

Magister laboratorijske biomedicine/magistrica laboratorijske biomedicine

Selected qualifications

Name of qualification

Magister laboratorijske biomedicine/magistrica
laboratorijske biomedicine

Translated title (no legal status)

Master of Science of Laboratory Biomedicine

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 first-cycle (Bologna) programme in Laboratory biomedicine (180 ECTS credits) or
- a first-cycle (Bologna) programme in Biochemistry (180 ECTS credits) or
- a professional higher education programme adopted before 11 June 2004 in the professional field of Laboratory biomedicine or
- a first-cycle (Bologna) programme in other fields, if the candidate additionally obtains 10–60 credits from the range of subjects of the first-cycle Laboratory biomedicine programme (these requirements shall be determined with regard to the difference of the professional field and specified separately for each individual by the relevant studies committee).

ISCED field

Field
Zdravstvo in socialna varnost

ISCED subfield

subfield medicina

Qualification level

SQF 8
EQF 7
Second level

Learning outcomes

The qualification holder will be able to:
(general competences)

- analyse, critically evaluate and find solutions to specific problems that appear in the field of laboratory biomedicine,
- demonstrate autonomy in the performance of professional work and research,
- demonstrate relevant knowledge for the understanding, introduction, application and evaluation of modern techniques and methods used throughout the field of laboratory biomedicine,
- ensure quality procedures,
- carry out individual research, work in a group and demonstrate the knowledge necessary for the communication and publication of results,
- demonstrate an appropriately ethical character for work with patients and human biological material and work in biomedical research,

(subject-specific competences)

- autonomously perform complex analyses and tests (depending on the procedure or type of sample) of human biological material,
- evaluate the usefulness of the methods and results of laboratory tests for the assessment of the state of health of the subject,
- interpret laboratory results,
- demonstrate modern approaches to rational laboratory diagnostics,

- seek new indicators useful in the diagnosis of various diseases,
- demonstrate understanding of laboratory biomedicine as an interdisciplinary field that is connected with scientific and mathematical disciplines and medicine,
- integrate new information and interpretations in the field of laboratory biomedicine,
- develop new analytical methods and applications for specific biological samples (EF, HPLC, ELISA, etc.),
- use modern information technologies (e.g. databases in the fields of genomics, proteomics, metabolomics, etc.),
- demonstrate understanding of legislation, regulations and ethics in the field of laboratory biomedicine.

Assessment and completion

Examination performance is scored 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, the candidate must achieve a grade between adequate (6) and excellent (10).

Progression

Students may enrol in a higher year if by the end of the academic year they have met all requirements defined by the study programme for enrolment in a higher year. In order to progress to the second year, students must meet study requirements in all compulsory first-year subjects (48 ECTS credits).

Transitions

Third-cycle doctoral study programmes (SQF level 10)

Condition for obtaining certificate

To complete their studies students must meet all requirements defined by the programme, for a total of 120 ECTS credits, including the successful defence of their master's thesis.

Awarding body

University of Ljubljana, Faculty of Pharmacy

URL

[http://www.ffa.uni-lj.si/en/study/academic-programmes/laboratory-biomedicine-\(2nd-stage\)](http://www.ffa.uni-lj.si/en/study/academic-programmes/laboratory-biomedicine-(2nd-stage))
