



## MASTER`S DEGREE PROGRAMME IN EUROPEAN FORESTRY (MSc EF): 2018-2020

### Structure of the studies

The 120 ECTS study programme consists of the following three modules and elective courses:

Modules	ECTS	Time
<b>Module 1</b>	<b>12</b>	
3513157 Trends in European forestry	5	Autumn 2018
3513061 Academic skills in forest sciences	1.5	Autumn 2018
3513148 Research methodology in forest sciences	3.5	Autumn 2018
3513154 Global virtual seminar	2	Year 2018-2019
<b>Elective courses</b>	<b>min. 30 ECTS</b>	
3513144 Analysis of forest economics and policy	6	Autumn 2018
3513142 Basics of wood material science	4	Autumn 2018
3513019 Bioenergy markets and policies	6	Spring 2019
3513125B Carbon dynamics of forest soils (literature exam)	4	All year
3513150 Co-management of natural resources	5	Spring 2019
3513127 Current issues in forest conservation and biodiversity	3	Autumn 2018
3510011 Data-driven qualitative methodologies for forest scientists and foresters	5	Spring 2019
3513040 Economics of multiple-use forestry	3	Autumn 2018
3513170 Forest ecosystem modelling, concepts and applications	2-5	Autumn 2018
3513027 Forest information systems	5	Spring 2019
3513089 Forest inventory and modeling	8	Spring 2019
3513012 Forest pathology and forest microbiology	4-6	Spring 2019
3513055 Forest products mechanics	6	Autumn 2018
3513169 Forest soil hydrology	3-6	Spring 2019
3513165 Foresight methods and applications for the forest sector	5	Autumn 2018
3514017 Industrial forest biotechnology and biorefining	6	Spring 2019
8020270 Information skills and sources in science and forestry for international students	1	Autumn 2018
3513135 Innovation management	4	Spring 2019
3513174 Literature review in forest zoology and pathology	3	All year
3513124 Literature seminar of forest soil ecology and management	3	Spring 2019
3513058 Measurement, scaling and instrumentation	5	Spring 2019
3513130 Organic and biomass chemistry	6	Autumn 2018
3513147 Perspectives to bioeconomy	6	All year
3513065 Silvicultural management of forests for timber production and other ecosystem services	3	Autumn 2018
3513155 Spatial optimization and utilization of new data sources in forest planning	3	Spring 2019
3513045 Study tour to Russian forestry	2	Autumn 2018
3513159 Structure and properties of wood-based materials	5	Spring 2019
3513129 Supply and energy use of lignocellulosic biomass	6	Spring 2019
3513168 Timber transportation	3	All year
8031003 University study skills	1	Autumn 2018
<b>Module 2</b>	<b>18</b>	
3513073 European forestry field course	8	May 2019
3513158 Applied period in forest institutions	10	June-July 2019
<b>Module 3</b>	<b>60</b>	
Advanced Courses	30	Year 2019-2020

3513154 Master's Thesis	30	Year 2019-2020
3513075 MSc European forestry thesis seminar	0	Year 2019-2020
European forestry forum – Job fairs and graduation ceremony	0	August 2020

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**MSc (Agriculture and Forestry), major European Forestry** **120**

Module 1 and the listed elective courses are organised at the University of Eastern Finland. Module 2 is organised jointly by the MSc EF consortium universities and Module 3 (Advanced courses and Master's Thesis) by the second year host university chosen by the student in question. MSc European Forestry thesis seminar, European Forestry Forum and Graduation ceremony are organised at the University of Eastern Finland and partly online. The final overall grade of the MSc degree at UEF is counted as ECTS weighted mean of all above-mentioned courses. The thesis grade is not included in the final grade, but will be shown separately. Students' major subject is European Forestry.

**Note: The following courses are available ONLY for MSC European Forestry students:**

3513157 Trends in European forestry  
3513154 Global virtual seminar  
3513073 European forestry field course  
3513158 Applied period in forest institutions  
3513075 MSc European forestry thesis seminar  
European forestry forum – Job fairs and graduation ceremony

**All studies are advanced level MSc) studies.**