



University of Maribor

Faculty of Health Sciences
Faculty of Electrical Engineering
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THE 2ND-CYCLE INTERDISCIPLINARY STUDY PROGRAMME IN BIOINFORMATICS

Location: full-time mode in the **2025/26 academic year:**
Faculty of Health Sciences, Maribor – Faculty's headquarters;
Duration: 2 years, 120 ECTS

Access requirements:

Candidates who completed the following may apply for the 2nd-cycle (master's) study programme in *Bioinformatics*:

1. A 1st-cycle (bachelor's) study programme in one of the following fields: health (091), natural sciences, mathematics and statistics (05), Information and Communication Technologies (ICTs) (061), or engineering and engineering trades (071).
2. A 1st cycle (bachelor's) study programme in one of the following fields: social and behavioural sciences (031), humanities (022), or welfare (092).
Prior to enrolment, candidates shall pass the following courses corresponding to 14 ECTS credits under the 1st-cycle (bachelor's) study programme, a supplementary study programme, or by taking bridging exams: *Computer Systems Basics* (5 ECTS), *Biophysics*, *Biochemistry* (3 ECTS), *Programming II* (6 ECTS).
3. An undergraduate professional study programme adopted prior to 11 June 2004 in one of the following fields: health (091), natural sciences, mathematics and statistics (05), Information and Communication Technologies (ICTs) (061), or engineering and engineering trades (071).
4. An undergraduate professional study programme adopted prior to 11 June 2004 in one of the following fields: social and behavioural sciences (031), humanities (022), or welfare (092).
Prior to enrolment, candidates shall pass the following courses corresponding to 14 ECTS credits under the 1st-cycle (bachelor's) study programme, a supplementary study programme, or by taking bridging exams: *Computer Systems Basics* (5 ECTS), *Biophysics*, *Biochemistry* (3 ECTS), *Programming II* (6 ECTS).
5. An undergraduate academic study programme adopted prior to 11 June 2004 in one of the following fields: health (091), natural sciences, mathematics and statistics (05), Information and Communication Technologies (ICTs) (061), or engineering and engineering trades (071).
Candidates are typically awarded 60 ECTS credits and may enrol in the second year of study provided they satisfy the transfer criteria laid down in the accredited study programme.
6. An undergraduate academic study programme adopted prior to 11 June 2004 in one of the following fields: social and behavioural sciences (031), humanities (022), or welfare (092).
Candidates are awarded 30 ECTS credits and may enrol in the corresponding year of study.
7. A specialisation following an undergraduate professional study programme adopted prior to 11 June 2004 in one of the following fields: health (091), natural sciences, mathematics and statistics (05), Information and Communication Technologies (ICTs) (061), or engineering and engineering trades (071).
Candidates are typically awarded 60 ECTS credits and may enrol in the second year of study provided they satisfy the transfer criteria laid down in the accredited study programme.
8. A specialisation following an undergraduate professional study programme adopted prior to 11 June 2004 in one of the following fields: social and behavioural sciences (031), humanities (022), or welfare (092).
Candidates are awarded 30 ECTS credits and may enrol in the corresponding year of study.

In the 2025/2026 academic year, the Faculty of Health Sciences shall not implement the second year of study. For this reason, candidates who completed an undergraduate academic study programme adopted prior to 11 June 2004 or a specialisation following an undergraduate professional study programme adopted prior to 11 June 2004 cannot apply.

Selection criteria in the event of limited enrolment:

If the number of applications exceeds the number of available enrolment places, candidates shall be ranked according to:

- grade point average excluding the thesis (100%).

Mode of study: full-time

Transfer criteria:

Candidates may transfer between study programmes in accordance with the Higher Education Act, Criteria for Transferring Between Study Programmes and other rules.

Candidates may transfer to the study programme provided they fulfil the following criteria:

- criteria for enrolment in the first year of the 2nd-cycle study programme in *Bioinformatics*;
- they are transferring from a study programme leading to the acquisition of comparable competences or learning outcomes;
- at least half of the study obligations evaluated according to the ECTS credit system of the previous study programme relating to compulsory courses of the new study programme are recognised.

In accordance with the Criteria for Transferring Between Study Programmes, candidates may enrol:

- in the second year of the 2nd-cycle (master's) study programme in *Bioinformatics* if they have ceased their studies in the previous study programme in the field of health (091), natural sciences, mathematics and statistics (05), Information and Communication Technologies (ICTs) (061), engineering and engineering trades (071), social and behavioural sciences (031), humanities (022), or welfare (092) and will continue them under this study programme at the same level.

The transfer shall be addressed by the Committee for Academic Affairs of the Faculty of Health Sciences. If under the recognition procedure enough fulfilled study obligations is recognized that the candidate meets the criteria for enrolment in the second year of the 2nd-cycle (master's) study programme in *Bioinformatics*, enrolment in the second year is approved and study obligations required for completion of the new study programme are laid down. In accordance with the Rules on the Recognition of Knowledge and Skills in Study Programmes of the University of Maribor, the candidate shall submit to the faculty:

- an application for the recognition of knowledge and skills at the University of Maribor;
- proof of fulfilled study obligations (exams, final work) including grades and ECTS credits;
- validated course syllabi according to which knowledge was acquired;
- a receipt of payment for the recognition procedure.

Number of available enrolment places: The number of available enrolment places is published in tables that represent an integral part of the Call.