SLOVENSKO
OGRODJE
KVALIFIKACIJ

Diplomirani inženir gozdarstva (vs)/diplomirana inženirka gozdarstva (vs)

Selected qualifications

Name of qualification	Diplomirani inženir gozdarstva (vs)/diplomirana inženirka gozdarstva (vs)
Translated title (no legal status)	Bachelor of Applied Science in forestry
Type of qualification	Diploma prve stopnje (VS)
Category of qualification	Izobrazba
Type of education	Professional bachelor's education
Duration	3 years
Credits	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 gozdarstvo in lov

Qualification level

SQF 7
EQF 6
First level

Learning outcomes

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

- understand fundamental knowledge,
- synthesise knowledge from the natural science, technical and social studies fields,
- demonstrate social responsibility and a commitment to professional ethics,
- communicate with co-workers, owners and the public,
- participate in project work,
- keep abreast of development in the field of forestry IT,
- keep abreast of the results of research work,
- organise, prepare and carry out work,
- analyse, plan practically and implement,
- autonomously work in a professional manner and show self-critical judgement,
- show familiarity with the structure of forest ecosystems,

(job-specific competences)

- show familiarity with the ecological, social and production roles of forests,
- understand the differences between ownership categories in forest management and adapt to them,
- understand and be familiar with forest business planning,
- show familiarity with regulations in the areas of nature protection and environmental protection that affect forest management,
- be familiar with tree and bush species, especially their distribution, morphology and ecological needs,
- show familiarity with the main forest systems and their rejuvenation ecology,
- show familiarity with endangered forest plants and animals and vulnerable minority ecosystems, and adapt management to this,
- show familiarity with forest-related species of wild game and understand the connections between them and the plant component of the forest,
- show familiarity with abiotic factors that cause damage in forests,
- show familiarity with the causes of disease or biotic damage to forest dendroflora,
- show familiarity with forest protection measures,
- understand the development and growth of stands,
- measure stands, use GIS tools and other modern measuring instruments and technology,
- show familiarity with the market for forest timber varieties,
- determine the felling maturity of stands and parts of stands,
- understand the connection between the structure of the forest, growing conditions and cultivation measures,
- produce a forest cultivation plan,

- produce a felling and hauling plan,
- select trees for felling (taking account of the widest possible role of the forest),
- plan and implement care for a young forest,
- organise and lead forestry production processes,
- show familiarity with bucking timber, faults in timber and standards in the sale of forest timber varieties,
- advise forest owners about the sale of timber,
- plan and construct secondary forest roads,
- show familiarity with optimal maintenance of forest roads.

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

Enrolment in the second year requires the passing of the following examinations: Quantitative methods, Landscape ecology in forestry, Forest inventories and remote data collection I, Forest products, Managing wild animals, Botany, Dendrology, Pedology with basic geology, Applied forest zoology. Students thereby complete 53 credits. Enrolment in the third year requires the passing of all first-year examinations (60 credits) and the following examinations: Structure, growth and yield of forests, Wood production, Forest ergonomics, Cultivation of forests, Evaluation of growth areas through forest phytocoenology, Basics of forest protection, Forest mycology, Organisation of forest works. Students thereby complete 53 credits from the second year, giving a total of 113 credits.

Transitions

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

Condition for obtaining certificate

To complete their studies, students must complete all requirements for subjects in which they have enrolled, in a total amount of 180 credits, involving all examinations (compulsory and elective), professional practice and 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/forestry/