

# Diplomirani inženir agronomije in hortikulture (vs)/diplomirana inženirka agronomije in hortikulture (vs)

## Selected qualifications

<b>Name of qualification</b>	Diplomirani inženir agronomije in hortikulture (vs)/diplomirana inženirka agronomije in hortikulture (vs)
<b>Translated title (no legal status)</b>	Bachelor of Applied Science in agronomy and horticultural engineering
<b>Type of qualification</b>	Diploma prve stopnje (VS)
<b>Category of qualification</b>	Izobrazba
<b>Type of education</b>	Professional bachelor's education
<b>Duration</b>	3 years
<b>Credits</b>	180 credits

## Admission requirements

- Matura or
- vocational matura; or
- school-leaving examination (prior to 1 June 1995) under any four-year secondary school programme.

## ISCED field

Field  
Kmetijstvo, gozdarstvo, ribištvo in veterinarstvo

## ISCED subfield

subfield kmetijstvo, podrobneje neopredeljeno

## Qualification level

SQF 7  
EQF 6  
First level

## Learning outcomes

The qualification holder will be able to:  
(general competences)

- master theoretical and applied technical knowledge enabling the implementation, supervision and management of agronomic and horticultural technological processes and procedures through analysis and synthesis of a sustainable paradigm of production,
- adapt agronomic and horticultural technological processes and procedures to changes in the natural and economic environment,
- master basic quantitative and qualitative methods for monitoring agronomic and horticultural technological processes and procedures,
- transfer professionally and communicatively professional knowledge and skills to real agronomic and horticultural production systems,
- ensure independent and autonomous professional implementation, supervision and management of agronomic and horticultural technological processes and procedures,
- creatively use information technology,
- master communication skills and pursue professional intra-disciplinary and interdisciplinary dialogue in adopting and implementing technological decisions,

(subject-specific competences)

- know and understand the development of the study of agriculture and its increasingly intra-disciplinary component breakdown,
- know and understand the principle of sustainable development of agronomy and horticulture and the best-practice principle as an aspect of its implementation,
- master the theoretical basis, analytical procedures and methods in the field of natural science: botany, mathematics, chemistry, pedology, genetics, biotechnology; and of technology: fruit growing, wine growing, horticulture, ornamental plants, field cultivation, grass cultivation and economics required in professional work,
- know specific biotic and abiotic factors of production and understand their mutual connection,
- link together fundamental knowledge in the field of biotic and abiotic production factors with agronomic and horticultural technologies,
- know, understand and implement principles of good agronomic and horticultural practices,
- know and understand the principles and apply the methods for monitoring the economic efficiency of production in conditions of a market economy and global competition,

- systematically monitor sources of professional information and select and apply it as appropriate,
- develop and master practical skills that enable the independent implementation of all phases of agronomic and horticultural technological processes in different technological orientations (conventional, integrated, organic production),
- independently and effectively use information and communication technology.

## Assessment and completion

Students' knowledge is assessed by means of practical classes and seminar papers, and also via products, projects, performances, services, etc. and by examinations. Examination performance is graded as follows: 10 (excellent); 9 (very good: above-average knowledge but with some mistakes); 8 (very good: solid results); 7 (good); 6 (adequate: knowledge satisfies minimum criteria); 5-1 (inadequate). In order to pass an examination, a candidate must achieve a grade between adequate (6) and excellent (10).

## Progression

To enrol in the second year, students must have completed the obligations in all enrolled subjects and completed 60 credits, and to enrol in the third year they must have completed the obligations of all the first and second year subjects and have completed 108 credits. Students must submit a certificate of completion of practical training prior to the defence of their diploma thesis.

## Transitions

Second-cycle master's study programmes (SQF level 8)

## Condition for obtaining certificate

To complete their studies, students must complete all requirements for all subjects in which they have enrolled, successfully complete practical training and write and defend a diploma thesis.

## Awarding body

University of Ljubljana, Biotechnical Faculty

URL

<http://www.bf.uni-lj.si/en/deans-office/study-programmes/professional-study-programmes/agriculture-agronomy-and-horticulture-201314/>

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