

Magister molekulske in funkcionalne biologije/magistrica molekulske in funkcionalne biologije

Selected qualifications

Name of qualification	Magister molekulske in funkcionalne biologije/magistrica molekulske in funkcionalne biologije
Translated title (no legal status)	Master of Science in molecular and functional biology
Type of qualification	Diploma druge stopnje
Category of qualification	Izobrazba
Type of education	Master's education
Duration	2 years
Credits	120 credits

Admission requirements

- A completed first-cycle programme in biology consisting of 180 ECTS credits or a comparable first-cycle programme in Biology, at another university in Slovenia or abroad; or
- a completed first-cycle programme in another field, either in Slovenia or abroad, if prior to enrolment the candidate has completed course units essential for further studies; these course units – determined by the competent studies committee with reference to how different the field is and selected from the subjects of the first-cycle academic study programme in Biology – consist of 10–60 credits; or
- a completed professional higher education programme in biology consisting of 180 ECTS credits or a comparable professional higher education programme at another university in Slovenia or abroad; or
- a completed professional higher education programme in another field, either in Slovenia or abroad, if prior to enrolment the candidate has completed course units essential for further studies; these course units – determined by the competent studies committee with reference to how different the field is and selected from the subjects of the first-cycle academic study programme in Biology – consist of 10–60 credits.

ISCED field

Field
Naravoslovje, matematika in statistika

ISCED subfield

subfield biologija

Qualification level

SQF 8
EQF 7
Second level

Learning outcomes

The qualification holder will be able to:

(general competences)

- postulate, understand and creatively address problems, principles and theories,
- think critically, analytically and synthetically in biological sciences,
- demonstrate mastery of practical and general skills related to the field of work,
- show a sense of professional and ethical responsibility,
- develop linguistic and numerical literacy,
- demonstrate familiarity with the technical terminology of the field,
- use information and communication technologies,

(subject-specific competences)

- carry out research,
- demonstrate mastery of theoretical and practical knowledge about the universality of life processes

and the numerous variants that exist as a result of various ecological niches, and their molecular and structural relationships and genetic diversity,

- demonstrate knowledge of molecular and functional biology, which is today of key importance in understanding physiology, systematics, evolution of organisms and also development and exploitation processes for biotechnological purposes,
- demonstrate mastery of new approaches to addressing biological problems.

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

Students may enrol in the next year if by the end of the academic year they have completed all course units prescribed by syllabuses and accumulated at least 60 ECTS credits.

Transitions

Third-cycle doctoral study programmes (SQF level 10)

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 Ljubljana, Faculty of Bioengineering

URL

<http://www.bf.uni-lj.si/en/>
