

Undergraduate Study Programme

Agronomy

WHY Agronomy?

A career in agronomy opens the door to the world of plants, offering exciting opportunities to address **global challenges** such as climate change, environmental pollution, and food security. Through the study of agronomy, you will gain knowledge of sustainable crop production, agroecosystem management, genetics and biotechnology, plant health, and consumer needs.

Join the future of **modern agronomy** and help **develop innovative, sustainable solutions for agriculture**.

General information

Duration: 3 years (6 semesters)

Mode of study: full-time

Language of study: Slovene

Degree awarded: Bachelor of Applied Science

Location: Izola, Koper (delno)

Admission requirements: completed any four-year secondary-school programme

(More about the requirements on: www.famnit.upr.si)

Benefits of the study at UP FAMNIT?

- Challenges and opportunities in **designing sustainable and competitive agricultural production**
- Broaden your horizons through participation in **creative projects and research activities**
- State-of-the-art **laboratories** in the renovated Livade 1.0 building in Izola
- Opportunities to actively **engage in research and international exchange** programmes
- Study in a pleasant **Mediterranean environment** with a vibrant student life and a wide range of **extracurricular activities**



Modern equipment



Research and fieldwork



Internships at Companies and Institutions



International exchanges



Various extracurricular activities

My career opportunities?

Graduates may pursue careers in:

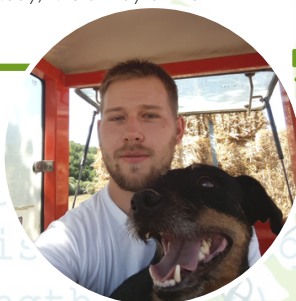
- Crop production and agricultural marketing (including agricultural cooperatives, plant propagation, nurseries, vine nurseries, seed companies, and wineries)
- Plant breeding centres developing new crop varieties with improved characteristics
- Agricultural produce and food quality assurance
- Professional chambers, associations, and government agencies
- Companies specialising in the design of horticultural facilities, permanent plantations, and landscape projects
- Institutions managing protected areas where agriculture is practised (such as national, regional, and landscape parks), as well as botanical gardens
- Self-employment as agricultural entrepreneurs, producers, or consultants
- Sustainable agritourism
- Educational and research institutions

What do students think about studying at UP FAMNIT?

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The programme provides broad knowledge that forms the foundation for understanding both the general processes of nature and the specialized knowledge of the discipline—not only how things work, but also why. For those of us who are passionate about it, agriculture is not just a field of study; it is a way of life.

- Martin -



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Course structure

1st year

Plant Biology
Chemistry Basics
Agrophysics
Mathematical Methods
Land Use and Soil Protection
Fruit Growing
Agroecology
Forest and Wood Management
Horticulture
Viticulture
Computer Practicum

2nd year

Statistical Methods
Plant Physiology
Basics of Genetics
Olive Growing and Olive Processing
Technology
Nature Conservation and Sustainable
Agriculture
Plant Biochemistry
Plant Protection, Diagnostics and
Phytopharmacy
Practical Training in Working Environments I
(4,5 weeks)
Internal / External Elective Course I
Internal / External Elective Course II

3rd year

Zootechnics in the Mediterranean Area
Plant Breeding and Biotechnology
Technologies for Food Processing in Agriculture
Basics of Entrepreneurship and Marketing
Field Crop Production
Project Planning and Management
Practical Training in Working Environments I (5 weeks)
Internal / External Elective Course III
Internal / External Elective Course IV
Seminar

