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# Doktor znanosti/doktorica znanosti s področja biokemije in molekularne biologije

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## Selected qualifications

<b>Name of qualification</b>	Doktor znanosti/doktorica znanosti s področja biokemije in molekularne biologije
<b>Translated title (no legal status)</b>	Doctor of Philosophy in the field of biochemistry and molecular biology
<b>Type of qualification</b>	Doktorat
<b>Category of qualification</b>	Izobrazba
<b>Type of education</b>	Doctoral education
<b>Duration</b>	3 years
<b>Credits</b>	180 credits

## Admission requirements

- Diploma from second-cycle study programmes in the field of biomedicine, biotechnology and mathematical sciences or
- diploma from study programmes intended to provide education for professions regulated by European Union directives (93/16/EEC for doctors, 78/1027/EEC for veterinarians, 78/687/EEC for dentists and 85/432/EEC for pharmacists) and which require at least 300 credits or
- diploma from study programmes leading to a specialisation with previous completion of a first-cycle professional education programme in biomedicine, biotechnology and mathematical sciences; additional study requirements for individual fields totalling 30 to 60 credits determined for candidates by the Biomedicine Programme Council or
- diploma from study programmes leading to a Master of Science or specialisation following the completion of study programmes leading to a university qualification in biomedicine, biotechnology and mathematical sciences; study requirements totalling 60 credits are recognised for candidates or
- diploma from study programmes leading to university qualification in related disciplines in biomedicine, biotechnology and mathematical sciences.

## ISCED field

Field  
Naravoslovje, matematika in statistika

## ISCED subfield

subfield interdisciplinarne izobraževalne aktivnosti/izidi, pretežno naravoslovje, matematika in statistika

## Qualification level

SQF 10  
EQF 8  
Third level

## Learning outcomes

The qualification holder is be able to:

- perform creative and independent research,
- solve scientific problems of future employers,
- understand and critically assess solutions for demanding and complex scientific research questions,
- perform creative and independent work on scientific research problems,
- make critical assessments of research results,
- develop new research methods,
- transfer new technologies and knowledge into practice,
- understand the basics of cell structure and functioning,
- apply knowledge in select medically important subjects in the areas of human reproduction, oncology and various topics in genetics.

## 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, a 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.

## Condition for obtaining certificate

Students must meet all requirements defined by the study programme and produce and successfully defend a doctoral thesis to complete their studies.

## Awarding body

University of Ljubljana Biotechnical Faculty, Faculty of Pharmacy, Faculty of Chemistry and Chemical Technology, Faculty of Medicine, Veterinary Faculty; Jožef Štefan Institute; National Institute of Chemistry; National Institute of Biology.

URL

<http://www.uni-lj.si/studij/doktorski/biomedicina/>

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