

ERASMUS+ STUDENT INTERNSHIP: Field Research in Viticulture & Oenology

The Agricultural Institute of Slovenia is the leading research organisation in agricultural science in Slovenia. We are looking for a highly motivated, dynamic full-time **Erasmus+ Master student** for a **4 to 6-month internship** in the Department of Fruit Growing, Viticulture and Oenology, with the possibility of extension. We are flexible on the start date; however, it should preferably start in late spring 2025, but no later than June 2025.

The intern will work in the field of **grapevine physiology, adaptation to water stress and resistant varieties**.

Overview

The Erasmus+ student will work alongside experienced scientists and researchers and will actively contribute to execution of field experiments:

- Adaptation to water stress by using new rootstocks
- Testing new resistant grapevine varieties for inclusion on national varietal list
- Quantification of abiotic variables that determine terroir and influence grape/wine composition
- Influence of cover crops on grapevine water status and microbiological soil population

The internship is designed to provide experience in:

- designing and setting up field experiments
- measuring vine water potential by Schollander pressure chamber
- measuring transpiration, stomatal conductance ... using portable photosynthesis system (Licor)
- grapevine ampelography
- grapevine phenotypisation (estimation of yield, Ravaz index, maturation, disease occurrence...)
- temperature, relative humidity, rain and other data collection and processing
- small scale vinifications



Qualifications and Experience

The applicant should have a minimal background in **Agronomy, Plant physiology or Food Science**. Candidate with above listed experience will be positively evaluated.

Work Environment

The research work will be carried out at the Agricultural Institute of Slovenia, which is located in the centre of Ljubljana (capital of Slovenia), with frequent field trips to experimental sites throughout Slovenia. The intern will be directly supervised and trained by the project's sole researcher and will also have access to high-quality research equipment (Schollander pressure chamber, Licor, high-quality analysers, etc.). This internship provides a comprehensive learning experience in the field of grapevine phenology and provides valuable skills and knowledge for the intern's final thesis.

Compensation

- This is an unpaid internship opportunity.

More information

- Contact person: Katja Šuklje Antalick (Katja.SukljeAntalick@kis.si)
- [Website of the Department of Fruit Growing, Viticulture and Oenology](#)

