

Doktor znanosti/doktorica znanosti s področja kemijske znanosti

Selected qualifications

Name of qualification	Doktor znanosti/doktorica znanosti s področja kemijske znanosti
Translated title (no legal status)	Doctor of Philosophy in the field of chemical sciences
Type of qualification	Doktorat
Category of qualification	Izobrazba
Type of education	Doctoral education
Duration	3 years
Credits	180 credits

Enrolment in the doctoral study programme Chemical Sciences is open to candidates who have completed:

- a second-cycle study programme;
- an integrated master's programme totalling 300 credits;
- a former academic higher education undergraduate programme;
- a former study programme leading to a research master's degree (course units totalling up to 60 credits are recognised for these candidates. The decision on recognition is made by the Senate of the Faculty or a body appointed by the latter);
- a former study programme leading to a specialisation, if they have previously completed a professional higher education programme; for such candidates the FKKT Senate or a body appointed by the latter may decide to define an individual bridging programme consisting of 10–60 ECTS;
- a study programme at another university in Slovenia or at a university in another country in accordance with the conditions prescribed for students from Slovenia. The equivalence of prior learning in another country is established by means of the procedure for the recognition of foreign qualifications for the purposes of continuing education in accordance with Article 121 of the Statute of the University of Ljubljana.

Admission requirements

ISCED field

Field
Naravoslovje, matematika in statistika

ISCED subfield

subfield kemija

Qualification level

SQF 10
EQF 8
Third level

Learning outcomes

Qualification holders are qualified to:

(general competences)

- critically analyse, evaluate and synthesise new and complex ideas;
- communicate about their expert field with colleagues, larger expert groups and the general public;
- promote scientific and technological progress at the academic and applied levels in a knowledge-based society.

(subject-specific competences)

- demonstrate systematic understanding of the scientific aspect of chemical sciences and thorough mastery of the skills and research methods and techniques related to the research topic,

- comprehensively and accurately plan a research process in chemical sciences and implement and develop it,
- obtain new findings through their own original research, which broaden knowledge of chemical sciences and develop cogent contributions that meet conditions for peer-reviewed international publication.

Assessment and completion

Students' knowledge is assessed by means of practical exercises and seminar papers, and also via products, projects, performances, services, etc. and by examinations. 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

In order to enrol in the second year, students must have completed at least 45 credits, of which at least 10 must be from elective subjects, and have successfully presented the starting points of the research for their doctoral dissertation.

Candidates who have completed all taught course units from the first and second years and whose doctoral dissertation topic has been approved may enrol in the third year of the doctoral programme.

Condition for obtaining certificate

In order to complete the programme, students must complete course units defined by the programme and write and successfully defend a doctoral dissertation in accordance with the provisions of the doctoral dissertation rules adopted by the Senate of the Faculty of Chemistry and Chemical Technology (FKKT) of the University of Ljubljana. Before receiving a grade at the Senate of the FKKT, candidates must publish, as lead author, a paper from the field of their dissertation in international scholarly literature.

Awarding body

Faculty of Chemistry and Chemical Technology, University of Ljubljana

URL

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