
Diplomirani ekotehnolog (vs)/diplomirana ekotehnologinja (vs)

Selected qualifications

Name of qualification	Diplomirani ekotehnolog (vs)/diplomirana ekotehnologinja (vs)
Translated title (no legal status)	Bachelor of Applied Science in ecotechnology
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 in any secondary school programme and an examination in one matura subject; or
- school-leaving examination before 1 June 1995.

ISCED field

Field
Tehnika, proizvodne tehnologije in gradbeništvo

ISCED subfield

subfield interdisciplinarne izobraževalne aktivnosti/izidi, pretežno tehnika, proizvodne tehnologije in gradbeništvo

Qualification level

SQF 7
EQF 6
First level

Learning outcomes

The qualification holder will be able to:

(general competences)

- demonstrate knowledge of the legal and organisational form of activity of businesses and institutions and methods of operation and management in them,
- demonstrate familiarity with and understanding of ownership structure and types of businesses and institutions,
- communicate in Slovene and English and understand and interpret texts in these languages,
- use modern information and communication technologies and basic programming languages,
- acquire additional knowledge, integrate knowledge from various fields and transfer findings into practice,
- ensure quality in the work process in accordance with quality standards and the rules of the profession,
- encourage co-workers to participate in lifelong learning and take responsibility for personal development in the professional fields,
- demonstrate understanding of the importance and role of domestic and foreign professional institutions and chambers,
- work independently and participate in expert groups,
- demonstrate understanding of the importance of safety at work and the use of adequate protective equipment for themselves and for co-workers,
- write and understand texts that are an integral part of the business environment of a company or institution,
- prepare a synthesis of results and findings obtained,

(subject-specific competences)

- demonstrate understanding of business reports and technical reports,
- take part in complex projects,
- demonstrate mastery of the principles of the rational use of energy and materials,

- assess the reality of needs in the work process,
- analyse the efficiency of work procedures and propose improvements,
- think analytically and play an active part in interdisciplinary groups in the field of environmental and nature protection,
- resolve technical and other problems by applying existing and new knowledge and research methods in the field of environmental and nature protection,
- communicate in Slovene and English and understand and interpret technical texts in these languages,
- work independently and responsibly and take professional decisions,
- take part in project work, group work and lab work,
- use acquired knowledge and transfer it to co-workers and into practice,
- plan and organise the implementation of professional work,
- demonstrate familiarity with an understanding of physical, chemical and biological phenomena and use them to interpret natural and anthropogenic impacts in the environment,
- demonstrate understanding of phenomena relating to harmful substances in the environment and their impact on the environment and health,
- demonstrate understanding of and address the consequences of the impacts of harmful substances on the environment and nature at the qualitative and quantitative level,
- use approaches to the study and treatment of natural impacts (floods, droughts, etc.) and anthropogenic impacts (industry, agriculture, traffic, etc.) on the air, water, soil, plants, animals, people,
- address the problems of environmental pollution, protection, status monitoring and renewal,
- demonstrate familiarity with an understanding of techniques and technological procedures to reduce, remediate, protect against and monitor pollution,
- demonstrate understanding of new information and interpretations within the professional field,
- responsibly manage the environment, components of the environment (resources) and different sectors of the public,
- integrate local and global interpretations of phenomena in the field of environmental and nature protection,
- integrate environmental resources and their action (interaction) in the business environment and society,
- carry out fieldwork and lab work in a safe manner,
- demonstrate familiarity with regulations from the field of ecotechnology and environmental protection,
- work with computers and use modern information and communication technologies (GIS).

Assessment and completion

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

In order to progress to the second year, students must have completed 48 first-year credits. In order to progress to the third year, students must have completed all first-year course units and 50 second-year

credits.

In order to enrol in the second year, in addition to completing 48 credits students must have passed examinations in the following subjects: Ecosystem Biology, Man and the Environment, Chemistry and the Environment, Mathematics, Nature Conservation, Environmental Sociology and Waste Management. In order to enrol in the third year, as well as completing first-year course units and 50 second-year credits, students must have passed an examination in Pollution and the Protection of Air, Water and Soil.

Transitions

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

Condition for obtaining certificate

In order to complete the programme successfully, students must complete all course units prescribed by the study programme.

Awarding body

Visoka šola za varstvo okolja, Velenje (independent higher education institution)

URL

<http://www.vsvo.si/?lang=en>
