
Doktor znanosti/doktorica znanosti s področja biomedicinske tehnologije

Selected qualifications

Name of qualification

Doktor znanosti/doktorica znanosti s področja
biomedicinske tehnologije

Translated title (no legal status)

Doctor of Philosophy in the field of biomedical technology

Type of qualification

Doktorat

Category of qualification

Izobrazba

Type of education

Doctoral education

Duration

3 years

Credits

180 credits

Admission requirements

- A second-cycle study programme in biomedicine and related disciplines, or
- an academic higher education programme in biomedicine and related disciplines adopted before 11 June 2004, or
- a professional higher education programme adopted before 11 June 2004 and a study programme leading to a specialist qualification (specialisation) in biomedicine and related disciplines. Before enrolment in the study programme, study requirements totalling 60 ECTS credits are defined for such candidates; or
- a study programme leading to a qualification for occupations regulated by EU directives, if comprising 300 credits, or other integrated master's study programme comprising 300 ECTS credits.

ISCED field

Field
Zdravstvo in socialna varnost

ISCED subfield

subfield interdisciplinarne izobraževalne aktivosti/zidi,
pretežno zdravstvo in socialna varnost

Qualification level

SQF 10
EQF 8
Third level

Learning outcomes

The qualification holder is be able to:

- undertake independent research work,
- obtain new scientific knowledge for the advanced development of new methods of diagnosis and treatment in the country,
- facilitate the faster transfer of diagnostics and treatment from the international environment to the national environment,
- undertake advanced research/clinical work, including both applied and basic research,
- undertake basic and applied research and clinical studies across a broad spectrum of biomedical technology, e.g. information technology in health care, virtual medicine, telemedicine, healthcare and measuring procedures, analysis of bioelectric signals, gerontotechnology, robotics, computer science, modelling and processing of visual data, biomaterials in medicine, etc.

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

In order to progress to the second year, students must have met first-year requirements totalling at least 45 ECTS credits, including requirements in the following first-year subjects: Biomedical informatics, Seminar I and individual research. In order to progress to the third year, students must have met all first-year and second-year requirements, totalling 120 ECTS credits. By the time of enrolment in the third year at the latest, candidates must submit an application for assessment of the subject of their doctoral dissertation and obtain the approval of a mentor. The final year of study is dedicated to individual research oriented towards the preparation of the doctoral dissertation (60 ECTS credits).

Condition for obtaining certificate

In order to complete their studies, candidates must write and successfully defend the doctoral dissertation and meet all other requirements defined by the study programme, in this way accumulating at least 180 ECTS credits. The candidate must submit an original paper on a topic from the field covered by the doctorate which has been published in an SCI or SSCI journal, together with an indication of the impact factor of the journal. The candidate defends the doctoral dissertation publicly before a committee.

Awarding body

University of Maribor, Faculty of Medicine

URL

<http://www.mf.um.si/en/study/info-and-process-postgraduates>
