
Diplomant izobraževalne biologije (un) in .../diplomantka izobraževalne biologije (un) in ...

Selected qualifications

Name of qualification	Diplomant izobraževalne biologije (un) in .../diplomantka izobraževalne biologije (un) in ...
Translated title (no legal status)	Bachelor of Science in educational biology and ...
Type of qualification	Diploma prve stopnje (UN)
Category of qualification	Izobrazba
Type of education	Academic bachelor's education
Duration	3 years
Credits	180 credits

Admission requirements

- Matura or
- vocational matura and an examination in one of the matura subjects; the selected subject may not be a subject which the candidate has already taken in the vocational matura; or
- school-leaving examination (prior to 1 June 1995) under any four-year secondary school programme.

ISCED field

Field
Naravoslovje, matematika in statistika

ISCED subfield

subfield biologija

Qualification level

SQF 7
EQF 6
First level

Learning outcomes

The qualification holder will be able to:

(general competences)

- think analytically and demonstrate understanding of complex systems that enable participation in various interdisciplinary teams,
- demonstrate general knowledge and communicate and work in a team with experts from other professional and scientific fields,
- participate in research and development projects aimed at improving the quality of work in the field of education,
- demonstrate autonomy, criticism/self-criticism and initiative and strive for quality in own professional work,
- plan own professional development, keep abreast of the achievements of science and studies important for own professional work, and critically and carefully incorporate new findings into own work,
- address technical and work problems by seeking out sources of knowledge and applying scientific methods,
- communicate with absolute proficiency in the Slovene language,
- self-educate and manage sources in at least one foreign language,
- use information and communication technologies in education and training, and everyday situations,
- effectively plan and independently control the performance of own activities,
- show perceptiveness with regard to people's problems and various social situations,
- respect diversity and the cultural and ideological values of the individual,
- deduce new logical conclusions on the basis of given data,
- apply scientific/mathematical thinking to the quantitative treatment of problems in nature, the environment and society,
- work safely and assess risks,

(subject-specific competences)

- demonstrate knowledge and understanding of basic biological concepts, procedures and theories and apply biological knowledge in various contexts,
- communicate own understanding of fundamental biological concepts and procedures,
- demonstrate knowledge and understanding of the basics of botany, zoology, microbiology, ecology, biochemistry, genetics and evolution,
- demonstrate understanding of and address simple biological problems at a qualitative and quantitative level,
- describe a given situation using appropriate biological terminology,
- address simple biological and other problems using ICT,
- plan, implement and evaluate simple biological experiments, tests and field sampling,
- handle apparatus safely and work in a biology laboratory,
- work ethically and safely with living organisms and biological materials,
- maintain and protect biological and didactic collections,
- evaluate the results of own work in the field of biology education,
- demonstrate knowledge and understanding of the influence of biology on the development of other sciences and the importance of biology and human society.

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

In order to progress to the second year, students must have accumulated at least 17 ECTS credits by passing examinations in Foundations of General Botany (6 ECTS credits), General Zoology (6 ECTS credits) and Human Biology (5 ECTS credits). In addition to the conditions for progression to the second year under this study programme, students must also accumulate a specific number of credits in the other part of the two-subject study programme.

In order to progress to the third year, students must have completed all first-year course units and accumulated at least 16 ECTS credits by passing examinations in the second-year subjects Biochemistry with the Basics of Microbiology and Genetics (9 ECTS credits) and Systematic Zoology (7 ECTS credits). In addition to the conditions for progression to the third year under this study programme, students must also accumulate a specific number of credits in the other part of the two-subject study programme.

Transitions

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

Condition for obtaining certificate

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

Awarding body

University of Maribor, Faculty of Natural Sciences and Mathematics

URL

<http://fnm.um.si/index.php?lang=en>
