SLOVENSKO
OGRODJE
KVALIFIKACIJ

Inženir naravovarstva/inženirka naravovarstva

Selected qualifications

Name of qualification	Inženir naravovarstva/inženirka naravovarstva
Translated title (no legal status)	Nature conservation engineer
Type of qualification	Višja strokovna izobrazba
Category of qualification	Izobrazba
Type of education	Short cycle higher vocational education
Duration	3 years
Credits	120 credits
Admission requirements	• Matura or vocational matura (previously school-leaving examination); or • master craftsman/foreman/shop manager examination, three years' work experience and test in general education subjects at the level required for the vocational matura in secondary vocational education.

ISCED field

Field
Naravoslovje, matematika in statistika

ISCED subfield

subfield naravno okolje in divje živali

Qualification level

SQF 6
EQF 5
Short cycle

Learning outcomes

Students will be able to:

(general competences)

- plan and organise their own work and the work of others within the professional field of protection of valuable natural features,
- keep abreast of the development of the profession and communicate knowledge to colleagues,
- communicate with experts, customers and visitors in Slovene and one foreign language,
- use modern information and communication technologies,
- inform the public about the importance of conserving valuable natural features,
- participate in research in the field of the protection of valuable natural features,
- carry out project work on the protection of valuable natural features,
- participate in market research and provide market consultancy for the protection of valuable natural features,
- plan human resources, be responsible for the education and training of personnel and plan the organisation of internal education and training for the professional field of protection of valuable natural features,
- organise and participate in the process of formal and non-formal education and training on the protection of valuable natural features,
- ensure the quality and efficiency of work in accordance with standards for the field of protection of valuable natural features,
- develop enterprise characteristics, skills and behaviour,
- make rational use of energy, material and time,
- protect health and the environment and take responsibility for own safety and the safety of others

(specific vocational competences)

- implement sustainable development in the field of management of natural resources,
- draw up technical proposals for measures for the protection of elements of biodiversity, measures for the protection of valuable natural features and ecoremediation,
- provide advice on the use of genetically modified organisms (GMOs),
- provide advice on the management of persistent organic pollutants,
- plan procedures for the protection of valuable natural features and take part in the introduction of technological procedures for the safeguarding of habitats and ecoremediation,
- organise, implement and monitor measures for the protection of valuable natural features, the safeguarding of habitats and ecoremediation,
- prepare technical proposals for environmental protection measures,
- collect and evaluate documentation for the field of the protection of valuable natural features, the

safeguarding of habitats and ecoremediation,
- plan and organise the cultivation and supply of useful organisms,
- plan and organise the maintenance of premises and equipment for the cultivation of useful organisms,
- implement and supervise the introduction and use of useful organisms,
- provide advice on and sell products, devices and other accessories for the maintenance of natural balance and biodiversity,
- evaluate waste, waste water and hazardous substances,
- participate in water, air and soil remediation,
- prepare an action plan and monitor, implement and supervise technological procedures for the production of energy and materials,
- manage preparations of substrates, materials, alternative energy sources for marketing,
- keep records on various works, processing of raw materials and processes,
- participate in the preparation of domestic and international projects,
- lead, coordinate and direct activities in the context of a protected area,
- prepare action programmes for the protection of protected areas,
- participate in the introduction of suitable technological procedures for the protection of habitats,
- participation in preparation of nature protection consents,
- supervise the implementation of measures for the protection of valuable natural features and the conservation of biodiversity,
- collect, archive and evaluate documentation on a protected area.

Assessment and completion

Students' knowledge is assessed by means of practical exercises 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

Students may progress to the second year if they have successfully completed first-year modules, subjects and practical training (including practical classes, seminar papers, projects, examinations, etc.) totalling at least 45 credits, where all practical classes and practical training course units must be completed in full.
Students may repeat a year if they have completed course units and practical training from that year consisting of at least 20 credits, which must include all practical training obligations.
Repetition is approved by the academic affairs committee of the higher technical college on the basis of a written application from the student.

Transitions

First-cycle study programmes (SQF, level 7)

Condition for obtaining certificate

Diplomas are issued to students when they have completed all compulsory modules and subjects for a total of 78 credits (Business and Economics (15 credits), Communication and Information Science (12 credits), Biodiversity (23 credits), Enterprise with Organisation (18 credits), Sustainable Development with selected chapters from Biology (4 credits) and Legislation and Ethics in the field of nature, environment and spatial planning (6 credits)), an elective module consisting of 32 credits (Ecosystems (32 credits), Protected Areas (32 credits) or Natural and Renewable Energy Sources (32 credits)), one elective subject (5 credits) and a bachelor's thesis (5 credits).

Awarding body

Higher vocational colleges

URL

https://paka3.mss.edus.si/registriweb/ProgramPodatki.aspx?ProgramId=7720