



DIPLOMA SUPPLEMENT

The purpose of the Diploma Supplement is to provide sufficient independent data to improve the international 'transparency' and fair academic and professional recognition of qualifications (diplomas, degrees, certificates, etc.). It is designed to provide a description of the nature, level, context, content and status of the studies that were pursued and successfully completed by the individual named on the original diploma to which this supplement is appended. It is free from any value judgements, equivalence statements or suggestions about recognition. This Diploma Supplement model was developed by the European Commission, Council of Europe and UNESCO.

1 Information identifying the holder of the qualification

- 1.1 *Last name(s)*: KURALT
- 1.2 *First name(s)*: VID
- 1.3 *Date of birth*: 31 July 2001
- 1.4 *Academic year of enrolment and student identification number*: 2020/21, 31200220
- 1.5 *Date of graduation*: 12 September 2025
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2 Information identifying the qualification

- 2.1 *Name of qualification and title conferred (title in the original language and English)*:
Diploma
Integrated master's study programme Pharmacy
Title conferred: magister farmacije
Abbreviation: (mag. farm.)
English: Master of Pharmacy
Abbreviation: M. Pharm.
- 2.2 *Field(s) of study*:
KLASIUS-P-16: 0916 (Pharmacy)
- 2.3 *Name of awarding institution*:
UNIVERSITY OF LJUBLJANA (UL), Kongresni trg 12, 1000 Ljubljana, Slovenia
UNIVERSITY OF LJUBLJANA, FACULTY OF PHARMACY (UL FFA), Aškerčeva cesta 7, 1000 Ljubljana, Slovenia
- 2.4 *Status of awarding institution*:
University of Ljubljana is a public higher education institution. The accreditation of the university has been extended by the SQAA (NAKVIS) decree No. 6031-3/2029/36, dated 21. 4. 2022. The study programme has been accredited by the Senate for Accreditation of the Council of the Republic of Slovenia Higher Education decision No. 2/72-2007, dated 20. 11. 2007.
- 2.5 *Language(s) of instruction/examination*: Slovenian
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3 Information on the level and duration of the qualification

- 3.1 *Level of the qualification*:
SQF level: 8 EQF level: 7 QF-EHEA level: Second cycle

3.2 *Official duration of the study programme in credits and years:* 300 ECTS, five years

3.3 *Access requirements:*

The integrated master's study programme Pharmacy is open to students:

- a) who completed the general Matura,
- b) study programmes providing education for occupations regulated by Directives of the European Union (93/16/EEC for doctors, 78/1027/EEC for veterinarians, 78/687/EEC for dentists and 85/432/EEC for pharmacists) evaluated with at least 300 credits, who completed the vocational matura in secondary school programme of chemistry technician and an exam in matura subject of biology, who completed the vocational matura in secondary school programme of veterinary technician or beauty therapist and an exam in matura subject of physics,
- c) who completed any 4-year secondary school program before 1 June, 1995.

All candidates must demonstrate proficiency in the Slovene language at the B2 level according to the Common European Framework of Reference for Languages (CEFR), supported by an appropriate certificate.

In case of limited access, the following selection criteria are applied:

the candidates referred to in points a) and c) above are selected according to:

- | | |
|---|-------------|
| - overall achievement in the general Matura or final exam | 40% points, |
| - overall achievement in 3rd and 4th year of secondary school | 40% points, |
| - grades in individual Matura subjects (biology, biotechnology, physics or chemistry) | 20% points, |

the candidates in point b) above are selected according to:

- | | |
|---|-------------|
| - overall achievement in the vocational Matura | 40% points, |
| - overall achievement in 3rd and 4th year of secondary school | 40% points, |
| - in the Matura subject | 20% points. |

4 Information on the programme completed and the results obtained

4.1 *Mode of study:* full-time

4.2 *Study programme learning outcomes:*

General competences:

- ability to analyse, critically evaluate, search for solutions, and resolve relevant, professional pharmaceutical, clinical biochemical, pharmaceutical technological, pharmaceutical biotechnological, and toxicological problems arising in different working environments,
- qualified and has a competence for continuing education at the doctoral level, competent for autonomous and responsible performance of professional work and analysis of professional issues,
- qualified for individual professional work and work in a team, has the knowledge needed for professional communication with patients and experts from the same and related fields of expertise,
- qualified for understanding and application of modern techniques and methods at all levels of complexity within the entire fields of pharmacy and clinical biochemistry,
- qualified to assure the quality of medicinal products and procedures,
- ethically shaped professional personality to carry out the mission of the pharmacist.

Subject-specific competences, knowledge, skills and experience in:

- drug design, synthesis, analysis, isolation, characterization and biological evaluation, biopharmaceutical characteristic of the medicines, pharmacokinetic and pharmacodynamic properties of drug in the human body,
- dosage forms development and design using classical technology and nanotechnology procedures, evaluation and monitoring of pharmaceutical-technological properties of medicines,
- transfer of technological procedures from laboratory to industrial scale,
- selection, development and validation of analytical methods, interpretation of acquired results,
- toxicological properties of pharmaceutical materials,
- research and development management, project management and management with knowledge and information in the pharmaceutical industry,
- analytical methods and interpretation of results in clinical biochemical laboratories and their usefulness in diagnosis, identifying cause of disease and monitoring of therapeutic effects,
- pharmacotherapy,
- professional implementation of advisory and educational functions in the dispensing of medicines,
- legislation, regulations and ethics in the field of manufacture and approval of medicines.

4.3 Study programme details, individual credits gained and grades obtained:

No.	Course	Year	ECTS	Date	Grade
1.	Physical Education	1st	0	6. 11. 2020	passed
2.	Physics	1st	8	25. 1. 2021	7
3.	Pharmaceutical Biology with Genetics	1st	7	5. 2. 2021	10
4.	Mathematics	1st	7	9. 2. 2021	9
5.	General and Inorganic Chemistry	1st	8	23. 2. 2021	10
6.	Introduction to Pharmacy	1st	3	4. 6. 2021	passed
7.	Anatomy and Histology	1st	4	14. 6. 2021	9
8.	Pharmaceutical Chemistry I	1st	6	17. 6. 2021	10
9.	Pharmaceutical Informatics	1st	5	23. 6. 2021	10
10.	Microbiology	1st	4	7. 7. 2021	9
11.	Analytical Chemistry	1st	8	9. 7. 2021	9
12.	Organic Chemistry	2nd	9	25. 1. 2022	10
13.	Physical Chemistry	2nd	6	26. 1. 2022	10
14.	Physiology	2nd	6	2. 2. 2022	10
15.	Pharmaceutical Biochemistry	2nd	7	15. 6. 2022	10
16.	Physical Pharmacy	2nd	5	28. 6. 2022	10
17.	Pharmaceutical Chemistry II	2nd	7	7. 7. 2022	10
18.	Pharmaceutical Technology I	2nd	20	25. 8. 2022	10
19.	Pharmacognosy I	3rd	9	27. 1. 2023	10
20.	Instrumental Pharmaceutical Analysis	3rd	4	2. 2. 2023	9
21.	Social Pharmacy	3rd	4	14. 2. 2023	10
22.	Pathophysiology	3rd	6	11. 5. 2023	9
23.	Instrumental Analytical Methods in Pharmacy	3rd	5	21. 6. 2023	10
24.	Pharmaceutical Chemistry III	3rd	20	22. 6. 2023	10
25.	Pharmaceutical Technology II	3rd	8	26. 6. 2023	8
26.	Pharmacognosy II	3rd	4	30. 6. 2023	9

<i>No. Course</i>	<i>Year</i>	<i>ECTS</i>	<i>Date</i>	<i>Grade</i>
27. Biopharmaceutics with Pharmacokinetics	4th	9	6. 2. 2024	10
28. Stability of Medicinals	4th	5	7. 2. 2024	9
29. Design and Synthesis of Active Substances	4th	5	12. 2. 2024	10
30. Pharmacology	4th	5	26. 2. 2024	10
31. Pharmaceutical Biotechnology	4th	6	12. 5. 2024	10
32. Selected Methods of Pharmaceutical Analysis	4th	5	3. 6. 2024	10
33. Clinical Chemistry	4th	7	21. 6. 2024	9
34. Eutomers	4th	5	21. 6. 2024	10
35. Analysis and Control of Medicinals	4th	8	27. 6. 2024	10
36. Industrial Pharmacy	4th	5	28. 6. 2024	9
37. Practical Training	5th	30	20. 5. 2025	passed
38. Master's Thesis Defence	5th	5	12. 9. 2025	9
39. Individual Research Work for the Master's Thesis	5th	25	12. 9. 2025	10

Participation in student mobility programmes:

<i>Mobility programme</i>	<i>Host institution</i>	<i>From</i>	<i>To</i>	<i>ECTS</i>
Other traineeships	Jagiellonian University, Medical College in Kraków - Faculty of Pharmacy, Poland	8. 7. 2024	26. 7. 2024	0

Average grade:

9.56

The calculated average grade is an ordinary arithmetic mean of all numerically expressed final grades of completed and recognized examinations in the accredited study programme.

Title of graduation thesis:

Načrtovanje in sinteza novih zaviralcev encima InhA z uporabo bioinformatičnih orodij in strojnega učenja (Design and synthesis of novel InhA enzyme inhibitors using bioinformatics tools and machine learning)

4.4 Grading system and grade distribution table:

<i>Grade</i>	<i>Description</i>
10	Exceptional knowledge without or with negligible faults
9	Very good knowledge with some minor faults
8	Good knowledge with certain faults
7	Solid knowledge but with several faults
6	Knowledge only meets minimal criteria
5	Knowledge does not meet minimal criteria

A student passes the exam if he/she is graded from 6 to 10.

Study requirements may also be evaluated with grades: passed with distinction, passed or failed.

4.5 Overall classification of the qualification (if relevant): cum laude

5 Information on the function of the qualification

5.1 *Access to further study:*

Completed master's degree gives access to doctoral study depending on access requirements of respectful doctoral study programme.

5.2 *Access to employment:*

Integrated master's study programme Pharmacy is designed as a 5-year, a 10-semester programme which enables the candidate to start their job as a pharmacist and obtains a professional title master of pharmacy who is capable of performing a job in pharmacy, pharmaceutical industry, clinical-biochemical laboratory, control-analytical laboratory and with any pharmaceutical representative offices and is also capable of performing a job with any national scientific health institutions.

6 Additional information

6.1 *Additional information:*

Certificate of commendation to the best students in each study year in the academic years 2020/2021, 2021/2022, 2022/2023 and 2023/2024 awarded by the University of Ljubljana, Faculty of Pharmacy.

Certificate of recognition of the University of Ljubljana, Faculty of Pharmacy for ongoing academic progress and completed academic obligations of all years with an average grade of 9.00 or higher.

Tutor at the subject Organic Chemistry in the academic year 2024/2025.

6.2 *Further information sources:*

University of Ljubljana
Faculty of Pharmacy
Aškerčeva cesta 7
SI-1000 Ljubljana
Phone: +386 1 476 95 00
E-mail: referat@ffa.uni-lj.si
<https://www.ffa.uni-lj.si>

University of Ljubljana
Kongresni trg 12
SI-1000 Ljubljana
Phone: +386 1 241 85 00
E-mail: rektorat@uni-lj.si
<https://www.uni-lj.si>

Ministry of Higher Education,
Science and Innovation
ENIC – NARIC Center
Kotnikova ulica 38
SI-1000 Ljubljana
Phone: +386 1 478 47 45
E-mail: enic-naric@gov.si
<http://www.mvzi.gov.si/>
<https://www.nok.si>

7 Certification of the supplement

7.1 *Date:* 12 November 2025

7.2 *Signature:* prof. dr. Rok Dreu

7.3 *Official capacity:* Dean

#PODPIS1#

7.4 *Official stamp or seal:*

8 Information on the higher education system in the Republic of Slovenia

Higher education in Slovenia is regulated by the Higher Education Act (Uradni list RS, No. 32/12 – official consolidated text, 40/12 – ZUJF, 57/12 – ZPCP-2D, 109/12, 85/14, 75/16, 61/17 – ZUPŠ, 65/17, 175/20 – ZIUOPDVE, 57/21 – odl. US, 54/22 – ZUPŠ-1 and 100/22 – ZSZUN) and by the Professional Titles and Academic Titles in Science and Art Act (Uradni list RS, No. 100/22 and 16/23). A description of the higher education system is also available at <http://www.prilogakdiplomi.si>.

Higher education is set in accordance with the Bologna Declaration. The first cycle study programmes are academic and professional study programmes; they last three to four years and consist of 180 to 240 credits (ECTS). The second cycle study programmes are master's study programmes. They consist of between 60 and 120 credits and last one or two years. The second cycle study programmes also include long-cycle master's study programmes, which last five to six years and consist of 300 to 360 credits (ECTS). Doctoral study programmes are third cycle programs; they last three to four years and consist of 180 to 240 credits (ECTS).

Graduates acquire a diploma of a certain cycle and a professional or scientific title:

- First cycle: diplomirani/a ... (UN) or diplomirani/a ... (VS);
- Second cycle: magister/magistrica ..., magister/magistrica inženir/ka ..., magister/magistrica profesor/profesorica ..., magister/magistrica akademski/a ..., except for graduates of medicine, dental medicine, pharmacy and veterinary: doktor/ica medicine, doktor/ica dentalne medicine, magister/ra farmacije, doktor/ica veterinarske medicine;
- Third cycle: doktor/ica znanosti, doktor/ica umetnosti.

A component of a professional title and academic title in science and art is also its name in English language and is as follows:

- professional study programmes of first cycle: Bachelor of Applied Science, Bachelor of Applied Arts;
- academic study programmes of first cycle: Bachelor of Science, Bachelor of Arts;
- second cycle: Master of Science, Master of Arts, except for graduates of dental medicine, pharmacy, medicine and veterinary: Doctor of Dental Medicine, Master of Pharmacy, Doctor of Medicine, Doctor of Veterinary Medicine;
- third cycle: Doctor of Philosophy, Doctor of Arts.

The name of a professional title in English can, in accordance with Article 18a of the Professional Titles and Academic Titles in Science and Art Act (Uradni list RS, No. 100/22 and 16/23), differ from the above rule if a higher education institution demonstrates that it is necessary for obtaining international comparability within the European Higher Education Area.

The access requirement for academic and single cycle master's study programmes is a matura examination, a final examination prior to 1 June 1995, or a vocational matura examination plus an additional examination in one general matura subject. The access requirement for higher professional study programmes is a matura examination, a vocational matura examination or a final examination from a four-year secondary school or equivalent programme. The general access requirement for a master's study programme is the completion of a first cycle study programme. The general access requirement for doctoral study programmes is the completion of a second cycle study programme, or a former academic study programme, gaining a diploma in academic higher education (acquired after 1994 but before 30 September 2016). Upon achieving specific requirements, transfers between study programmes of the same cycle, as well as between short-cycle higher education and first-cycle study programmes, are possible.

Higher education institutions are either public or private. They are universities and their members, faculties, art academies and professional colleges. All institutions, except professional colleges, may provide first, second and third cycle study programmes. Professional colleges may provide, as

a rule, first-cycle professional study programmes, but also second-cycle programmes if they meet certain special requirements.

A higher education institution must be accredited and their study programmes must also be accredited. Accreditation, its extension and external evaluation of higher education institutions and study programmes are in the jurisdiction of the Slovenian Quality Assurance Agency for Higher Education (<https://www.nakvis.si/?lang=en>).

The Slovenian Qualifications Framework Act (Uradni list RS, No. 104/15) established a unified system and classification of qualifications acquired by education and which are organised into certain levels. Levels in the Slovenian Qualifications Framework (SQF) are put into the European Qualifications Framework (EQF) and into the European Higher Education Qualifications Framework (QF-EHEA). Qualifications in the SQF, EQF and QF-EHEA are classified as presented in the following table.

<i>Qualifications</i>	<i>SQF level</i>	<i>EQF level</i>	<i>QF-EHEA level</i>
Diploma prve stopnje (VS) (Professional bachelor's degree)	7	6	First cycle
Diploma prve stopnje (UN) (Academic bachelor's degree)			
Diploma druge stopnje (Master's degree and long-cycle master's degree)	8	7	Second cycle
Diploma tretje stopnje (Science and Arts Doctorate)	10	8	Third cycle

STRUCTURE OF THE EDUCATION SYSTEM IN THE REPUBLIC OF SLOVENIA

