



University of Maribor

Faculty of Agriculture
and Life Sciences



Erasmus+

**UNIVERSITY OF MARIBOR
FACULTY OF AGRICULTURE
AND LIFE SCIENCES**

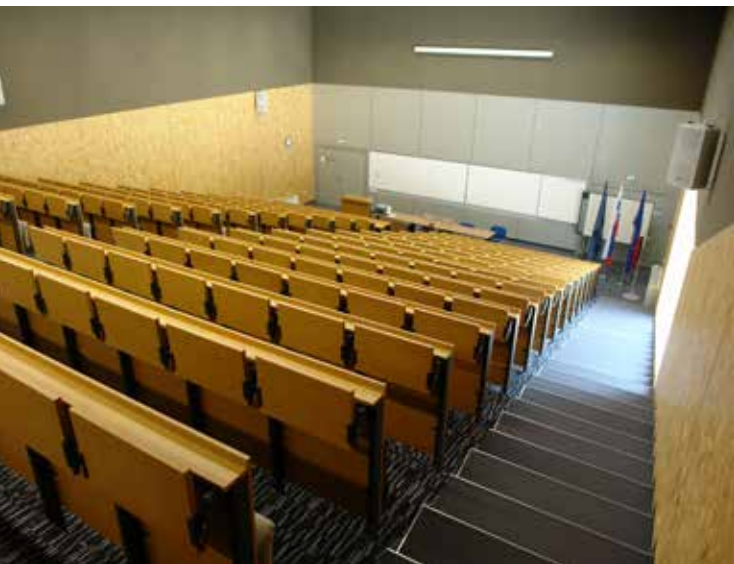
**COACHED TRAINEE
PROGRAM OFFER FOR
EXCHANGE STUDENTS**



**REPUBLIC OF SLOVENIA
MINISTRY OF EDUCATION,
SCIENCE AND SPORT**

Supported by: Republic of Slovenia, Ministry of education, science and sport





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TRAINE PROGRAM PERIOD

Throughout the year.

NUMBER OF WORKING HOURS PER WEEK

40

ERASMUS code: **SI MARIBOR01**

Info:

www.um.si/en/international/erasmus/

Languages:

English (level A2, at least)

Slovene, Croatian/Serbian





Faculty of Agriculture and Life Sciences is located in the centre of most important agricultural region of Slovenia – Styria (Štajerska). It facilitates a good combination of theory and practice and enables the application of academic knowledge to practical work. The practical student training and research work at the faculty is conducted by 14 departments. Beside in well-equipped laboratories, practical work activities and applied research projects are carried out at the estate University Agricultural Centre (UAC) Pohorski dvor and Meranovo. UAC, organised as Technological centres, provides excellent opportunities to explore (experimental) fields (52 ha), orchards (64 ha), vineyards (16 ha), meadows (10 ha), greenhouses, pig and poultry production units, processing units and the Botanical garden (20 ha).

Offered fields for traineeship listed below might be combined regarding to the interest and duration of mobility.



Where?

BOTANICAL GARDEN (<http://botanicnivrt.um.si/index.php/en/>)

When? From March till October

What will you do?

- maintain the plant collections and systematic beds
- manage an educational organic garden with vegetables and fruits
- grow herbs
- become acquainted with plant taxonomy (identification of families and species)
- manage a plant collections database
- plant and sow plants
- transplant seedlings
- water and propagate plants
- prune trees and shrubs
- remove flowers
- cut the grass
- pick fruit



What are the benefits? Obtaining knowledge about plants, getting familiar with all maintenance processes in the garden and learn how to work in a team. Work with and learn from experienced staff and gain new experiences.

Who will supervise you?

Meta Šepic (meta.sepic@um.si)

Where?

DEPARTMENT OF ANIMAL SCIENCE / AT MASTER FARMS (regarding your interest)

When? Throughout the year

What will you do?

Cattle:

- care for different categories of cattle (feeding, milking, cleaning of milking equipment, supplying of calves, etc.)
- participate in insemination of breeding heifers and cows, farrow, gain insight into preventive and curative veterinary intervention, pregnancy control, etc.
- participate at a progeny test station of Simental bulls and research

The practical work in production conditions and farm management is carried out on master farms.

Poultry:

- do daily tasks (control of breeding and animal welfare, control of ventilation, room T, air humidity and water and feed supply, removing manure, evidence of culling animals, cleaning of rooms and equipment, fulfil disinfection barrier, etc.)
- do occasional tasks (cooperate in groups and help with the settlement of animals, participate in frames of chicken testing, etc.)

Pigs:

Practical work at the faculty's farm for animal breeding:

- do everyday tasks (cleaning, feeding, control of conditions in the barn, control of the pigs' health status, etc.)
- do occasional tasks (connected to production and reproduction cycles: heating detection, service/insemination, gestation detection, farrowing – monitoring, cross-fostering, zoo technical

activities (tooth clipping, docking tails, vitamin supply, Fe, castration, etc.), cleaning, disinfection and drying of rooms and equipment, record keeping, selection of gilts, regulation of microclimate, participation in research)

Slaughterhouse: take part in a guided tour of the slaughterhouse (depot where the animals are waiting before slaughter, demonstration of stunning and exsanguination, presentation of primary carcass handling (dehairing, evisceration, carcass splitting, etc. and presentation of carcass classification at the end of the slaughter line)

*Optional: visit an intestinal factory and observe a presentation of meat processing

Dairy: take part in a guided tour of a dairy production unit (acceptance of raw milk in the dairy, demonstration of various processing processes, presentation of different milk products, visit of laboratories for the analysis of milk and milk product quality, visit of wastewater treatment plants)

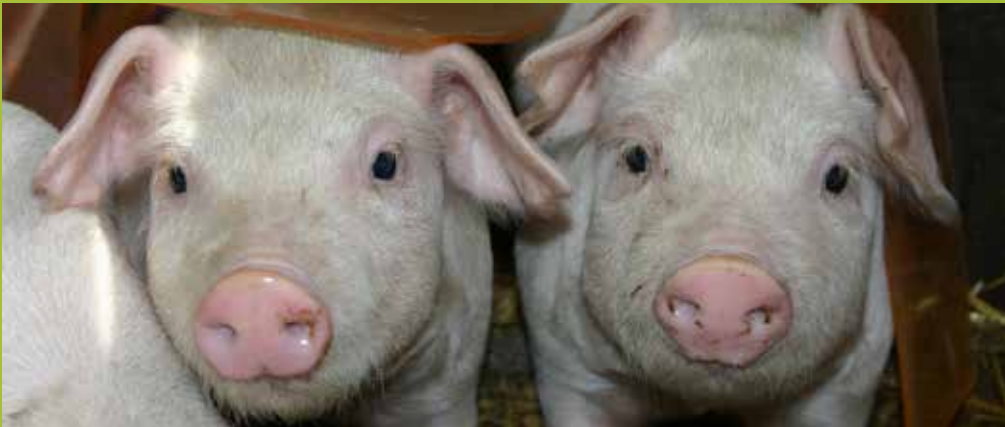
Other animals and systems: get to know the breeding and meat processing procedures for horses, poultry and fallow deer as well as get acquainted with apiculture, aquaculture, etc.

What are the benefits? Learn how to perform the work tasks. Gain the ability to transfer the gained theoretical knowledge into practice. Get insight into the optimal performance of farm enterprise from a technological-technical, an economical, an organizational and a social view.

Who will supervise me?

Janko Skok (janko.skok@um.si)

Andrej Mergeduš (andrej.mergedus@um.si)



Where?

TECHNOLOGICAL CENTRE FOR FRUIT GROWING AT UKC POHORSKI DVOR / DEPARTMENT OF FRUIT GROWING AND PROCESSING

When? In winter and summer semester

What will you do?

Winter semester:

- harvest fruits (harvest window determination, evaluation of maturity and quality parameters of fruit)
- get practical knowledge on fertirrigation, fertilization and irrigation of fruit plants (for particular species)
- prune fruit trees (different fruit species)
- take an active part in processing fruits
- assess the potential of diseases and pests of different fruit species
- do project work; you will be included in activities pertaining different research projects

Summer semester:

- do technological measurements in production of stone fruits, berry fruits or other fruits according to your interests
- get practical knowledge on fertirrigation, fertilization and irrigation of fruit plants (for particular species)
- get acquainted with different systems of fruit production (integrated, organic, zero-residue system),
- prune different fruit plants (summer work in orchards regarding different fruit species, manual and mechanical pruning)

- learn about and get practical knowledge on fertilisation, irrigation, protection against hail, plant protection, ... (diseases and pests)
- orchard soil management
- do project work; you will be included in activities pertaining different research projects

What are the benefits? Acquire knowledge, skills and competences in fruit production in general. Participate in experimental work conducted at the department and thus get familiarised with research procedures. Getting insight into the practical differences among production systems (conventional, integrated, organic, zero residue, ...) of different fruit species.

Who will supervise you?

Tatjana Unuk (tatjana.unuk@um.si)
Stanislav Tojnko (stanislav.tojnko@um.si)
Andrej Vogrin (andrej.vogrin@um.si)
Matjaž Lerš (matjaz.lers@gmail.com)





Where?

DEPARTMENT OF ORGANIC FARMING, FILED CROPS, VEGETABLES AND ORNAMENTAL PLANT PRODUCTION

When? Throughout the year (preferably March – October)

What will you do?

Assist staff in designing, managing and assessing experiments carried out at the department (variety trials, long-term field experiment):

- assist in setting up experiments (field, lab, pot: randomised block design, split-plot, strip-plot)
- sampling (soil and plant material samples)
- monitor parameters (yield, photosynthesis activity of the experimental plants, moisture content, nitrate, C-vitamin content...)
- monitor pests and disease infestation on plants
- in the greenhouse: vegetable seedling production (conventional and organic) ornamental plant propagation
- statistically evaluate some obtained results

What are the benefits? Acquire knowledge, skills and competences in plant production in general and in particular on specific branches of vegetable, field crop and ornamental plant production. Participate in experimental work conducted at the department and thus get familiarised with research procedures. Getting insight into the practical differences among production systems (conventional, integrated, organic, and biodynamic) tested in long-term field experiment.

Who will supervise you?

Martina Robačar (martina.robacer@um.si)

Manfred Jakop (manfred.jakop@um.si)



Where?

TECHNOLOGICAL CENTRE FOR VITICULTURE AND OENOLOGY AT UC MERANOVO / DEPARTMENT OF VITICULTURE AND OENOLOGY

When? In winter and summer semester

What will you do?

- prune and plant vines
- monitor phenological growth phases of vines
- identify vine diseases and pests
- maintenance work in the vineyards
- harvest grapes and determine the quality parameters of grape juice
- winemaking (preparation wineries, containers, equipment, etc.)
- filtering wine, wine bottling and packaging

Conditions for the trainee program at UC Meranovo are:

- contents of trainee program are provided according to the seasons
- an examination on occupational safety is required
- own transport to UC Meranovo
- appropriate work footwear and clothing are recommended

What are the benefits? Acquire knowledge, skills and competences in grape and wine production. Participate in experimental work conducted at the department and thus get familiarised with research procedures. Getting insight into the practical differences among production systems (conventional, integrated, and organic) in grape production and winemaking.

Who will supervise me?

Borut Pulko (borut.pulko@um.si)

Janez Valdhuber (janez.valdhuber@um.si)

