SLOVENSKO
OGRODJE
KVALIFIKACIJ

Magister strukturne in funkcionalne biologije/magistrica strukturne in funkcionalne biologije

Selected qualifications

Name of qualification	Magister strukturne in funkcionalne biologije/magistrica strukturne in funkcionalne biologije
Translated title (no legal status)	Master of Arts in structural 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 academic higher education programme in biology consisting of 180 credits, either in Slovenia or abroad; or
• a completed first-cycle academic study programme in another field, either in Slovenia or abroad, if the candidate additionally completes 10–60 credits in subjects from the first-cycle academic study programme in Biology; these credits are determined with reference to how different the field is and are defined for each candidate separately by the competent studies committee; the candidate must pass these additional examinations before enrolling in the master's programme; or
• a completed professional higher education programme in biology consisting of 180 credits, under the former system or the present system, either in Slovenia or abroad; or
• a completed professional higher education programme in another field, under the former system or the present system, either in Slovenia or abroad, if the candidate additionally completes 10–60 credits in subjects from the first-cycle academic study programme in Biology; these credits are determined with reference to how different the field is and are defined for each candidate separately by the competent studies committee; the candidate must pass these additional examinations before enrolling in the master's programme.

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 in the field of the structure and functioning organisms,
- develop linguistic and numerical literacy,
- read, translate and write texts in English,
- use software based on the Windows operating system,

(subject-specific competences)

- research the morphology, anatomy, histology and ultrastructure of plant and animal organisms,

- demonstrate proficiency in optical microscopy and scanning and transmission electron microscopy,
- carry out research in cell physiology,
- carry out research in embryology or the field of modern developmental biology at the cellular and molecular levels,
- carry out research in somatological and anthropological laboratories,
- carry out research in plant physiology, in particular the mechanisms of symbiosis and parasitism,
- carry out research in animal physiology,
- carry out research in neurobiology, in particular in the field of the sense organs,
- carry out research in the fields of structural and molecular neurobiology,
- carry out research in the fields of ethology and neuroethology,
- research the evolution of structure, function and behaviour,
- show professional and ethical responsibility when working with animals and in biological research,
- plan and autonomously lead a research project and interpret results in written and oral form.

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 credits.

Transitions

Third-cycle doctoral study programmes (SQF level 10)

Condition for obtaining certificate

In order to complete the programme, students must complete all prescribed course units, for a total of 120 credits.

Awarding body

University of Ljubljana, Faculty of Bioengineering

URL

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