



University
graduate study
programme in

Environment,
agriculture and
resource
management

INTER-EnAgro
Master's degree



Open enrolment

The graduate study program is open to candidates who already have a bachelor's or equivalent degree in agriculture and other related fields, with a minimum of 180 ECTS. Tuition is in English. More information about this programme: <http://www.agr.unizg.hr/en/category/inter-enagro/229>
Contact: gondrasek@agr.hr

University of Zagreb, Faculty of Agriculture
Svetošimunska 25, 10000 Zagreb, Croatia
www.agr.hr

General information

Scientific area of the study programme

Biotechnical sciences

Duration of the study programme:

The study program lasts 2 years with a study load of at least 120 ECTS

Curriculum structure

1st semester

30 ECTS, introductory and mandatory courses

2nd and 3rd semesters

30 ECTS each, advanced courses

4th semester

30 ECTS, elective courses and degree thesis

Admission requirements

The graduate study programme is open to candidates who already have a bachelor's or equivalent degree in agriculture or forestry, ecology, biology, geology, geography or other related fields, with a minimum of 180 ECTS acquired.

Expression of interest (required documents)

- Filled and signed Application form
- Copy of bachelor degree (if obtained)
- Transcript of records
- CV
- English Language Proficiency

Language of instruction

All lectures, exercises and group work will be conducted in English. Students must have a good knowledge of English, which they have to prove by at least level B2 according to the European Reference Framework or by presenting their Cambridge Advanced Certificate in English.

Tuition fee

17,500,00 HRK (2,500,00 €) per academic year.

Students with Croatian citizenship and students from EU countries pay 50% of tuition

Learning outcomes

The graduate study programme enables students to develop and apply their knowledge, skills and competencies in the following areas:

- Knowledge/understanding in fundamental scientific areas of: agriculture, environmental protection and related natural, engineering and biotechnical sciences;
- Intellectual skills in fundamental and applied scientific areas - the functioning of natural and agro-ecosystems using the interdisciplinary, holistic approach;
- Practical skills and competences in recognizing the current needs and trends in sustainable development of rural areas, notably the role of agriculture.

Employment opportunities

- development projects in the field of environment and agriculture
- higher education institutions
- research institutions
- private entrepreneurship
- counselling firms
- governmental and non-government organizations
- local, national and international institutions

Contacts and information

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List of courses

1st semester

- Quantitative methods for agriculture and environmental science
- Analytical chemistry and laboratory methods
- Agroclimatology and climate change
- Agri-environmental law and policy
- Hydrology and water resources
- Mineralogy and petrology
- Environmental soil science

2nd semester

- Statistics
- Geomorphology and landscape ecology
- Use and conservation of water resources
- Rhizosphere ecology
- Beneficial associations of plants and microorganisms
- Microbial enzymatic activities in soil
- Plant ecophysiology
- Applied plant nutrition

3rd semester

- Spatial analysis and GIS
- Water management in agriculture
- Livestock production and the environment
- Field crops management
- Management of plant diseases
- Plant pest management
- Herbicides
- Environmental risk analysis and management
- Aquatic ecosystems and biodiversity

4th semester

- Elective courses – list:
http://www.agr.unizg.hr/eng/teaching/inter-enagro_programme.htm
- Thesis