

Eesti Maaülikool
Institute of Forestry and Engineering

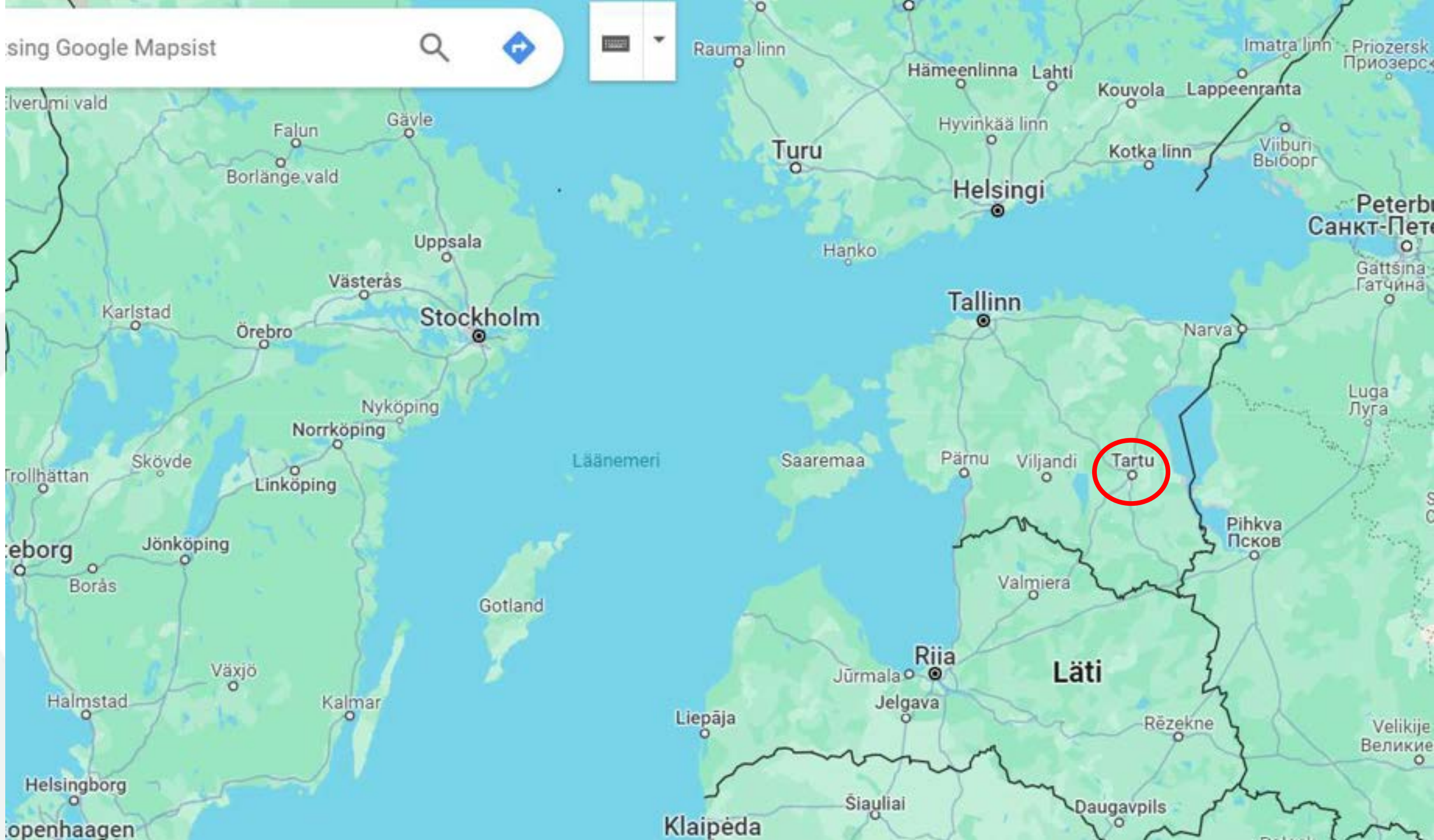
www.emu.ee



Studying in Estonia



erfonet.com



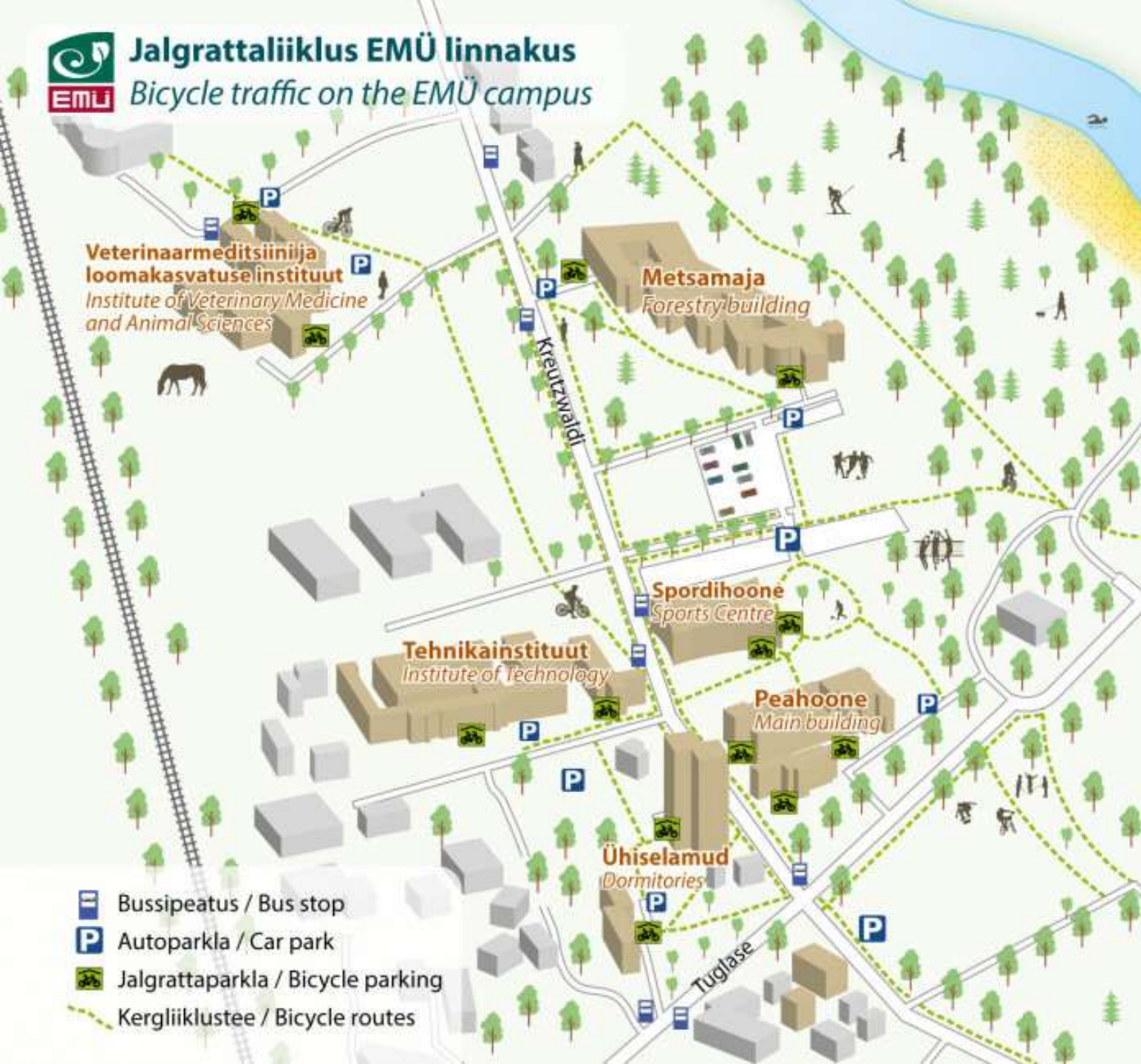






Jalgrattaliiklus EMÜ linnakus

Bicycle traffic on the EMÜ campus



Campus

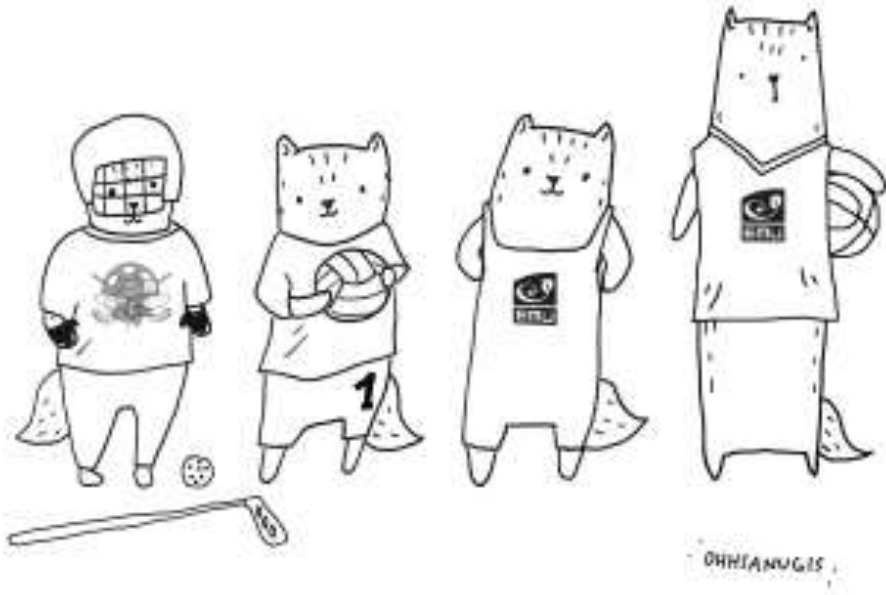
Dormitories

- Room Types and prices
- Rental contracts

<https://dorm.emu.ee/en/for-tenants/dormitory-torn-fr-r-kreutzwaldi-52/>

SPORTING POSSIBILITIES IN EMÜ SPORTS CLUB

HOBBY SPORTS



Hobby sport training groups are available in table tennis, floorball, basketball and wrestling.
Everybody is welcome to take part!

<https://sport.emu.ee/emu-sports-club-english/>

Facts and figures 2024

- | One of 6 public universities in Estonia
- | 4th in size among Estonian public universities
- | Students: 2,663, including 305 international degree students and 54 international exchange students
- | Approx 350 forestry students



Research bases



Lake Võrtsjärv Study and Experimental Centre



Centre for Limnology



Puhtu Field Base



Polli Horticultural Research Centre



Märja and Rõhu experimental farms



Järvselja Training and Experimental Forest Center



<https://smear.emu.ee/>

Institute of
Agricultural and
Environmental
Sciences



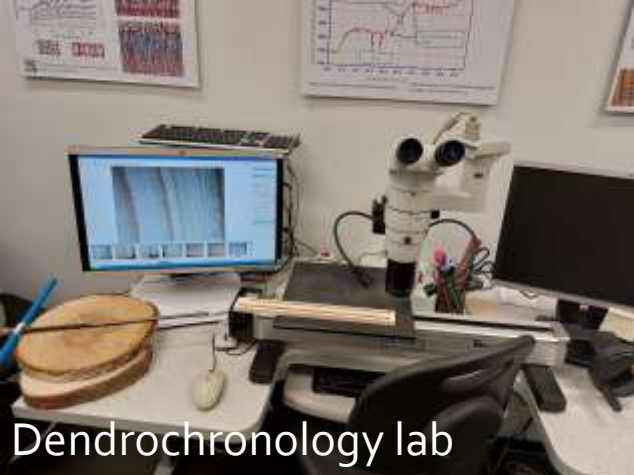
Institute of
Veterinary
Medicine and
Animal
Sciences



Institute of Forestry and Engineering

100 years **ACADEMIC
FORESTRY EDUCATION
IN ESTONIAN**





Dendrochronology lab



Fieldwork



Wood fuel lab

The Institute of Forestry and Engineering performs high-level modern teaching and R&D activities in the field of forestry and engineering

5 chairs:

- **Silviculture and Forest Ecology**
- **Forest and Land Management and Wood Processing Technologies**
- Rural Building and Water Management
- Biosystems Engineering
- Energy Application Engineering



Pine forest in Estonia

<https://mi.emu.ee/en>

Eesti Maaülikool

Chair of Silviculture and Forest Ecology



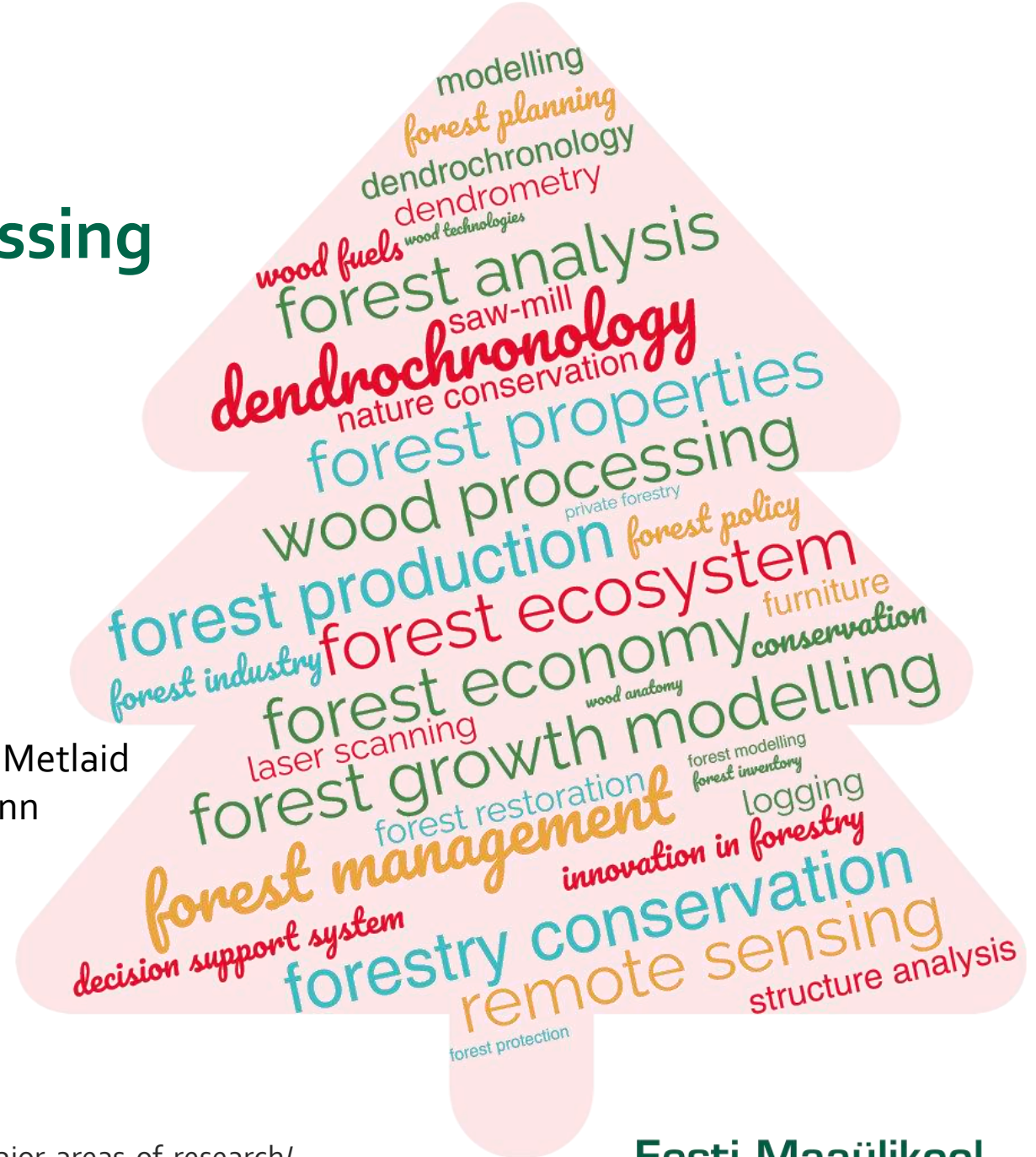
Working groups and leaders:

- Forest pathology – prof. Rein Drenkhan, Tiia Drenkhan-Maaten
- Silviculture – prof. Hardi Tullus
- Short rotation forestry, forest plantations - prof. Reimo Lutter
- Forest disturbances – prof. Marek Metslaid, Floortje Vodde
- Forest biomass, carbon – prof. Veiko Uri
- Forest entomology, dendrology – prof. Ivar Sibul
- Forest disturbances, game management – prof. Kalev Jõgiste
- Forest biodiversity – Tea Tullus

Chair of Forest and Land Management and Wood Processing Technologies

Working groups and leaders:

- Forest modelling – prof. Andres Kiviste
- Remote sensing – prof. Mait Lang, prof. Allan Sims
- Forest inventory – prof. Ahto Kangur, prof. Allan Sims
- Forest policy, private forestry – prof. Henn Korjus
- Wood science – prof. Regino Kask
- Dendrochronology, wood anatomy – prof. Maris Hordo, Sandra Metlaid
- Forest restoration, conservation, diversity – prof. Diana Laarmann



Curricula's in Forestry

- | **Bachelor`s studies** Forestry
- | **Master`s studies**
 - | Planning and analysis in multifunctional forestry (in English)
 - | Forest management and forest ecology
 - | Forest industry
- | **Professional higher education** Wood processing technology
- | **Doctoral studies** Forestry (in Estonian and in English)

Courses in English for exchange students - Eesti Maaülikool



Phlebiopsis gigantea

Collecting wood samples from the forest.

Photos: Tiia Drenkhan-Maaten

Autumn semester

Code	Course	ECTS	E* or P*
MI.0215	<u>Forest pathology (part 1)</u> ^{1,3}	3	E
MI.1783	<u>Forest disturbance dynamics</u> ³	2	E
MI.1021	<u>Forestry modelling</u> ³	5	E
MI.0936	<u>Remote sensing of nature</u> ²	4	P
MI.1730	<u>Real estate appraisal I</u>	4	E
MI.0462	<u>Artificial water bodies in the landscape</u>	3	P
MI.0209	<u>Short course in timber structures</u> ³	3	E
MI.1983	<u>Introduction to the Biosphere-Atmosphere system</u> ³	2	P
MI.1948	<u>Forest ecology</u> ³	4	E
MI.0190	<u>Economics of forest management</u> ³	6	P
MI.1947	<u>Software design, programming and data management</u> ³	6	P
MI.1959	<u>Spatial analysis</u> ³	3	P
MI.1750	<u>Dendrochronology</u> ³	3	P
MI.1003	<u>Advanced course in forest policy</u> ³	5	P
MI.1946	<u>Project and business management in forestry</u> ³	6	E
MI.1945	<u>Research planning, biometrics and statistical analysis</u> ³	8	E

Courses in English for exchange students - Eesti Maaülikool



Spring semester

Code	Course	ECTS	E* or P*
MI.1786	<u>Waste management and circular economy</u> ³	3	E
MI.0215	<u>Forest pathology (part 2**)</u>	1	P
MI.1915	<u>Forest measurement and evaluation (part 2**)</u>	2	P
MI.1970	<u>Modelling and analysing of forestal and environmental data</u> ³	5	E
MI.1788	<u>Short course of strength of materials</u> ³	4	E
MI.1917	<u>Geographic information systems</u>	4	E
MI.1948	<u>Forest ecology (part 2**)</u>	2	P
MI.1958	<u>Big data, organization and analysis</u> ³	4	E
MI.0235	<u>Advanced course in forest design and management planning</u> ³	5	P
MI.0545	<u>Assessment of technical conditions of buildings</u>	3	E
MI.1984	<u>Modern ecosystem scale measurement methods</u> ³	2	P
MI.0448	<u>Nature conservation planning and forest design</u> ³	5	E
MI.0097	<u>Remote sensing of forestry</u> ³	5	E

E* - examination; P* - preliminary examination

Part 2** - available only after successfully passing part 1.

¹ Available in case the student has Basic knowledge in Dendrology

² Available in case the student has Basic knowledge in Geographic information systems

³ Will take place in case there are at least 5 students taking the course

Courses in English for exchange students - Eesti Maaülikool



Gathering for hunting on Järvelja

Photo: Marek Uri

List of courses in which individual work is given in English

Autumn semester

Code	Course	ECTS	E* or P*
MI.0080	<u>World forestry and dendrology (part 1)</u> ¹	4	E
MI.1076	<u>Energy forestry (Short-rotation forestry)</u>	6	E
MI.0913	<u>International forest policy and sustainable forestry</u>	5	E
MI.0920	<u>Paludology</u> ^{3,4}	3	E
MI.1915	<u>Forest measurement and evaluation (part 1)</u> ³	3	E
MI.1937	<u>Game biology. Theory and field practice (part 1)</u> ³	2	E

Spring semester

Code	Course	ECTS	E* or P*
MI.0080	<u>World forestry and dendrology (part 2**)</u>	2	P
MI.0820	<u>Environmental monitoring</u>	4	E
MI.0535	<u>Wild berry cultivation</u> ³	2	P
MI.0453	<u>Mushroom cultivation</u> ³	3	P
MI.0663	<u>Forest certification</u> ³	3	P
MI.1855	<u>Research project</u>	21	E
MI.1937	<u>Game biology. Theory and field practice (part 2**)</u>	1	P

E* - examination; P* - preliminary examination

Part 2** - available only after successfully passing part 1.

¹ Available in case the student has Basic knowledge in Dendrology

³ Will take place in case there are at least 5 students taking the course

⁴ Available in case the student has Basic knowledge in Forestry

STUDENT LIFE







International Club of EMÜ

- | Cultural events
- | Orientation week
- | Trips and excursions
- | Join our FB group!



International Club of EMÜ

Privaatne grupp · 1,2 tuh liiget



Welcome to Estonia!

<https://mi.emu.ee/en/studies/>

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*Erasmus coordinator for the forestry and wood
curricula*

