located in Yangling, Shaanxi Province, the birthplace of Chinese agricultural civilisation, is a key national comprehensive university directly under the administration of the Ministry of Education. As one of the leading universities in China, NWUAF is supported by the Ministry of Education's Project 985 and Project 211 and is characterised by its integration of education, research and social services. Currently there are 2,452 full time teachers among 4,554 staff members. A complete range of study programmes is now available for undergraduates, master's, Ph.D. and post-doctoral studies. There are currently over 20,900 full-time undergraduate students, 11,500 postgraduates (9,030 masters and 2,470 doctoral students) and over 6,000 adult education students. The university has the authorization to admit international students funded by Chinese government scholarship and the scholarship from APFnet (The Asia-Pacific Network for Sustainable Forest Management and Rehabilitation).

The College of Forestry was reformed on the basis of the amalgamation of former separate institutes and offers for students four undergraduate programmes: forestry, forest protection, chemical engineering of forest product, wood sciences and engineering; eight master's programmes, namely, ecology, silviculture, forest protection, tree genetics and

breeding, forest management, protection and utilisation of wild animals and plants, chemical engineering of forest products, and wood sciences and technology and similar Ph.D programmes offered except chemical engineering of forest products, and wood sciences and technology. There are 187 teaching and research staff currently, alongside with 10 sci-tech innovation platforms through ministerial or provincial level support, 10 experimental stations (bases) and 2 nurseries for experiments and teaching.

For more information:

http://en.nwsuaf.edu.cn/

University of British Columbia, CANADA

The University of British Columbia is a global centre for research and teaching, consistently ranked among the 40 best universities in the world. Since 1915, UBC's West Coast spirit has embraced innovation and challenged the status quo. Its entrepreneurial perspective encourages students, staff and faculty to challenge convention, lead discovery and explore new ways of learning.

UBC's forest education is keeping pace with changing social values and an increasingly knowledge-based forest sector. The Faculty of Forestry offers both master's and doctoral programmes in which our graduate students learn from a dynamic and diverse group of researchers who educate and communicate how forests and the products that are created from them contribute to the well-being of all living things. The health and sustainability of forests underlies everything we do.

UBC is among the best institutions globally in forest-related education and research, and is also unique in the breadth of expertise it possess, which allows it to integrate new knowledge across many disciplines. UBC's mandate is the advanced training of tomorrow's scientists and leaders.

For more information:

http://www.forestry.ubc.ca/

http://www.grad.ubc.ca/prospective-students/faculties/faculty-forestry

University of New Brunswick, CANADA

Founded in 1785, UNB offers undergraduate and graduate degrees in more than 60 disciplines and continuing education in a variety of fields.

Campuses are located in two New Brunswick cities: Fredericton and Saint John. Fredericton, the provincial capital, was named one of the Top 7 Intelligent Communities by the New York-based Intelligent Communities Forum. Saint John, New Brunswick's financial and industrial centre, is emerging as an energy hub for the Eastern Seaboard.

UNB has among the best student-to-faculty ratios of Canada's comprehensive universities, according to Maclean's magazine. It offers world-class programmes while maintaining a small-university experience.

The Faculty of Forestry & Environmental Management offers two undergraduate degree options. The Bachelor of Science in Forestry (BScF) degree allows for an Urban Forestry Major, and the Bachelor of Science in Environment & Natural Resource (BScENR) degree allows for a major in environmental management, water resource management, or wildlife conservation. It also offers course-based Masters of Environmental Management (MEM) and of Forestry (MF), a thesis-based Master of Science in Forestry (MSc.F), a thesis-based Master of Science in Environmental Management (M.Sc.EM), and a Ph.D.

For more information:

http://www.unb.ca/

http://www.unb.ca/fredericton/forestry/

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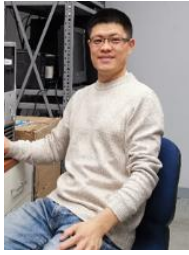
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STUDIES

DEGREES AWARDED

Each student is awarded, upon completion of the MSc programme, a double- degree certificate and diploma supplements by two of the MSc EF Full Partner Universities: the two degree-awarding universities are the University of Eastern Finland, and the MSc EF Full Partner University where the student carries out the second year of studies.

MSc EF degrees awarded by the Full Partners

University	Degree
University of Eastern Finland **(the coordinating institution)**	MSc (Agriculture and Forestry) with major in European Forestry
University of Lleida, Spain	Master of Science Erasmus Mundus in Spatial and Ecological Modelling in European Forestry (might not be available in 2025–2027)
University of Freiburg, Germany	MSc Forest Sciences
University of Natural Resources and Life Sciences, Vienna, Austria	MSc European Forestry
AgroParisTech, France	Master in Agrosciences, Environment, Territories, Landscape, Forest, specialisation "Forests and their environment (FEN)"
Transilvania University of Braşov	Master of Science in European Forestry

PROGRAMME STRUCTURE, GRADING AND RPL

Programme structure

The MSc EF programme consists of studies provided at the different partner universities. The structure of the programme is designed so that the students deepen their understanding in the diverse aspects of forest sciences with regard to selected study tracks of decision support systems for resource management, resource management for ecosystem services, spatial and ecological modelling, resource economics and policy and silviculture and engineering.

The **first year** provides students with a complete background in European forestry while familiarising them with the consortium universities and with other forest organisations. During the first year of the programme, students attend most of the compulsory courses of the MSc EF, which are mostly organised at UEF. Additionally, during the first year, students are required to carry out the applied period (practical training) at a forest institution.

During the **second year**, students specialise in their fields of interest by taking obligatory and elective courses and carrying out the master's thesis at one of the partner universities (not possible at UEF) according to an individual study plan agreed upon by the study advisors. For the second year, each partner university (not UEF) offers an equal number of study places aiming at even student distribution among the partner universities. Although, students' preferences for their second-year host university are taken into account, the coordinators of the consortium will make the final student selection among the consortium universities (self-paying students may choose their second-year university freely taking into account the possible restrictions mentioned in the letter of admission). Also, there might be restrictions or additional supplementary studies required for some students.

The workload of each course is calculated according to the ECTS (European Credit Transfer and Accumulation System), which is the pan-European credit system. Generally one ECTS credit corresponds to 27 hours of student's work. Find out more about ECTS at http://ec.europa.eu/education/index_en.htm

MSc EF programme structure

1. YEAR 60 ECTS	Academic year 2025/2026: Obligatory and elective studies	Credits (ECTS)	Location
Aug-Apr	**Module 1** Trends in European forestry Academic skills in forest sciences Research methodology in forest sciences Global virtual seminar	5 1.5 3.5 3	Joensuu, Finland
May-July	**Module 2** European forestry field course Applied period in forest institutions	8 9	Spain, France, Germany, Austria and Romania Preferred Consortium country

Sep-Apr	**Elective courses**	30	Joensuu, Finland + online courses
2. YEAR 60 ECTS	**Academic year 2026/2027: Obligatory and elective studies, Master thesis**	**Credits (ECTS)**	**Location**
Autumn & spring semester	**Module 3** Obligatory and elective courses Master's thesis and thesis seminar (online) Graduation ceremony	30 30 0	MSc EF partner university according to the student's individual study track (not UEF or UdL) To be decided in spring 2027

Grading

Grading of courses in MSc EF follows two basic practices: 1) Pass or Fail, or 2) a numerical scale with grading systems of the participating universities (see the grade conversion table below) for passed courses. The performance of each student is compared to the goals of the course. If you wish to discuss the principles of the assessment, please do so at the very beginning of the course. The first course meeting with the teacher is the right place to ask these questions.

The studies completed are saved in the Peppi system of the University of Eastern Finland and in the corresponding system of the second-year host university. A transcript of Academic Records is the document listing all the courses the student has completed. Please note that failed or other non-completed courses are not shown in the UEF transcript. Student can use Peppi for checking the completed courses and to order transcripts and study certificates.

Grading at the Full Partner Universities

ECTS	AgroParisTech	UFR	BOKU	UdL	UNITBV	UEF
A	≥16	1.0-1.6	1	9-10	10	5 (excellent; 90-100% correct)
B	≥14<16	1.7-2.6	2	8-8.9	9	4 (very good; 80-89% correct)
C	≥12<14	2.7-3.6	3	7-7.9	7-8	3 (good; 70-79% correct)
D	≥11<12	3.7-3.9	4	6-6.9	6	2 (satisfactory; 60-69% correct)

E	≥10<11	4.0	4	5-5.9	5	1 (sufficient; 50-59% correct)
FX	<10	5	5	4-4.9	4	0 (fail; <49% correct)
F	<10	5	5	0-3.9	1-3	0 (fail; <49% correct)

Recognition of prior learning (RPL)

In case students have completed studies in some other higher education institution(s) before their MSc EF studies and in case those studies are not included in their previous degree(s), students can apply for substitution of studies on the basis of prior studies. Similarly, in case students have non-formal prior-learning, students can also apply for substitution of studies. However, for EMJMD scholarship holders there are some restrictions. Students can discuss about the possible substitution of studies with the study advisors of their first- and second-year host university when drafting their personal study plans. For more information: https://kamu.uef.fi/en/student-book/recognition-of-prior-learning/

STUDY SCHEDULE 2025–2027

First Academic Year (2025/2026), 60 ECTS
Autumn semester

Aug — 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
- 06–08: Intro
- 11–31: Trends in European Forestry

Sep — 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
- 01–03: UEF orientation
- 04–30: Module 1 and elective courses*

Oct — 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
- 01–31: Module 1 and elective courses*

Nov — 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30
- 01–30: Module 1 and elective courses*

Dec — 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31
- 01–12: Module 1 and elective courses*
- 13–31: Christmas holiday

Spring semester

Jan	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
							Module 1 and elective courses*																								
Feb	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28			
								Module 1 and elective courses*																						
March	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
								Module 1 and elective courses*																						
Apr	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
	Module 1 and elective courses*														Easter holiday																
May	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
	Module 2: European Forestry field course (8 ECTS)																														
June	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
	Module 2: Applied period (9 ECTS)																														
July	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
	Module 2: Applied period (9 ECTS)																														

*Elective courses: During the period September-April, students must complete a min. of 30 ECTS in elective courses (the list of courses is provided separately on p. 32-33).

Second Academic Year (2026/2027), 60 ECTS
Autumn semester

Aug	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
	Applied period (if agreed by the student and supervisor)																														
Sep	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
	Module 3*																														
Oct	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
	Module 3*																														
Nov	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
	Module 3*																														
Dec	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
	Module 3*																					Christmas holiday*									

Spring semester

Jan	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
						Module 3																									

Feb	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28			
	Module 3																														

March	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
	Module 3																														

Apr	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
	Easter holiday*								Module 3																					

May	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
	Module 3																														

June	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
	Module 3																														

July	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
	Module 3																														

Aug/ Sep	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
	Graduation ceremony*																														

*Starting dates vary from the end of August to middle of October, depending on the partner university. Also the timing of the holiday seasons and graduation times may vary depending on the partner university. The exact date and location for the Graduation ceremony will be announced in spring 2027.

COURSE LIST 2025–2027

Modules	ECTS
Module 1	**13**
LM00CO25 Trends in European Forestry	5
LM00CO20 Academic Skills in Forest Sciences	1.5
LM00CO21 Research Methodology in Forest Sciences	3.5
LM00CO28 Global Virtual Seminar	3
Elective courses	**30**
Autumn semester	
LM00EF46 Forest inventory and modeling	7
LM00CO04 Forest policy analysis	6
LM00CO09 Forest work science	6
LM00CO03 Futures analysis of forest bioeconomy	4
8020270 Information skills and sources in science and forestry for international students	1
LM00CN16 Intensive forest management	3
LM00CO14 Supply and energy use of lignocellulosic biomass	6
8031003 University study skills	1

Spring semester

LM00EN05 Advanced remote sensing	6
LM00CO00 Applied geoinformatics 2	5
LM00CO15 Bioenergy markets and policies	6
LM00EF85 Carbon and nutrient dynamics of forest soils, lectures and literature	5
LM00EF87 Carbon and nutrient dynamics of forest soils, practicals	2
LM00CO17 Data-driven qualitative methodologies for forest scientists and foresters	5
LM00CO33 Economics of multiple-use forestry	3
LM00DP27 Forest zoology, lectures	4
LM00DP28 Forest zoology, exercises	2
LM00EI46 International forest governance and environmental policy	5
LM00EF63 Restoration ecology	5
LM00EF78 Urban and community forestry	5

All year

LM00CN49 European forest bioeconomy	5
LM00EF69 Implementing forest planning calculations	3

Module 2	**17**
LM00CO24 European forestry field course	8
LM00CO27 Applied period in forest institutions	9

Module 3	**60**
Advanced Courses	30
Master's Thesis	30
MSc European forestry thesis seminar	0
Graduation ceremony	0
min.	**120**

COURSE DESCRIPTIONS

Module 1

LM00CO25 Trends in European forestry (5 ECTS)

Learning outcomes

Upon successful completion of this course the students should be able to describe the essential features regarding history of forests and land use in Europe; account for the basic conditions for forestry as well as the present state of the forests and forestry in different parts of Europe; identify various production goals that can be found in European forestry, contrast them with objectives regarding, for example, environmental conservation, and discuss ways to handle possible conflicts, and critically discuss how trends in society and environment (climate) affect European forests and forestry, the ecosystems, the carbon accounting, the use of forests, as well as the forest industries and their markets.

Content

Forestry in different parts of Europe, the various objectives within forestry, as well as the trends affecting forest ecosystems, forestry, forest production, forest conservation and forest industry, special topics within forest management and forest policy. Group works and open thematic panel discussions are used to train multidisciplinary argumentation.

Modes of study

Lectures (approx. 70 h), project and group work (approx. 10 h), panel discussions (approx. 10 h), excursions (approx. 10 h) and self-studies (approx. 20 h).

Study materials

Will be distributed during the course.

Evaluation criteria

Evaluation (0-5) is based on learning diary (40%) and on project and group works, panel discussions and other assignments (60%).

Person in charge

Timo Tokola. Teachers from different MSc EF Consortium universities.

Note

In case in the autumn 2025, there will be less than 10 students, the study mode of the course might be changed partly or completely to online mode.

LM00CO20 Academic skills in forest sciences (1.5 ECTS)

Learning outcomes

Upon successful completion of this course the students will be able to effectively communicate scientific knowledge when interacting with different audiences, using a variety of communication tools, including both traditional and ICT-based tools (e.g. blogs); the result will be a solid ground for writing their thesis and/or academic publications, as well as for presenting scientific findings orally.

The course develops the following generic skills: critical thinking, interaction and communication, identification and development of expertise, ethics, leadership and development

Content

Academic skills and competencies related to oral presentations (using Power Point, Prezi, posters, etc.) and other forms of communication (academic writing, using ICT-based tools), as well as for writing the MSc thesis.

Modes of study

Lectures and interactive sessions on communication and presentation techniques (20 h); Practicals - individual oral presentation, and group work on other communication methods (wiki, blog, or others). The themes of the practicals' will be selected from recent literature on European forestry, forest ecology, forest economy, forest policy or other relevant forestry fields (20 h).

Study materials

Lebrun, J.L (2011). Scientific Writing 2.0. World Scientific Publishing Course notes and selected online materials: https://sites.uef.fi/biopro

Evaluation criteria

0-5 Assignments 100%.

Person in charge

Blas Mola

LM00CO21 Research methodology in forest sciences (3.5 ECTS)

Learning outcomes

Upon a successful completion of this course, the students are expected to be able to understand the principles of research methodology in forestry, taking into account the research issues and objective formulation as well as choosing an appropriate research approach, experimental set-up, and sampling technique. The students will be able to understand basic biometric and ecosystem modeling concepts, and to apply basic commands of R statistics to model and analyse the collected data. In addition, the students will be able to critically evaluate accuracy, error types, and reproducibility of research results. Finally, they will understand the basic concepts in Geographic Information Systems and remote sensing techniques, will use basic GIS software to solve spatial problems, and will develop their potential for forestry-related research.

The course develops the following generic skills: critical thinking, digitalization, interaction and communication, identification and development of expertise, ethics, leadership and development.

Content

Applied statistics, research methodology, biometric and ecosystem modeling concepts, R statistics, GIS and remote sensing techniques.

Modes of study

Lectures on research, data analysis, statistical concepts and methods (28 h), practical exercises with R statistics and GIS software (14 h). Modeling group work and learning diary.

Study materials

Hamilton, L.C. (1992) Regression with Graphics, A second course in applied statistics. Duxbury Press. Wonnacott, R. & Wonnacott, T., (1985) Introductory Statistics, 4th edition, John Wiley and Sons. Course notes and selected online materials: https://sites.uef.fi/biopro

Evaluation criteria

0-5 Assignments (30%) and final examination (70%).

Person in charge

Blas Mola

LM00CO28 Global virtual seminar (3 ECTS)

Learning outcomes

Upon successful completion of this course the students should be able to have a global view about the sustainable development goals (SDGs) with a special focus on the chosen topic. Students will familiarize themselves with the chosen topic by interviewing experts and by critically examining recent scientific literature on the chosen topic. The topics will vary between the years, and will focus on, e.g. different elements of the SDGs in different countries. The final virtual seminar will provide students an in-depth view on differences and similarities between countries on the chosen topic. Long period group work will improve project and time management skills in multicultural teams.

The course develops the following generic skills: internationality, sustainability and responsibility, critical thinking, identification and development of expertise, interaction and communication.

Content

The course consists of three elements: (1) The introductory lectures will introduce the study methods and the available topics. (2) Each group will prepare a proposal how to investigate the topic. All students prepare an individual presentation (10 min) based on the findings from interviews and literature. (3) Each group will firstly present the preliminary findings to all other students and supervisors internally and secondly prepare a final presentation (20 min) about the chosen topic for the final virtual seminars that ends the course. Course is implemented during long time frame and groups need adjust and plan their time consumption independently.

Modes of study

Introductory lectures (approx. 4 h), interviews and group work (approx. 20 h), seminar (approx. 4 h) and self-studies (approx. 20 h).

Study materials

Will be distributed during the course.

Evaluation criteria

The evaluation (0-5) will be as follows: 40% (individual presentation) and 60% (group presentation). Contents: sound concept for investigating topic (20%), critical evaluation of the national achievements regarding the SDGs (20%), comprehensive comparison between the

countries (20%); Presentation: style and layout of the presentation (20%), use of ICT and skills in presenting (20%).

Person in charge

Timo Tokola. Teachers from different MSc EF Consortium universities.

Elective courses

In the below tables, the elective courses are listed according to the study tracks which are as follows:

Track 1: Decision support systems for resource management

Track 2: Resource management for ecosystem services

Track 3: Spatial and ecological modelling

Track 4: Resource economics and policy

Track 5: Silviculture and forest engineering

Track+: Global perspective

The main learning outcomes of the different study tracks

Study tracks	After completing the core courses of the study track in question, students:
Track 1 Decision support systems for resource management	1 a. know how to establish and to use forest resource information services; 1 b. have advanced knowledge about different forest governance and decision support systems; 1 c. are able to compare various utilities used in forest resource management; 1 d. have advanced knowledge of forest planning practices and operations used for resource management.
Track 2 Resource management for ecosystem services	2 a. have advanced knowledge of current theories and practices used in resource management; 2 b. are able to understand how to manage different resources for ecosystem services; 2 c. are able to model ecological and social processes used for ecosystem services; 2 d. have advanced knowledge on carbon dynamics and possibilities for management of carbon cycle in forest ecosystems.
Track 3 Spatial and ecological modelling	3 a. understand the theory behind the analyses related to spatial and ecological modelling; 3 b. have obtained the ability to routinely use complex spatial analyses and ecological models e.g. for natural hazard and risk management; 3 c. understand different aspects related to spatial data management used in forestry; 3 d. have advanced knowledge of major concepts and approaches for spatial and ecological modelling; 3 e. know a variety of applications used in spatial and ecological modelling.

Track 4 Resource economics and policy	4 a. are able to understand advanced economics of multiple-use forestry; 4 b. have the ability to use monetary and multi-criteria methods for evaluating forest management options; 4 c. have gained advanced knowledge of applied forest bioeconomy and new biomaterials; 4 d. have a good overview of the forest governance and environmental policy aspects in Europe.
Track 5 Silviculture and forest engineering	5 a. have become familiar with biological processes in forest ecosystems; 5 b. have advanced knowledge of silviculture and forest management practices in different parts of Europe; 5 c. are able to understand how the management and use of forests affect different ecosystem services; 5 d. are able to analyse different forest ecosystem management concepts.
Track + Global perspective (a standard track 1, 2, 3 or 4 in Europe + additional studies with Associated Partner HEIs	6 a. have advanced knowledge of differences in global forest ecosystems; 6 b. have become familiar with various forestry practices and operations used in different climatic zones outside Europe; 6 c. are able to identify various production goals that can be found in global forestry; 6 d. have gained knowledge of current trends in global forest governance and environmental policy.

Elective core courses for different study tracks 2025–2026

(Descriptions for the elective courses below can be found in Peppi)

Name of Course	ECTS	TA 1	TA 2	TA 3	TA 4	TA 5
Autumn						
Forest inventory and modeling	7	xx				
Forest policy analysis	6	x	x			xx
Forest work science	6	x				
Futures analysis of forest bioeconomy	4	x	xx			x
Information skills and sources in science and forestry for international students	1	x	x	x	x	x
Intensive forest management	3		x	x	xx	
Supply and energy use of lignocellulosic biomass	6				x	
University study skills	1	x	x	x	x	x
Spring						
Applied remote sensing	6	xx				
Applied geoinformatics 2	5	xx				
Carbon and nutrient dynamics of forest soils, lectures and literature	5			xx	xx	
Carbon and nutrient dynamics of forest soils, practicals	2			xx	xx	
Bioenergy markets and policies	6				x	xx
International forest governance and environmental policy	5		x			xx

		Track 1	Track 2	Track 3	Track 4	Track 5
Data-driven qualitative methodologies for forest scientists and foresters	5	x				
Forest zoology, lectures	4			xx	xx	
Forest zoology, exercises	2			xx	xx	
Economics of multiple-use forestry	3		xx	x		xx
Innovation management in forest industries	4		xx			x
Restoration ecology	5			xx	xx	
Urban and community forestry	5				x	xx
All year						
European forest bioeconomy	5		xx			xx
Implementing forest planning calculations	3	XX				

* Track 1: Decision support systems for resource management, Track 2: Resource management for ecosystem services, Track 3: Spatial and ecological modelling, Track 4: Resource economics and policy and Track 5: Silviculture and forest engineering.

Other courses*

Orientation for international students (1 ECTS) (highly recommended)

University computing skills (2 ECTS)) (recommended for those with limited computing skills)

Finnish 1A (2 ECTS) (highly recommended)

Courses in career planning and job seeking (see more at

https://kamu.uef.fi/en/tietopankki/career-planning-and-job-advisory/career-planning/

*These courses are not counted as ECTS of elective courses, however.

Module 2

LM00CO24 European forestry field course (8 ECTS)

Learning outcomes

Upon successful completion of this course students are able to have deep understanding of contemporary forest management in different regions of Europe. In addition, they are able to comprehend the influence of historical, cultural and geographical factors in European forestry.

Content

An intensive field course where the students will familiarize themselves with topical forestry issues in European countries (Austria, France, Germany, Romania and Spain).

Modes of study

Intensive field course including forest and cultural visits, lectures, seminars and presentations. The students are required to carry out group works, discuss given topics and to prepare individual reports.

Study materials

Will be distributed during the course.

Evaluation criteria

0-5. Grading is based on the given assignments of the teachers in the MSc EF Consortium universities.

Responsible person

Timo Tokola. Teachers from different MSc EF Consortium universities.

Time

May 2026 (In May 2026 there might be some modifications and the course can be organised totally or partly online in case the number of participants is low).

LM00CO27 Applied period in forest institutions (9 ECTS)

Learning outcomes

Upon successful completion of this course students are able to know through working as a part of a team how the organisation is operating in European and in international levels; apply their skills and knowledge in practice; have knowledge and understanding of European and international business culture and values, team work practices as well as project management and how a research project starts and how it is managed, funded and reported.

Content

The course consists of a work assignment in a national or international forestry-related institution. The course is project oriented, and the topic of the work assignment is agreed upon in cooperation with the hosting organisation, the supervisor and the student. The course is supervised by a lecturer from one of the MSc European Forestry partner universities. An essential part of the course is a final report that the students write on the basis of the training period.

Modes of study

Participating in a project, final report on the findings during the course and a seminar presentation based on the report.

Study materials

Will be distributed during the course.

Evaluation criteria

0-5. Grading is based on the written report (40%), oral presentation (30%) and general performance during the internship based on supervisor's evaluation (30%).

Responsible person

Timo Tokola. Supervisors from different MSc EF Consortium universities.

Time

June–July (August) 2026

Module 3

For the second academic year of studies at the MSc EF, the coordinators of the consortium universities will distribute the students equally among the second- year study tracks available. The preferences of the students are taken into account as much as possible.

The offered study tracks for the second academic year are:

- Full academic year at AgroParisTech (France)
- Full academic year at UFR (Germany)
- Full academic year at BOKU (Austria)
- Full academic year at Udl (Spain) (not confirmed)
- Full academic year at UNITBV (Romania)

Each university offers an equal number of study places to the students. The individual study tracks are discussed and decided during the spring of the first academic year (approx. February–March).

The details on the second-year studies are agreed individually with the coordinator at the partner university to form an interesting and relevant study plan for the student, fitting the topic of the thesis and providing the required skills and competences.

Selected elective core courses for different study tracks are listed below. Also, other courses available at the second-year home university can be included in the study plan, if agreed upon by the local coordinator of the second-year home university. The descriptions of the courses below as well as of the other courses that can be selected can be found on the web pages of each Full Partner University.

A preliminary list of selected elective core courses for different study tracks

Code	Name of Course	ECTS	Track 1	Track 2	Track 3	Track 4	Track 5
AgroParisTech - Course descriptions available at **http://www2.agroparistech.fr/Forests-and-their-environment-FEN.html**							
9.14	Models in forest management	3	xx	xx	xx	xx	xx
9.15	Understanding tree structure and functions	3	x	x	xx	x	xx
9.16	Advanced statistics (optional)	3	xx	xx	xx	xx	xx
9.17	Geographical information systems in forest ecology	3	xx	xx	xx	x	xx
9.18	Biogeochemical cycles in forest ecosystems	3	x	x	xx	x	xx
9.19 A	Forest and forestry in the context of global ecosystem in France and Germany	3	xx	xx	x	xx	xx
9.19 B	Dynamics of forest plant and tree communities	6	x	x	xx	x	xx
9.20	European forests: challenges and opportunities	3	xx	xx	x	xx	x
9.21	Introduction to the forestry context in Lorraine	3	xx	x	x	x	xx
8.10	Carbon accounting in forest ecosystems (optional)	3	xx	x	x	xx	xx
9.01	Project in forest sciences or engineering	6	xx	xx	xx	xx	xx
UFR - Course descriptions and timetables available at **https://www.msc-forst.uni-freiburg.de/en/information-for-current-students**							
22301/54200	Carbon forestry (Wi=winter)	5	xx	xx	x	xx	x
54190 22305/54190	Close-to-nature forest management (So = summer))	5	xx	xx	x	xx	xx

64084– 20 TN	Economics of Biodiversity and Ecosystem Services (Wi)	5	x	xx	x	x	x
22306/94265	Ecosystem management (So)	5	x	xx	x	x	x
13004 In 24/25: Feb-March	Insect-Microbe Interaction	5					xx
22302/42255	Forestry economics and management (Wi)	5	xx	x	x	xx	x
22102/22303	Forest inventory and information systems (Wi)	5	x	xx	xx	x	x
64030-20 TN Block vor dem Semester (Ende Sep- Okt)	Forest resources and management in France and Germany (Wi)	5	x	x	x	x	x
22307/54170	Integrated land use management (So)	5	xx	xx		x	x
22308/54180	International forest governance (So)	5	x	x		xx	
64041 –16 TN	Laboratory Course in Dendroecology (Wi)	5	x	xx	x		x
13006 – 20TN	Natural Hazards	5					
22304/54130	Plantation forestry (Wi)	5	x	xx		xx	xx
64107-15 TN *Before Semester (Sep-Oct)	Root ecology (Wi)	5	x	x	x		xx
64096- 25 TN	Tropical forest ecology (Wi)	5	x	xx		x	x
22209	Forest Growth and Structure (Wi 2024/2025)	5	x	xx	xx		xx
21102	Forests and Global Change	5	x	x	x	x	x
21101	Applied Environmental Statistics	5	x	x	x	x	x
21103	Forest Sciences: Professional and Research approaches	5	x	x	x	x	x
22310/94360	Forests and rural development	5		x		xx	
22309	Forest legality and sustainability regulation	5		x		x	
22203	Forest Soils and Climate Change	5	x	xx			x
22204	Genetic and genomic methods in forest management and conservation	5		xx			
12202/12302/12	Ecosystem Functioning	5		x	xx		

401/22202							
12505/22205	Experimental Ecology	5			xx		
22208	Tree and Forest Ecophysiology	5			xx		
22206	Forest Entomology	5			xx		
22207	Forest Pathology	5			xx		
22210	Frontiers in Forest Sciences	5	x	x	x	x	x
64129 – 20 TN	Adapting Forests to Climate Change	5	x	x	x	x	x

BOKU - Course descriptions and timetables available at
https://online.boku.ac.at/BOKUonline/semesterplaene.semesterplan?csr_nr=174&csj_nr=1820&csum_flag=J&cbackto=T&corg=&csprache_nr=1&cstp_nr=3825

913324	Adapting forest management to climate change	2	x	x	x		x
912328	Agroforestry in mountain regions	2		xx		xx	x
169302 169303	Applied development research I, II	3+3		x	x	x	
912337	Biodiversity and conservation of mountain forests	2		x	x		
915320	Cable yarding project	1.5				x	x
913302	Decision support systems	3	xx		x		x
916323, 912332 915300	Field camp I, II, III	2+3+3	x	xx	xx	x	x
913327	Fire management in mountain forest ecosystems	2	x	x	x		x
914309	Forest inventory	3	xx	x			
733303	Forest resources economics	4.5	x	x		xx	
735333	Forest products, marketing and strategy	3		x		xx	
915301	Harvesting systems for mountainous regions	2		x		x	xx
732337	Innovations for sustainable forest management	4	x	x		xx	
913339	Modelling of mountain forest ecosystems	2.5	x	x	xx		x
732321	Mountain forest policy	4.5		x		xx	
913311	Multiple criteria decision making in natural resource management	3	xx	x		x	x
913338	Natural resource management in mountain forests I, III	4 + 2	x	xx		x	x

Code	Course	Credits	T1	T2	T3	T4	T5
871314	Protection and mitigation measures against natural hazards	3		x	xx		x
857321	Remote sensing and GIS in natural resource management VO / UE	3 + 3	xx	x	xx		
915302	Road network planning	3	x	x		x	xx
871373	The role of forests in mountain risk engineering	2		x		x	xx
UNITBV - Course descriptions and timetables available at https://www.unitbv.ro/en/prospective-students/academic-programmes/academic-programmes-in-foreign-languages.html							
BPMF	Business process management in forestry (elective)	6	xx	x		xx	xx
FBB	Forest based bio-economy (elective)	5	x	x		xx	xx
FMC	Forest management and chain of custody certification	6		x		x	xx
SSFM	Decision-support systems in forest ecosystem management (elective)	5	xx			x	xx
EPWB	Energy procurement from woody biomass(elective)	5	x			x	xx
LCAF	Life cycle assessment in forestry (elective)	6	x	x	x	x	xx
MRP	Management of research projects (elective)	5					x
SYFE	Silviculture and yield of forest ecosystems	4	x	x	x	xx	xx
SMFP	Strategy and marketing of forest products	4	x	x		xx	xx

* Track 1: Decision support systems for resource management, Track 2: Resource management for ecosystem services, Track 3: Spatial and ecological modelling, Track 4: Resource economics and policy and Track 5: Silviculture and forest engineering. The relevance of the courses for each study track (x=relevant, xx=very relevant).

LM00CO29 M.Sc. thesis (Agr & For, European forestry) (30 ECTS)

Organiser

Second-year home university

Time

Generally in the spring semester of the second academic year (2026/2027): Duration: ~6 months (estimated)

Contact person

The coordinators at the partner universities.

Study mode

Individual research in forestry. The general idea is to learn how to independently identify and carry out research in forestry. The goal is to produce such an internationally acceptable piece of research work with European or wider dimension included that can be published in an international scientific journal.

Contents

Detailed guidelines will be provided by the host university.

Further information

Thesis guidelines and the titles of the theses of the previous MSc EF students are available on the webpage of the programme: https://sites.uef.fi/europeanforestry/thesis/

LM00CO29 MSc European forestry thesis seminar (0 ECTS*)

Organiser

The University of Eastern Finland

Time

The time for the presentation will be arranged individually, after submission of the student's thesis (June – October 2027). However, students should participate in the open seminars whenever available starting from the spring semester of the first academic year. The minimum number of seminars to which students need to participate is 4 (excl. own seminar).

Study mode

A seminar consisting of the individual online presentation and discussion of each student's master's thesis in Elearn course site.

Further information: https://elearn.uef.fi/course/view.php?id=4942

Graduation Ceremony

You have the opportunity to participate in the graduation online/onsite. The location of the ceremony will be announced in spring 2027.

COUNCELLING

MSc European Forestry Secretariat will offer confidential informal and formal conflict resolution services to resolve students' possible problems and concerns related to MSc European Forestry studies. If the problems and concerns are related to the studies of the second academic year, students can also contact the local coordinator of the MSc EF Full Partner university in question.

The possible conflicts and problems that cannot be managed by the local coordinator or by MSc European Forestry Secretariat are dealt with at the MSc EF Consortium level and/or at the MSc EF Full Partner university in question according to the rules of the university in question.

ALUMNI

Our students graduate with an amazing network of alumni. During the studies, our students become acquainted with a number of academic experts throughout Europe. Additionally, each course itself is composed of various nationals hence facilitating the students to adapt to working in a multicultural environment.

European Forestry secretariat and the Erasmus Mundus programme aim to promote the professional and personal networking of its alumni. Students and graduates of the programme may join us in the MSc European Forestry Alumni group on Linked-In and also become a member of the Erasmus Mundus Students and Alumni Association (EMA) (http://www.em-a.eu) Students, alumni and staff are also active in MSc European Forestry Facebook group: http://www.facebook.com/europeanforestry/

Master of Science in European Forestry
(Erasmus Mundus Joint Master Degree programme)
is organised by

in cooperation with

and a number of Associated Industrial and Scientific Partners