

Implementing provisions of the General study regulation (IP-GStudR)

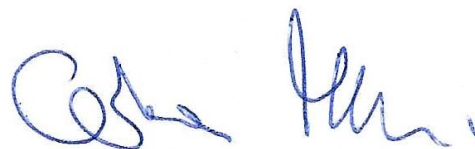
Bachelor of Science in Mathematics (English)

By resolution of the Rectorate*, the following implementing provisions of the GStudR apply as of 01.02.2026.

Brig, 07.10.2025



Prof. Dr. Nicolas Rothen
Rector



Prof. Dr. Corinna Martarelli
Vice-Rector for Teaching

*former Executive Board

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1 Scope of studies for Master's degree programmes

In accordance with Art. 8b, Para. 1 GStudR

Point 1 does not apply because these implementing provisions refer to a Bachelor's degree programme.

2 List of modules

In accordance with Art. 8a, Para. 2 GStudR

- Module 01: Algorithmics, 10 ECTS
- Module 02: Statistics and Discrete Structures, 10 ECTS
- Module 03: Analysis I, 10 ECTS
- Module 04: Linear Algebra I, 10 ECTS
- Module 05: Analysis II, 10 ECTS
- Module 06: Linear Algebra II, 10 ECTS
- Module 07: Analysis III, 10 ECTS
- Module 08: Probability, 10 ECTS
- Module 09: Introduction to Numerics, 10 ECTS
- Module 10: Mathematical Modelling, 10 ECTS
- Module 11: Algebra, 10 ECTS
- Module 12: Theory and Numerics of ODEs, 10 ECTS
- Module 13: Differential Geometry, 10 ECTS
- Module 14: Number Theory, 10 ECTS
- Module 15: Functional Analysis, 10 ECTS
- Module 16: Optimization and Machine Learning, 10 ECTS
- Module 17: Theory and Numerics of PDEs, 10 ECTS
- Module 18: Seminar on special topics, 10 ECTS
- Module 19: Elective Module from another Faculty, 10 ECTS
- Module 20: Bachelor Thesis (integrated Seminar), 10 ECTS

The bachelor's programme is structured into compulsory and elective modules. Compulsory modules must be completed by all students in the respective degree programme. For elective modules, students must choose from a certain number of modules.

- Compulsory modules (150 ECTS):
 - o Module 01: Algorithmics, 10 ECTS
 - o Module 02: Statistics and Discrete Structures, 10 ECTS
 - o Module 03: Analysis I, 10 ECTS
 - o Module 04: Linear Algebra I, 10 ECTS
 - o Module 05: Analysis II, 10 ECTS
 - o Module 06: Linear Algebra II, 10 ECTS
 - o Module 07: Analysis III, 10 ECTS
 - o Module 08: Probability, 10 ECTS
 - o Module 09: Introduction to Numerics, 10 ECTS
 - o Module 11: Algebra, 10 ECTS
 - o Module 12: Theory and Numerics of ODEs, 10 ECTS

- Module 15: Functional Analysis, 10 ECTS
- Module 17: Theory and Numerics of PDEs, 10 ECTS
- Module 18: Seminar on special topics, 10 ECTS
- Module 20: Bachelor Thesis, 10 ECTS
- Elective modules (30 ECTS - students choose 3 out of 5):
 - Module 10: Mathematical Modelling, 10 ECTS
 - Module 13: Differential Geometry, 10 ECTS
 - Module 14: Number Theory, 10 ECTS
 - Module 16: Optimization and Machine Learning, 10 ECTS
 - Module 19: Elective Module from another Faculty, 10 ECTS

3 Regular studies

In accordance with Art. 8, Para. 2 GStudR

In the first part of the Bachelor's programme, modules M01-M04 must be taken. Modules M01 and M02 must be completed during the first semester. Modules M03 and M04 must be completed during the second semester. The modules in the second part can be taken in a free order based on the modules offered and the chosen start date (see point 6). In all cases, the specific requirements of the modules must be met. Module M20 must be completed during the last two semesters of study.

Transitional provisions:

Students who have obtained 20 ECTS credits or fewer by the end of the Spring semester 2024 follow the new study plan. Students who have obtained 120 ECTS credits by the end of the Spring semester 2024 are not affected by the new study plan. They follow the old study plan without elective modules choices. For students with ECTS credits between these thresholds, individualized solutions shall be determined in accordance with the Programme Director, the teaching teams and the Student Services. Particular consideration will be given to the number of ECTS credits acquired and the overall duration of the studies.

4 Organizational division of the study programme in Bachelor's degree programmes

In accordance with Art. 8a, Para. 3 GStudR

The first part includes modules M01-M04 and the second part includes modules M05-M20 (please refer to point 2).

5 Major-/ minor programmes

In accordance with Art. 8, Para. 4 GStudR

No major/minor programmes are currently provided.

6 Module Implementation

In accordance with Art. 9 GStudR

Modules M01, M02, M03, M04, M18 are offered every semester.

Modules M05, M07, M08, M09, M14, M15, M16 are only offered in the autumn semester.

Modules M06, M10, M11, M12, M13, M17 are only offered in the spring semester.

Module M19 takes place in the semester defined by the study programme to which it belongs.

Module M20 (Bachelor Thesis) is taken during the last two semesters and can be started in either the spring or autumn semester.

7 Bilingual Studies

In accordance with Art. 11, Para. 4 GStudR

The language of instruction for the Bachelor of Science in Mathematics is English.

Module M19 is conducted in the language of the respective study programme.

There is no possibility of obtaining the Bachelor in Mathematics with a "bilingual" designation or of taking the course in multiple languages.

8 Classes/Lectures

In accordance with Art. 14, Para. 4 GStudR

In principle, five Saturdays per semester are dedicated to synchronous lectures. Their duration is usually 3 hours but may vary depending on the modules. Information is provided in advance by the teaching team.

In some modules, specific synchronous group sessions may take place. Information is provided in advance by the teaching team.

9 Assessments

In accordance with Art. 15, Para. 2 GStudR

Admissible forms of examination can be (but are not limited to):

- a. Written exam
- b. Oral exam
- c. Written work
- d. Quizzes
- e. Presentation

The language of the exam is English. There is no right to a German or French version of an exam.

10 Special academic assignments and remedial work for special academic assignments

In accordance with Art. 16, Para. 2 and 3 GStudR

General

During their studies, students must pass module M18 Seminar on special topics as well as module M20 Bachelor Thesis.

To participate in the modules and pass them, students must be enrolled and registered for the corresponding semester at the time of submitting their work.

Seminar - Module M18 Seminar on special topics

Module M18 includes the treatment of a mathematical subject, a presentation on it, and the submission of a written work.

Late seminar papers will not be considered.

The programme director establishes guidelines with details of the seminar. The Student Services make them available on the Moodle platform.

When a seminar paper is judged unsatisfactory by the responsible lecturer, it must be repeated and completed in the following semester. The revision of an unsatisfactory seminar paper is excluded.

Bachelor's Thesis

Through the Module M20 (Bachelor Thesis), students demonstrate their ability to independently handle and present a mathematical problem in written form. Module M20 may be completed during the final two semesters of the program, with

the earliest possible start in the second-to-last semester. To officially commence the Bachelor's thesis, students must complete and submit the formal registration form available on the dedicated Moodle module. The submission date of this form establishes the official start date of the thesis work. Once the formal registration form is submitted, students have a maximum of 180 calendar days to complete and submit their Bachelor's thesis, regardless of which semester(s) the work spans.

Module M20 requires either prior completion of M18 - Seminar on special topics or concurrent enrollment in M18 during the thesis writing period.

Students must maintain enrollment at UniDistance Suisse throughout the entire writing and submission period. Late submissions will only be accepted under exceptional circumstances and require formal approval from the programme director.

The programme director establishes guidelines with details of the Bachelor's thesis. The Student Services make them available on the Moodle platform.

When the Bachelor's thesis is judged unsatisfactory by the responsible adviser, he or she must communicate their evaluation to the student in writing and explain the reasons for the failure.

The adviser may, in the case of an unsatisfactory Bachelor's thesis, grant the student the possibility of revising their work. The student has no subjective right to revision.

In the event of a revision of the Bachelor's thesis, the student will be granted a period of 30 days to make improvements. This period starts from the day the decision, with justification, to reject the thesis is received.

Revisions of a Bachelor's thesis that has already been revised previously are not permitted.

If the Bachelor's thesis is still considered insufficient after a revision, the entire module may be repeated once and a new Bachelor's thesis may be submitted. The final result obtained in this case is definitive.

11 Non-transferable study credits

In accordance with Art. 25, Para. 4 GStudR

There is no possibility of equivalence for modules M18 and M20. Credits for specific study achievements must be obtained within the framework of the Bachelor of Science in Mathematics programme at UniDistance Suisse.

12 Options for Compensation in Master's degree programmes

In accordance with Art. 27, Para. 1 No. 3 GStudR

Point 12 does not apply because these implementing provisions refer to a Bachelor's degree programme.

13 Master's degree completion

In accordance with Art. 27, Para. 2 GStudR

Point 13 does not apply because these implementing provisions refer to a Bachelor's degree programme.