

Teaching and Examination Regulations

Faculty of Science

Bachelor's programme in Mathematics

Academic year 2026-2027

A. Faculty section

B1. Programme-specific section – general provisions

B2. Programme-specific section – content of programme

Table of Contents

Section A: Faculty section	4
1. <i>General provisions</i>	4
Article 1.1 Applicability of the Regulations	4
Article 1.2 Definitions	4
2. <i>Study programme structure</i>	5
Article 2.1 Structure of academic year and units of education	5
Article 2.2 Setup of programme	6
3. <i>Assessment and examination</i>	6
Article 3.1 Signing up for education and examinations	6
Article 3.2 Type of examination	6
Article 3.3 Oral examinations	6
Article 3.4 Determining and announcing results	6
Article 3.5 Examination opportunities	7
Article 3.6 Marks	7
Article 3.7 Exemption	8
Article 3.8 Validity period for results	8
Article 3.9 Right of inspection	8
4. <i>Honours programme</i>	8
Article 4.1 Honours programme	8
5. <i>Academic student counselling, recommendation on continuation of studies and study progress</i>	9
Article 5.1 Administration of study progress and academic student counselling	9
Article 5.2 Recommendation on continuation of studies	9
Article 5.3 Binding (negative) recommendation on continuation of studies (BSA)	9
Article 5.4 Personal circumstances	10
Article 5.5 Facilities for students with a disability or impairment	10
6. <i>Hardship clause</i>	11
Article 6.1 Hardship clause	11
Section B1: Programme-specific section	12
7. <i>General programme information and characteristics</i>	12
Article 7.1 Study programme information	12
Article 7.2 Teaching formats used and modes of assessment	12
Article 7.3 Academic student counselling	12
8. <i>Further admission requirements</i>	12
Article 8.1 Additional previous education requirements	12
Article 8.2 Entrance examination	13
9. <i>Examinations and results</i>	13
Article 9.1 Sequence of examinations	13
Article 9.2 Validity period for results	14
Section B2: Programme-specific section – content of programme	15
10. <i>Programme objectives, specialisations, intended learning outcomes and language</i>	15
Article 10.1 Programme objective	15
Article 10.2 Specialisations	15
Article 10.3 Intended learning outcomes	15
Article 10.4 Language of instruction and language test	16
11. <i>Curriculum structure</i>	16
Article 11.1 Academic development	16
Article 11.2 Major	16
Article 11.3 Compulsory units of education of the specialisation	16
Article 11.4 Elective units of education of the specialisation	17
Article 11.5 Practical exercise	18
Article 11.6 Participation in practical exercises and tutorials	18
12. <i>Electives</i>	18
Article 12.1 Electives	18
Article 12.2 Minors	19
13. <i>Honours programme</i>	19
Article 13.1 Honours components	19

14. <i>Binding recommendation on continuation of studies (BSA)</i>	20
Article 14.1 Binding (negative) recommendation	20
15. <i>Evaluation and transitional provisions</i>	20
Article 15.1 Evaluation of the programme	20
Article 15.2 Transitional provisions	20
Appendix I Overview of articles that must be included in the Teaching and Examination Regulations:	23
Appendix II Overview of advisory and approval rights of Programme Committees (OLC) and Faculty Joint Assembly (FGV)	25
Appendix III Ordinances of VU Executive Board (CvB) and Guidelines in the model Bachelor's TER	26
Appendix IV Article 2.1 of the Higher Education and Research (Implementation) Act	28
Appendix V: Minors	29
1. <i>Minors of the Faculty of Science</i>	29
Article 1.1 Bèta-minors	29

Section A: Faculty section

1. General provisions

Article 1.1 Applicability of the Regulations

1. These Regulations apply to anyone enrolled in the programme, irrespective of the academic year in which the student was first enrolled in the programme.	Advice OLC, approval FGV (9.38 sub b)
2. These Regulations enter into force on 1 September 2026.	Advice OLC, approval FGV (9.38 sub b)
3. An amendment to the Teaching and Examination Regulations is only permitted to concern an academic year already in progress if this does not demonstrably damage the interests of students.	Advice OLC, approval FGV (9.38 sub b)
4. In certain cases, students may appeal against decisions made on the basis of the Teaching and Examination Regulations, for example decisions made by an examiner, examination board, BSA committee, or admission committee. Whether an appeal can be considered depends on the type of the decision and by whom the decision was made. More information about legal protection can be found in the Student Charter and on the website Complaints, appeals, and objections - Vrije Universiteit Amsterdam.	Ordinance CvB, see Appendix III

Article 1.2 Definitions

The following definitions are used in these Regulations (*in alphabetical order*):

- a. academic year: the period beginning on 1 September and ending on 31 August of the following calendar year;
- b. EC (European Credit): a course credit with a workload of 28 hours of study;
- c. examination: an assessment of the student's knowledge, understanding and skills relating to a unit of education. The assessment is expressed in terms of a final mark. An examination may consist of one or more partial examinations. A resit always covers the same material as the original examination. An examination can be completed in writing, orally or in another way;
- d. final examination: a Bachelor's examination;
- e. final project: a unit comprising research into the literature and/or a contribution to scientific research, always resulting in a written report;
- f. internship: period spent working in professional practice as part of a study programme;
- g.1 joint degree: a degree awarded by an institution together with one or more institutions in the Netherlands or abroad, after the student has completed a study programme (a degree programme, a specialisation or a specific curriculum within a degree programme) for which the collaborating institutions are jointly responsible;
- g.2 double degree: partnership between a program of a Dutch educational institution with a foreign educational institution, whereby students complete all or part of both study programmes and obtain two diplomas on the basis of agreements regarding the mutual recognition of the programme (replacement courses);
- h. minor: a set of thematically related units of education totalling 30 credits. Students choose a minor in order to broaden and/or deepen their studies (within the scope for electives) during the Bachelor's programme;
- i. period: a part of a semester;

j. practical exercise:	participation in a practical training activity or other educational learning activity, aimed at acquiring certain (academic) skills. Examples of practical exercises are: ○ researching and writing a thesis or dissertation ○ carrying out a research assignment ○ taking part in fieldwork or an excursion ○ taking part in another educational learning activity aimed at acquiring specific skills, or ○ participating in and completing a work placement;
k. programme:	the totality and cohesion of the units of education, teaching activities/methods, contact hours, testing and examination methods and recommended literature;
l. SAP/SLM:	the student information system (<i>Student Lifecycle Management</i>);
m. semester:	the first (September - January) or second half (February - August) of an academic year;
n. specialisation:	optional route of study within a degree programme indicating a deepening of the context of the programme (e.g. interdisciplinary or multidisciplinary);
o. student statute:	sets out the rights and responsibilities of students on the one hand, and of Vrije Universiteit Amsterdam on the other hand, including those derived from the law and those derived from university regulations. The Executive Board (CvB) officially confirms the student statute once its completeness has been approved by the University Student Council (USC);
p. student:	the person enrolled, requesting enrollment or who has been enrolled in a course or program at the Vrije Universiteit;
q. study guide:	the guide for the study programme that provides further details of the courses, provisions and other information specific to that programme. The study guide is available online at https://www.vu.nl/studiegids ;
r. study monitor:	dashboard for students and academic advisers containing data pertaining to the student, including the student's study progress;
s. subject:	see u. 'unit of education';
t. track:	a study pathway within a program, of which the workload and the qualities in terms of knowledge, insight and skills that the student must have acquired by the end of the program are equal to those of the program-
u. unit of education:	a unit of study of the programme within the meaning of the WHW;
v. university:	Vrije Universiteit Amsterdam;
w. WHW:	the Dutch Higher Education and Research Act (Wet op het Hoger Onderwijs en Wetenschappelijk Onderzoek (WHW)).
x. workload:	the workload of the unit of education to which an examination applies, expressed in terms of credits = EC credits (ECTS = European Credit and Transfer Accumulation System). The workload for 1 year (1,680 hours) is 60 EC credits.

The other terms have the meanings ascribed to them by the WHW.

2. Study programme structure

Article 2.1 Structure of academic year and units of education

1. The study programme will be offered in a year divided into two semesters.	Ordinance CvB, see Appendix III
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2. Every semester consists of three consecutive periods. The first two periods each consist of eight weeks, and the final period consists of four weeks.	Ordinance CvB, see Appendix III
3. A unit of education comprises 6 ECs or a multiple thereof.	Ordinance CvB, see Appendix III
4. By way of exception to paragraph 3, the Executive Board may in special cases and on request of the Faculty Board, stipulate that a unit of education comprises 3 EC or a multiple thereof.	Ordinance CvB, see Appendix III

Article 2.2 Setup of programme

1. All Bachelor's programmes consist of at least the following components: a. An academic core or academic development of at least 24 ECs b. Major/compulsory components of at least 90 ECs c. Elective components of study of at least 30 ECs	Ordinance CvB, see Appendix III
2. In the first year of the programme, the programme will offer at least fourteen contact hours a week.	Ordinance CvB, see Appendix III
3. In the second and third years of the programme, the programme will offer at least twelve contact hours a week.	Ordinance CvB, see Appendix III
4. Internationalisation is included as part of the Bachelor's programme and reflected in one or more units of education.	Ordinance CvB, see Appendix III

3. Assessment and examination

Article 3.1 Signing up for education and examinations

1. Every student must sign up to participate in the units of education of the programme, the examinations and resits. The procedure for signing up is described in Regulations for registering for courses and examinations.	Ordinance CvB, see Appendix III
2. Signing up may only take place in the designated periods.	Ordinance CvB, see Appendix III

Article 3.2 Type of examination

1. At the examiner's request, the Examination Board may permit a different form of examination than is stipulated in the study guide.	Advice OLC, Approval FGV (7.13 l)
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Article 3.3 Oral examinations

1. No more than one student will be examined orally at a time, unless specified otherwise in part B for the relevant unit of education.	Advice OLC; approval FGV (7.13 l and n)
2. A second examiner is present when an oral examination is being held, unless the Examination Board has determined otherwise. The oral examination takes place at a time and location to be determined by the examiner within the regular timetable, on campus or online. At the request of the student, and with the approval of the examiners, an audio recording can be made. Should the second examiner not be available unexpectedly, an audio recording of the oral exam is made. This audio recording is retained by the university for the retention period applicable for examinations.	Advice OLC; approval FGV (7.13 l and n)

Article 3.4 Determining and announcing results

1. The examiner determines the result of a written examination within fifteen working days. However, the marking deadline for final projects is no longer than twenty working days after submission. The examiner will then immediately ensure that the	Ordinance CvB, see Appendix III
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marks are registered and also ensures that the student is immediately notified of the mark, taking due account of the applicable confidentiality standards.	
2. The examiner determines the result (i.e. mark) of an oral examination as soon as possible, but at the latest within two working days after the examination has finished and informs the student accordingly. The third clause of the first paragraph applies.	Advice OLC; approval FGV (7.13 o)
3. In the case of assessments other than oral or written examinations, the Examination Board determines in advance how and by what deadline the student will be informed of the results.	Advice OLC; approval FGV (7.13 o)

Article 3.5 Examination opportunities

1. a. Per academic year, two opportunities to take examinations will be offered for each unit of education. b. By way of exception to a., the options for retaking practical exercises, work placements and final projects are detailed in the relevant work placement manual, course manual or teaching regulations.	Ordinance CvB, see Appendix III
2. The most recent mark will apply in the event of a resit. A resit is allowed for both passed and failed units of education.	Ordinance CvB, see Appendix III
3. The resit for an (partial)examination may not take place within ten working days of the announcement of the results for the original (partial)examination. Exceptions are only possible in period 6.	Advice OLC; approval FGV (7.13 j)
4. The Examination Board may allow a student an extra opportunity to sit an examination if that student: a) has completed all but one units of education to meet the requirements of the degree and b) has failed the examination during all the previously offered attempts unless participation in an examination was not possible for compelling reasons. This provision excludes the practical exercises and the final project. Requests for an additional examination opportunity must be submitted to the Examination Board no later than 15 July. If necessary, the method of examination may deviate from the provisions in the study guide.	Ordinance CvB, see Appendix III
5. If a unit of education is no longer offered, at least one additional opportunity will subsequently be provided to sit the examination(s) or parts thereof and a transitional arrangement will be included in Section B.	Advice OLC, approval FGV (7.13 j)

Article 3.6 Marks

1. (Partial)grades are given on a scale from 1 to 10 with no more than one figure after the decimal point.	Ordinance CvB, see Appendix III
2. A final mark between 5 and 6 will be rounded to the nearest whole number: final marks below 5,50, rounded down; final marks of 5,50 or higher, rounded up. All other final marks will be expressed in whole or half marks.	Ordinance CvB, see Appendix III
3. To pass a given course or unit, a final mark of 6 or higher is required.	Ordinance CvB, see Appendix III
4. The Examination Board can allow the use of symbols rather than numbers.	Ordinance CvB, see Appendix III

Article 3.7 Exemption

1. At the written request of the student, the Examination Board may exempt the student from taking one or more examination components, if they: have either passed a unit of education at a university of applied sciences (HBO) or research university (WO) that is equivalent in terms of content and level; or have demonstrated through their work and/or professional experience that they have sufficient knowledge and skills with regard to the relevant unit of education.	Advice OLC; approval FGV (7.13 r)
2. The Bachelor's thesis is excluded from the possibility of exemption.	Advice OLC; approval FGV (9.38 sub b)

Article 3.8 Validity period for results

1. The validity period of examinations passed and exemption from examinations is unlimited, unless otherwise specified in Section B.	Legal provision
2. The validity period of a partial examination is limited to the academic year in which it was sat or until the end of the unit of study concerned, as stipulated for the relevant unit of study in Section B. In exceptional circumstances, an examiner may deviate from this; this must be stated on Canvas at the start of the unit of education.	Advice OLC; approval FGV (9.38 sub b)

Article 3.9 Right of inspection

1. Within twenty working days after the announcement of the results of a written examination, but at least ten working days before the resit opportunity for that examination, the student has the right to inspect their graded examination.	Advice OLC; approval FGV (7.13 p and q)
2. Students can view the questions and assignments set in the written examination, and the standards applied when assessing the examination, within the period specified in 3.9.1.	Advice OLC; approval FGV (7.13 q)
3. The examiner determines whether the inspection takes place collectively or individually. In all cases, the time and place of the inspection is announced in the course manual or learning environment.	Advice OLC; approval FGV (7.13 q)
4. Students are entitled to feedback on their academic performance. The manner in which this is provided in each unit of education is described in the course manual.	Advice OLC; approval FGV (7.13 p and q)

4. Honours programme**Article 4.1 Honours programme**

1. The Faculty of Science offers an honours programme for students who meet the admission requirements and who started their bachelor programme before 2025. The honours programme consists of units of education taken in addition to the standard curriculum.	Ordinance CvB, see Appendix III
2. The honours programme comprises 30 EC, a minimum of 12 EC of which consist of faculty or programme honours components and a minimum of another 12 EC consist of interfaculty honours components. The choices available to the student will be published on the website (www.vu.nl).	Ordinance CvB, see Appendix III
3. For admission to the honours programme, the student must have secured all credits from the first year by no later than 31 August of the relevant year, and have been awarded a weighted average mark of at least a 7.5.	Ordinance CvB, see Appendix III
4. Students who have met the requirements of the regular Bachelor's programme within the nominal duration of study, who have achieved a weighted average of at	Ordinance CvB, see Appendix III

least 7.5 for all components of the Bachelor's programme (excluding the honours components) and who have also met the requirements of the honours programme will receive a Bachelor diploma with a transcript indicating that they have successfully completed the honours programme.	
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5. Academic student counselling, recommendation on continuation of studies and study progress

Article 5.1 Administration of study progress and academic student counselling

1. The faculty board is responsible for the correct registration of the students' study results. After the assessment of a unit of education has been registered, every student has the right to inspect the result for that component and also has a list of the results achieved at their disposal in VU.nl Dashboard.	Advice OLC; approval FGV (7.13 u)
2. Enrolled students are eligible for academic student counselling. Academic student counselling is provided by a. The Student Counsellor b. Student psychologists c. Faculty academic advisers	Advice OLC; approval FGV (7.13 u)

Article 5.2 Recommendation on continuation of studies

1. The faculty board will issue every student on a full-time Bachelor's programme with a recommendation on continuation of their studies, at the end of the first year of study. The recommendation on continuation of studies is issued on behalf of the faculty board by the faculty BSA committee.	Ordinance CvB, see Appendix III
2. Prior to 1 February, the student will receive an overview of their results.	Ordinance CvB, see Appendix III
3. Students who have not completed enough credits, will receive a warning stating that if insufficient improvement in their performance is forthcoming by the end of the academic year, they will receive a negative advice regarding the continuation of their studies. These students will also be advised to plan a meeting with an academic adviser.	Advice OLC (7.13 f)
4. If the recommendation at the end of the academic year is negative, the provisions of Article 5.3 apply.	Advice OLC (7.13 f)
5. A recommendation will not be issued if the student terminates their enrolment before 1 February of their first academic year.	Advice OLC (7.13 f)

Article 5.3 Binding (negative) recommendation on continuation of studies (BSA)

1. The recommendation issued at the end of the academic year will contain a binding rejection if the student has not achieved the standard required for a positive recommendation on continuation of studies. A recommendation on continuation of studies will not be issued if the student demonstrates that they have not been able to meet the standard due to personal circumstances as described in Article 2.1 of the Higher Education and Research (Implementation) Act (Uitvoeringsbesluit WHW). The standard is defined in Section B.	Ordinance CvB, see Appendix III
2. As soon as possible after the last results of the second semester of the first year, a student who has not met the standard will be informed that the faculty board intends to issue them with negative binding recommendation on continuation of studies. The same procedure applies in the next year of enrolment if the student was permitted to continue with their study programme as a result of personal circumstances and has still not successfully met all of the requirements of the first year of study by that time. No recommendation will be issued to students if they	Ordinance CvB, see Appendix III

demonstrate that they once again did not meet the standard as a consequence of personal circumstances.	
3. Along with the information referred to in the previous paragraph, students will also be informed of the possibility of being heard by the BSA committee and of how they can apply for such a hearing.	Ordinance CvB, see Appendix III
4. As soon as possible (no more than ten working days) after the end of the hearing and after the BSA committee has issued its advice, the faculty board will issue the definitive recommendation on continuation of studies.	Ordinance CvB, see Appendix III
5. Students may lodge an appeal against a decision on a binding negative recommendation on continuation of studies with the Examination Appeals Board of Vrije Universiteit Amsterdam within six weeks of the day of the decision's announcement.	Ordinance CvB, see Appendix III
6. Students who receive a binding negative recommendation on continuation of studies may therefore not enrol in the same Bachelor's programme or Bachelor's programme(s) with the same first year as defined in Article 14.1.2 of section B for a period of three years.	Ordinance CvB, see Appendix III

Article 5.4 Personal circumstances

1. The faculty board will not include a rejection in the binding recommendation on the continuation of studies in the case of personal circumstances, as described in Article 2.1 of the Higher Education and Research (Implementation) Act, as a result of which the student concerned cannot have been reasonably expected to have met the BSA standard.	Advice OLC (7.13 f)
2. If a circumstance, as described in Article 2.1 of the Higher Education and Research (Implementation) Act, should occur, students must notify the academic adviser office as soon as possible, providing details of: - the period in which the circumstance occurs or occurred; - a description of the circumstance and its seriousness; - the extent to which they cannot or could not participate in instruction/classes or an examination. It is students' responsibility to submit documentary evidence to substantiate their report.	Advice OLC (7.13 f)
3. If required, the academic adviser may advise the BSA committee on the extent to which personal circumstances have influenced the student's study progress.	Advice OLC (7.13 f)

Article 5.5 Facilities for students with a disability or impairment

1. Students with a disability or impairment, can submit a request via VU.nl Dashboard to qualify for one or more special facilities with regard to teaching, practical exercises and examinations. These facilities will accommodate the student's individual disability or impairment as much as possible, but may not alter the quality or degree of difficulty of a unit of education or an examination. In all cases, the student must fulfil the intended learning outcomes for the study programme.	Advice OLC; approval FGV (7.13 m)
2. The request referred to in the first paragraph must be accompanied by a statement from a doctor or psychologist. If possible, an estimate should be given of the potential impact on the student's study progress. In case of a chronic disability a single (one time) request suffices.	Advice OLC; approval FGV (7.13 m)
3. Students who have been diagnosed with dyslexia must provide a statement from a BIG-, NIP- or NVO-registered professional who is qualified to conduct a psychological evaluation.	Advice OLC; approval FGV (7.13 m)
4. The faculty board, or the responsible person on behalf of the faculty board, decides	Advice OLC;

on teaching facilities and facilities regarding logistics. The Examination Board will decide on requests for facilities with regard to examinations.	approval FGV (7.13 m)
5. In the event of a positive decision in response to a request as referred to in paragraph 1, the student can make an appointment with the academic adviser to discuss the details of the provisions.	Advice OLC; approval FGV (7.13 m)
6. A request for one or more facilities can be refused if it would place a disproportionate burden on the organisation or the resources of the faculty or university were it upheld. Any such refusal will be substantiated.	Advice OLC; approval FGV (7.13 m)
7. If the disability or impairment justifies an extension of the examination time, the responsible person on behalf of the Examination Board will register in SAP this entitlement to an extension. If a disability or impairment justifies other measures to be taken, the academic adviser can take the necessary measures. The student can consult the study monitor to check which facilities have been granted to them.	Advice OLC; approval FGV (7.13 m)
8. The decision as referred to in paragraph 5 may specify a limited validity of the facilities granted.	Advice OLC; approval FGV (7.13 m)

6. Hardship clause

Article 6.1 Hardship clause

In instances not regulated by the Teaching and Examination Regulations or in the event of demonstrable extreme unreasonableness or unfairness, the faculty board responsible for the study programme will decide, unless the matter concerned is the responsibility of the Examination Board.	Advice OLC; approval FGV (9.38 sub b)
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Section B1: Programme-specific section

7. General programme information and characteristics

Article 7.1 Study programme information

1. The programme Mathematics RIO number 59322 is offered on a full-time and part-time basis.	Advice OLC; approval FGV (7.13 u)
1a. The part-time programme has a nominal duration of study of 6 s.	Advice OLC; approval FGV (7.13 u)

Article 7.2 Teaching formats used and modes of assessment

1. The programme uses the teaching formats as specified in the study guide.	Advice OLC; approval FGV (7.13 x)
2. The modes of assessment used per unit of education are specified in the study guide.	Advice OLC; approval FGV (7.13 l)

Article 7.3 Academic student counselling

The programme offers the following counselling in addition to the student counselling mentioned in Section A: Not applicable.	Advice OLC; approval FGV (7.13 u)
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8. Further admission requirements

Article 8.1 Additional previous education requirements

1. Applicants who meet the previous education requirements as stipulated in the current 'Regulations on Registrations and Admissions in Higher Education' ('Regeling Aanmelding en Toelating Hoger Onderwijs' (RATHO, OCW)) will gain access to the programme.	Legal provision
2. Applicants who do not meet the previous education requirements as stimulated in 'Regulations on Registrations and Admissions in Higher Education' currently in force may still be admitted to the programme by successfully completing one or more of the following exams: - VWO Mathematics B	Exception in WHW: advice OLC
3. Not applicable.	Ordinance CvB, see Appendix III
4. Sufficient command of the English language can be evidenced by successful completion of: - IELTS Academic: an overall score of at least 6.5; At the start of the program, the test must not have been taken more than two years ago. - TOEFL iBT: an overall score of at least 4.5; At the start of the program, the test must not have been taken more than two years ago. - VU English Language Proficiency Test; TOEFL ITP 580 At the start of the program, the test must not have been taken more than two years ago. - Cambridge C2 Proficiency/Certificate of Proficiency in English (CPE): an overall score of at least 180	Ordinance CvB, see Appendix III

- Cambridge C1 Advanced/Certificate Advanced English (CAE an overall score of at least 180 - LanguageCert Academic SELT: an overall score of at least 70. At the start of the program, the test must not have been taken more than two years ago. - Pearson PTE Academic: an overall score of at least 68. At the start of the program, the test must not have been taken more than two years ago. Sufficient command of the English language can also be evidenced by successful completion of: - Secondary education state exam: VWO English language and literature - A VWO diploma or equivalent diploma in which the course of English of a comparable level is required Applicants who have completed one of the following meet the English language requirement and therefore are exempted from taking an English language test: - secondary education or higher education degree (at least at EQF level 4) fully taught in English has been completed in Australia, Canada, Ireland, New Zealand, the United Kingdom or the United States of America; - a fully English-language, accredited bachelor's or master's degree (EQF level 6 or 7), or - an International Baccalaureate Degree (with English as the main language of instruction).	
5. Anyone who does not meet the requirements for previous education but who has passed the propaedeutic examination of a higher professional education programme will be admitted to the programme by successfully completing one or more of the following exams: certification demonstrating English proficiency and level of mathematics comparable to Mathematics B as taught in Dutch pre-university secondary school programmes.	Advice OLC; approval FGV (9.38 sub b)

Article 8.2 Entrance examination

1. Persons aged 21 years and older who do not meet the requirements for previous education can submit a request to the Executive Board to take an entrance examination, as stipulated in Article 7.29 of the WHW. The entrance examination concerns the following subjects at final pre-university examination level (VWO): - Mathematics B - English	Advice OLC; approval FGV (9.38 ub b)
2. The proof that the entrance examination has been passed only provides entitlement to admission to the intended programme or programmes for the academic year after the examination was taken.	Advice OLC; approval FGV (9.38 sub b)

9. Examinations and results

Article 9.1 Sequence of examinations

1. Students may participate in the examinations and/or practical exercises of the units of education below only if they have passed the examination or examinations for the following units of education: - All second-year students of Mathematics are required to take the Study and Career component of either XB_0104 Elements of Geometry or	Advice OLC; approval FGV (7.13 , 7.13 s/t)
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XB_0107 Probabilistic Forecasting for Dynamical Systems. Students can only receive the credits of XB_0104 Elements of Geometry / XB_0107 Probabilistic Forecasting for Dynamical Systems if they have passed the Study and Career component. - Students will only be admitted to X_400581 Bachelor Project Mathematics if, after the results of the interim exams in December of the current academic year have been taken into account, they have earned at least 120 of the full 180 credits of the programme.	
2. Not applicable.	Advice OLC; approval FGV (7.13 h, 7.13 s/t)

Article 9.2 Validity period for results

1. The validity period of the examinations and exemptions from examinations below is limited as follows: Not applicable (see Article 3.8)	Advice OLC; approval FGV (7.13 k)
2. A student may request the Examination Board to extend the validity of an exam. If the student's knowledge is demonstrably outdated, or if the student's skills and understanding are demonstrably outdated, the Examination Board may impose a supplementary examination, impose a replacement examination or refuse to extend the period of validity.	Legal provision
3. In situations where a limited period of validity applies, the period of validity of examinations may be extended in the event of extenuating circumstances as stipulated in WHW Article 7.51, paragraph 2, with at least the period of allocated financial assistance specified in WHW Article 7.51, paragraph 1.	Legal provision

Section B2: Programme-specific section – content of programme

10. Programme objectives, specialisations, intended learning outcomes and language

Article 10.1 Programme objective

The objective of the programme is for students to acquire sufficient basic theoretical and practical knowledge and skills in the field of Mathematics and any related science disciplines to enable them to go on to pursue a Master's in Mathematics or a related science discipline, or to enter the labor market. The programme also aims to impress upon the student the importance of the discipline in a broader scientific, philosophical and societal context.	Advice OLC; (7.13 a)
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Article 10.2 Specialisations

The programme has the following specialisation(s): Not applicable.	Approval OLC; (7.13 b)
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Article 10.3 Intended learning outcomes

1. Upon completing the Bachelor's programme in Mathematics, the student is expected a. i. to have a thorough theoretical and practical knowledge of the main disciplines of mathematics (algebra, geometry, analysis, dynamical systems, probability, statistics), at an internationally recognized Bachelor level; ii. to be aware of the interconnected, international and advancing character of mathematics, and of the role and applicability of mathematics in other sciences and in society; iii. (only applicable to students who followed one or a mix of the respective study paths) to be knowledgeable of at least one other scientific discipline in which mathematics plays an essential role (biomedical science, computer science, data science, operations research and economics); b. i. to be able to select and apply mathematical and computational techniques for answering quantitative questions, and to select appropriate mathematical models for solving problems from other scientific disciplines; ii. to be able to program a computer in a programming language and a number of mathematical software packages, in order to solve (applied) mathematical problems; iii. to possess the ability to manage a small research project and to perform mathematical or applied mathematical research under close supervision; c. i. to be capable of strict reasoning in the way that is characteristic for mathematics, and in particular of giving mathematical proofs and abstractions; ii. to possess a critical and independent attitude towards the validity of mathematical argumentation, and towards the usage of mathematical models and techniques in science and engineering; d. to be able to communicate about mathematics and its applications, both orally and in writing, to audiences with varying mathematical backgrounds; e.	Approval OLC (7.13)
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i. to have the ability to acquire new mathematical knowledge, and to collect mathematical information, for example through the internet, literature study, or research; ii. to meet the entrance requirements for a Master's programme in Mathematics or Mathematics Education at a Dutch or foreign university, and to be able to make a motivated choice for a further study and career.	
2. Not applicable.	Approval OLC (7.13)
3. Language proficiency may be taken into account in the assessment of examinations.	Approval OLC (7.13 c)

Article 10.4 Language of instruction and language test

1. The language of instruction is English.	Approval OLC (9.18)
2. The 'Gedragscode vreemde taal' (Code of conduct for foreign languages) applies.	Ordinance CvB, see Appendix III
3. At the start of the first year of study every student must complete a diagnostic language test in the language of instruction of the programme.	Advice OLC (7.13 a)
4. Any student who does not achieve a pass on the language test must take the 'Refresher Course' organised by the Language Desk (Taalloket).	Approval OLC (7.13 c)
5. Not applicable.	Approval OLC (7.13 c)

11. Curriculum structure

Article 11.1 Academic development

1. The academic development consists of: (1) Academic development (2) Methods & techniques (3) Philosophical training	Ordinance CvB, see Appendix III
2. (4) Philosophy of Science and/or History of Science (5) Academic English	Advice OLC; (7.13 a)

Article 11.2 Major

1. The specialisation comprises a package of compulsory and possibly optional units of education.	Ordinance CvB, see Appendix III
2. In addition, units of education are categorised as introductory (100), in-depth (200) and advanced (300) level.	Ordinance CvB, see Appendix III

Article 11.3 Compulsory units of education of the specialisation

A detailed description per unit of education can be found in the study guide.

Detailed description per unit of education can be found in the study guide.				
Name of unit of education	course code	nr of EC	level	Advice OLC; (7.13 a)
<i>Year 1 compulsory:</i>				
Basic Concepts in Mathematics	X_401104	6	100	
Discrete Mathematics	XB_0008	6	100	

English Language Test	VU_ELT	0	000
Group Theory	X_401105	6	200
Introduction to Mathematical Modelling, Latex and Mathematica	XB_0006	3	100
Introduction to Programming (PYTHON)	X_400629	3	100
Linear Algebra	X_400638	6	100
Mathematical Analysis	XB_0009	6	100
Mathematical Modelling of Dynamical Systems	XB_0007	6	100
Multivariable Calculus	XB_41008	6	100
Probability Theory	X_400622	6	200
Single Variable Calculus	XB_41007	6	100
<i>Year 2 compulsory:</i>			
Dynamical Systems	X_400637	6	300
Fourier Analysis	XB_0005	6	200
Mathematical Modelling of Stochastic Systems	XB_0027	6	200
Mathematical Statistics	XB_0049	6	300
Numerical Methods	X_401039	6	300
<i>Year 3 compulsory:</i>			
Bachelor Project Mathematics	X_400581	12	300
History of Science	X_400652	3	200
Philosophy and Ethics	X_400433	3	200
<i>Year 2 period 6 constrained choice: choose one from</i>			
Elements of Geometry	XB_0104	6	200
Probabilistic Forecasting for Dynamical Systems	XB_0107	6	200
<i>Year 2&3 constrained choice in mathematics: choose at least two from</i>			
Applied Analysis: Financial Mathematics	X_400076	6	300
Complex Analysis	X_400386	6	300
Differential Topology	XB_0068	6	300
Functional Analysis	XB_0079	6	300
Galois Theory	XB_0134	6	300
Mathematical Statistics 2	XB_0136	6	300
Partial Differential Equations (BSc)	X_400163	6	300
Rings and Fields	X_400630	6	300
Statistical Data Analysis	X_401029	6	300
Topology	X_400416	6	300

Article 11.4 Elective units of education of the specialisation

Article 11.4 Effective units of education of the specialisation				
Name of unit of education	course code	nr of EC	level	Advice OLC; (7.13 a)
Year 2&3 interdisciplinary electives:				
Automata and Complexity	X_401049	6	300	
Biochemistry	XB_0030	6	200	

Computer Networks	X_400487	6	100
Computer Programming	XB_40011	6	100
Data Engineering	XB_0112	6	200
Databases	X_401008	6	200
Genetics	AB_1135	6	100
Machine Learning	X_400154	6	200
Mathematical Economics II	E_EOR2_ME2	6	200
Operations Research I	E_EOR2_OR1	6	200
Operations Research II	E_EOR2_OR2	6	200
Operations Research III	E_EOR3_OR3	6	300

Article 11.5 Practical exercise

The following components can be considered as practical exercises:				Approval OLC (7.13 d)
Name of unit of education	course code	nr of EC	level	
Elements of Geometry	XB_0104	6	200	
Probabilistic Forecasting for Dynamical Systems	XB_0107	6	200	
Mathematical Modelling of Dynamical Systems	XB_0007	6	100	

Article 11.6 Participation in practical exercises and tutorials

1. In the case of practical exercises, there may be attendance requirements. For details on attendance requirements, please refer to the study manual of the relevant unit of study.	Approval OLC (7.13 d)
2. Not applicable.	Approval OLC (7.13 d)
3. For thesis and internship, the programme applies the guidelines as stipulated in the Thesis and Placement Regulations	Approval OLC (7.13 d)

12. Electives

Article 12.1 Electives

1. The first semester of the third year of the curriculum comprises at least 30 EC of elective units of education at an academic level.	Ordinance CvB, see Appendix III
2. For this elective period, the student can take: a. a minor (as a coherent package of related units of education) b. individual choice of education at the faculty or elsewhere, of which at least two (12 EC) must be at level 300 and maximum 1 (6 EC) can be at level 100. c. Units of education at a university abroad. For this, the same requirements apply as indicated above. In addition, at a university abroad, students can include maximum one unit of education (6 EC) at Master's level (level 400 or higher) into their programme. The unit of education concerned can then no longer be included in the student's Master's programme.	Ordinance CvB, see Appendix III
3. Prior consent for the content of the elective period must be obtained from the Examination Board.	Ordinance CvB, see Appendix III

4. Any choice of 5 courses from the following list satisfies the requirements of paragraph 2b and, by way of exception to paragraph 3, does not require prior consent from the Examination Board:				Approval OLC (7.13 d)
Name of unit of education	course code	nr of EC	level	
<i>Semester 5 electives:</i>				
Biomedical Mathematics	X_401056	6	300	
Data Analytics and Privacy	R_DAP	6	300	
Data Structures and Algorithms for AI	XB_0043	6	200	
Differential Geometry	X_400631	6	300	
Equational Programming	X_401011	6	300	
From Protein to Cell	AB_1052	6	300	
Information Retrieval	X_400435	6	300	
Markov Chains	XB_0135	6	300	
Mathematical Economics I	E_EOR2_ME1	6	200	
Mathematics for Machine Learning	XB_0149	6	300	
Measure Theory	X_401028	6	300	
Mechanics and Thermodynamics in the Cell	X_422589	6	400	
Metabolomics	AB_1291	6	300	
Non-linear Dynamical Systems	XB_0098	6	300	
Number Theory	X_400632	6	300	
Project Computer Assisted Proofs	XB_0039	6	300	
Smart Systems Engineering	XB_0154	6	100	

Article 12.2 Minors

1. Students who meet the admission requirements can take a 'University minor' without prior consent from the Examination Board. Mathematics students cannot follow the university minor Data Science due to considerable overlap with the programme.	Ordinance CvB, see Appendix III
2. Students can take one of the following minors without prior consent from the Examination Board: - the Educational minor. See appendix 5 for an overview of the BETA-minors.	Advice OLC; (7.13a)

13. Honours programme

Article 13.1 Honours components

The components of the honours programme offered by the faculty or the programme are:

Name of unit of education	course code	nr of EC	level	Advice OLC; (7.13 a)
<i>Mathematics Honours Components</i> *star variants are extensions of regular courses				
Dynamical Systems*	X_HP400637	3	400	
Functional Analysis*	X_HP011	3	400	
Mathematical Statistics*	X_HP0049	3	400	
Number Theory*	X_HP400632	3	400	
Numerical Methods*	X_HP401039	3	400	

Rings and Fields *	X_HP400630	3	400
Topology*	X_HP400416	3	400
<i>Science Faculty Honours Courses</i>			
Name of unit of education	course code	nr of EC	level
<i>Science Faculty Honours Courses:</i>			
Five O'Clock Neurosciences*	A_HP003	6	400
Project Science and Tech-based Entrepreneurship*	A_HP007	6	400
Climate Leadership*	A_HP008	6	400
Impact of Algorithms on Human Lives*	X_HP015	6	400
*NB: These Faculty Honours courses are offered every other year. In academic year 2026-2027, A_HP003 and A_HP008 are offered.			

14. Binding recommendation on continuation of studies (BSA)

Article 14.1 Binding (negative) recommendation

1. In order to obtain a positive recommendation on continuation of studies, the student must have obtained: a. at least 42 EC [PPE/AUC: 54, ACASA: 48 EC] of first-year courses of the programme by the end of the first year of enrolment;	Advice OLC (7.13 f)
2. Students who receive a binding negative recommendation on continuation of studies cannot enrol in the following Bachelor's programme(s) offered by the Faculty during the subsequent three academic years: - Mathematics	Advice OLC (7.13 f)
3. Not applicable.	Advice OLC (7.13 f)

15. Evaluation and transitional provisions

Article 15.1 Evaluation of the programme

The education provided in this programme is evaluated in accordance with the document 'Kwaliteitszorg Onderwijs BETA'.	Approval OLC (7.13 a1)
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Article 15.2 Transitional provisions

By way of departure from the Teaching and Examination Regulations currently in force, the following transitional provisions apply for students who started the programme under a previous set of Teaching and Examination Regulations: In relevance to Year 2 period 6 constrained choice, as listed in Article 11.3: - The credits of either of the discontinued courses XB_0028 Project Applied Mathematics (last offered in 2020-21, 6EC, level 300), XB_0029 Project Pure Mathematics (last offered in 2020-21, 6EC, level 300), XB_0067 Project Mathematics (last offered in 2022-23, 6EC, level 300) are equivalent to the credits of either of XB_0104 Elements of Geometry, XB_0107 Probabilistic Forecasting for Dynamical Systems (each 6EC, level 200). In relevance to Year 2&3 constrained choice in mathematics, as listed in Article 11.3: - The credits of either of the discontinued courses XBU_400468 Bayesian Statistics (last offered in 2022-23, 6EC, level 300), XB_0111 Bayesian Statistics	Advice OLC (7.13 a)
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(BSc) (only offered in 2023-24, 6EC, level 300) are equivalent to the credits of XB_0136 Mathematical Statistics 2 (6EC, level 300). - The credits of the discontinued course XBU_417008 Galois Theory (last offered in 2023-24, 6EC, level 300) are equivalent to the credits of XB_0134 Galois Theory (6EC, level 300). - The credits of the discontinued course XBU_418085 Markov Chains (last offered in 2023-24, 6EC, level 300) are equivalent to the credits of XB_0135 Markov Chains (6EC, level 300,). - The discontinued courses X_400180 Mathematical Systems and Control Theory (last offered in 2023-24, 6EC, level 400), XBU_0016 Modules and Categories (last offered in 2023-24, 6EC, level 300) count towards Year 2&3 constrained choice in mathematics. In relevance to Year 2&3 interdisciplinary electives, as listed in Article 11.4: - The credits of X_400634 Introduction to Programming (Java) (discontinued, last offered in 2022-23, 6EC, level 100) if earned before or in 2022-23, the credits of XB_0099 Introduction to Programming (6EC, level 100) if earned in 2023-24, the credits of X_400561 Advanced Programming (6EC, level 200) if earned in 2024-25 are equivalent to the credits of XB_40011 Computer Programming (6EC, level 100). - If earned before or in 2024-25, the credits of E_IBK3_BIA Business Intelligence and Analytics (6EC, level 300) count towards Year 2&3 interdisciplinary electives. - If earned before or in 2024-25, the credits of XB_40009 Computer Organization (6EC, level 100) count towards Year 2&3 interdisciplinary electives provided in combination with at most two other level 100 courses from Year 2&3 interdisciplinary electives. In relevance to Semester 5 electives, as listed in Article 12.1.4: - The discontinued courses X_401062 Workshop Mathematical Modelling (last offered in 2019-20, 6EC, level 300), AB_1053 Molecular Cell Biology (last offered in 2021-22, 6EC, level 300), XB_0100 Combinatorial Game Theory (only offered in 2023-24, 6EC, level 300), XBU_417004 Representation Theory (last offered in 2023-24, 6EC, level 300), X_401094 Principles of Bioinformatics (last offered in 2024-25, 6EC, level 300), XB_0038 Project Biomedical Mathematics (last offered in 2024-25, 6EC, level 300) count towards Semester 5 electives. - The discontinued course XB_0014 Data Wrangling (last offered in 2024-25, 6EC, level 300) counts towards Semester 5 electives unless in combination with XB_0112 Data Engineering (6EC, level 200) passed in or after 2025-26 (and counting towards Year 2&3 Interdisciplinary electives, as listed in Article 11.4), due to a considerable content overlap. - The credits of either of the discontinued courses X_400614 Data Structures and Algorithms (last offered in 2021-22, 6EC, level 200), XB_0091 Data Structures and Algorithms for CS (last offered in 2024-25, 6EC, level 100) are equivalent to the credits of XB_0043 Data Structures and Algorithms for AI (6EC, level 200). - The credits of the discontinued course XB_40008 Pervasive Computing (last offered in 2024-25, 6EC, level 100) are equivalent to the credits of XB_0154 Smart Systems Engineering (6EC, level 100).	
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In relevance to the Honours programme: - For students who started the Honours programme before or in 2025-26, the following courses, if passed before or in 2026-27, count towards the minimum of 12 EC of faculty and programme honours components per Article 4.1, paragraph 2: X_HP014 Honours Project Mathematics, X_HP012 Independent Study 1, X_HP013 Independent Study 2.	
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Approval of the Programme Committee of the curriculum structure (submitted via UAS), on 16/12/2025.

Advice and/or approval by the Programme Committee (with the exception of the curriculum structure), on 1/7/2026.

Approved by the Faculty Joint Assembly, on 7/7/2026.

Adopted by the board of the Faculty of Science on 10/07/2026.

Appendix I

Overview of articles that must be included in the Teaching and Examination Regulations:

Section A: Faculty section

2. Study programme structure	
Article 2.1 Structure of academic year and units of education	7.13 paragraph 2 sub e
Article 2.2 Setup of the programme	7.13 paragraph 2 sub a, e, x
3. Assessment and examination	
Article 3.2 Type of examination	7.13 paragraph 2 sub h, l, j
Article 3.3 Oral examinations	7.13 paragraph 2 sub l, n
Article 3.4 Determining and announcing results	7.13 paragraph 2 sub o
Article 3.5 Examination opportunities	7.13 paragraph 2 sub h, j
Article 3.7 Exemption	7.13 paragraph 2 sub r
Article 3.8 Validity period for results	7.13 paragraph 2 sub k
Article 3.9 Right of inspection and post-examination discussion	7.13 paragraph 2 sub p, q
4. Honours programme	
Article 4.1 Honours programme	7.13 paragraph 2 sub v
5. Academic student counselling, recommendation on continuation of studies and study progress	
Article 5.1 Administration of study progress and academic student counselling	7.13 paragraph 2 sub u
Article 5.2 Recommendation on continuation of studies	7.13 paragraph 2 sub f
Article 5.3 Binding (negative) recommendation on continuation of studies (BSA)	7.13 paragraph 2 sub f
Article 5.4 Personal circumstances	7.13 paragraph 2 sub f
Article 5.5 Facilities for students with a disability	7.13 paragraph 2 sub m

Section B1: Programme-specific section – general provisions

7. General programme information and characteristics	
Article 7.1 Study programme information	7.13 paragraph 2 sub l, r
Article 7.2 Teaching formats used and modes of assessment	7.13 paragraph 2 sub l, x
[Keuze:] Article 7.3 Academic student counselling	7.13 paragraph 2 sub u
8. Further admission requirements	
Article 8.1 Additional previous education requirements	7.25, paragraph 4
Article 8.2 Entrance examination	7.29, paragraph 2
9. Examinations and results	
Article 9.1 Sequence of examinations	7.13 paragraph 2 sub h, s, t
[Keuze 1:] Article 9.2 Validity period for results	7.13 paragraph 2 sub k
[Of keuze 2:] Article 9.2 Validity period for results	7.13 paragraph 2 sub k

Section B2: Programme-specific section – content of programme

10. Programme objectives, tracks/specialisations and intended learning outcomes	
Article 10.1 Programme objective	7.13 paragraph 2 sub a
Article 10.2 Tracks and/or specialisations	7.13 paragraph 2 sub a
Article 10.3 Intended learning outcomes	7.13 paragraph 2 sub b, c
Article 10.4.1 Language of instruction	9.18 (implementation expected in 2020)

Article 10.4.3 Language test	7.13 paragraph 2 sub a, c
11. Curriculum structure	
Article 11.1 Academic core [<i>keuze</i> : academic development]	7.13 paragraph 2 sub a
Article 11.2 Major	7.13 paragraph 2 sub a
Article 11.3 Compulsory units of education of the major	7.13 paragraph 2 sub a
[<i>Keuze</i> :] Article 11.4 Elective units of education of the major	7.13 paragraph 2 sub a
[<i>Keuze</i> :] Article 11.5 Practical exercise	7.13 paragraph 2 sub d
Article 11.6 Participation in practical exercises and tutorials	7.13 paragraph 2 sub d
12. Electives	
Article 12.1 Electives	7.13 paragraph 2 sub a
Article 12.2 Minors	7.13 paragraph 2 sub a
13. Honours programme	
Article 13.1 Honours components	7.13 paragraph 2 sub a
14. Binding recommendation on continuation of studies (BSA)	
Article 14.1 Binding (negative) recommendation	7.13 paragraph 2 sub f
15. Evaluation and transitional provisions	
Article 15.1 Evaluation of the programme	7.13 paragraph 2 sub a1
Article 15.2 Transitional provisions	7.13 paragraph 2 sub a

Appendix II

Overview of advisory and approval rights of Programme Committees (OLC) and Faculty Joint Assembly (FGV)

Article 7.13, paragraph 2, of the Higher Education and Research Act	FGV		OpIC	
	I	A	I	A
a. the content of the programme and the associated examinations				
a1. The manner in which teaching and education in the relevant programme are evaluated				
b. the content of the specialisations offered as part of the programme				
c. the programme's final attainment levels with regard to the knowledge, understanding and skills				
d. where applicable, the design of practical exercises				
e. the workload of the programme and of each of its constituent units of education				
f. the detailed rules referred to in Article 7.8b, sixth paragraph, and Article 7.9, fifth paragraph (recommendation on continuation of studies)				
g. the Master's programmes to which Article 7.4a, eighth paragraph, applies (elevated workload)				
h. the number and sequence of examinations and the times at which these can be taken				
i. the full-time, part-time or work-study structure of the programme				
j. where necessary, the order in which students can take the examinations and the final examinations for Bachelor's and Master's programmes, as well as the timing of and number of opportunities				
k. where necessary, the period of validity for pass grades awarded for examinations, notwithstanding the authority of the Examination Board to extend this period of validity				
l. whether examinations are administered in oral, written or another form, notwithstanding the authority of the Examination Board to decide otherwise				
m. the way in which students with a disability or chronic health condition are given a reasonable opportunity to take the examinations				
n. the public nature of oral examinations, subject to the right of the Examination Board to determine otherwise in special cases				
o. the period within which the results of an examination must be announced, together with details of whether this period can be altered and if so in what way				
p. the way in which and the period within which students who have taken an examination are given the opportunity to inspect their marked work				
q. the way in which and the period within which information can be provided about the questions asked and exercises given in the framework of a written examination and about the standards used for assessment				
r. the grounds on which the Board of Examiners may grant exemptions from taking one or more examinations on the basis of the examinations and the final examinations for Bachelor's and Master's programmes previously completed in higher education, or on the basis of knowledge or skills acquired outside higher education				
s. where necessary, the stipulation that students must pass certain examinations as a condition for admission to other examinations				
t. where necessary, the obligation to take part in certain practical exercises with a view to admission to the examination in question, subject to the authority of the Examination Board to grant exemption from this obligation, with or without the imposition of alternative requirements				
u. the monitoring of academic progress and individual student support and guidance				
v. where applicable, the manner in which students are selected for a special track within a programme as referred to in Article 7.9b (excellence track within a programme)				
x. the actual design of the education provided				
<i>All other matters that are regulated in the Academic and Examination Regulations but which are not mentioned as such in Article 7.13 of the Higher Education and Research Act under points a to x.</i>				

The lettering corresponds to the lettering of Article 7.13 section 2 of the WHW

Abbreviations used:

FGV:	Faculty Joint Assembly
OpIC:	Programme Committee
I:	right of approval
A:	right of advice

Appendix III

Ordinances of VU Executive Board (CvB) and Guidelines in the model Bachelor's TER

Section A, article:	Concerns:	CvB ordinance/guideline
1.1.4	Legal protection for students	4-11-2025
2.1.1, 2.1.2	Year planning two semesters 8-8-4 (uniform year calendar VU-UvA)	29-9-2008 (period 2009-2015) 22-05-2014 (period 2016-2025)
2.1.3, 2.1.4	Units of education	Bachelor's guideline, included in the model TER, revised on 2 July 2019
2.2.1	Setup of the programme	Bachelor's guideline, included in the model TER, revised on 2 July 2019
2.2.2, 2.2.3	Planning academic year (number of contact hours)	Bachelor's guideline, included in the model TER, revised on 2 July 2019
2.2.4	Internationalisation	CvB ordinance, following the advice from the Internationalisation Board and included in the IP
3.1.1, 3.1.2	Signing up for education and examinations	CvB ordinance 17-11-2020, prior consent of USC.
3.4.1	Determination and publication of the results (1) Grading deadline exams ten working days (2) Theses twenty working days	(1) Bachelor's guideline, included in the model TER, revised on 2 July 2019 (2) Quality demand 11 from the VU-wide assessment policy, CvB ordinance 15-05-2012, approval GV 28-02-2013
3.5.1	Two possibilities to take examinations per year	Bachelor's guideline, included in the model TER, revised on 2 July 2019
3.5.2	Resit: most recent grade is valid, resit allowed in case of pass grade	Taken from the UvA guidelines, as part of the harmonisation, CvB ordinance 24-02-2014
3.5.4	One-time extra resit in relation to examination requirement	Included in (prior) model TER 16-17 following a request from E&R committee and adopted by CvB on 28-10-2015
3.6	Grades	CvB ordinance 30-09-2010, prior consent USR. As a result of harmonisation UvA, the guideline: 5.5 is a pass, has been added. CvB ordinance 24-02-2014.
4.1	Honours programme	Strategische uitgangspunten Honoursprogramma 15 april 2025
5.2.1	Recommendation on continuation of studies (BSA) at end of first year	BSA kaderregeling ordinance CvB 18-01-2010 (1) BSA kaderregeling ordinance CvB 27-10-2015, consent USR on OER 2016-2017 (2) Framework regulation revised on 12-09-2017
5.2.2	Formal warning before February 1 st	BSA kaderregeling ordinance CvB 18-01-2010 (1) BSA kaderregeling ordinance CvB 27-10-2015, consent USR on OER 2016-2017 (2) Framework regulation revised on 12-09-2017
5.3	Binding (negative) recommendation on continuation of studies	BSA kaderregeling ordinance CvB 18-01-2010 (1) BSA kaderregeling ordinance CvB 27-10-2015, consent USR on OER 2016-2017 (2) Framework regulation revised on 12-09-2017
Section B1, article:	Concerns:	CvB ordinance/guideline
8.1.3	RAI	RAI 2020-2021 CvB ordinance 8-10-2019
Section B2, article	Concerns:	CvB ordinance/guideline

10.4.2	'Gedragscode vreemde taal' (Code of conduct for foreign languages)	CvB ordinance 20-07-2009
11.1.1	Academic core	Bachelor's guideline, included in the model TER, revised on 2 July 2019. 6 June 2017 (Possibly 'development' instead of 'core' due to harmonisation with UvA. CvB ordinance 24-02-2014.
11.2	Major	Bachelor's guideline, included in the model TER, revised on 2 July 2019
12.1	Elective period (first semester, third year)	Bachelor's guideline, included in the model TER, revised on 2 July 2019
12.2	Participation in university minor	CvB ordinance Profileringsruimte 22-11-2010

Appendix IV

Article 2.1 of the Higher Education and Research (Implementation) Act

1. The extenuating personal circumstances referred to in Article 7.8b, paragraph 3 and 7.9, paragraph 3 of the Act (WHW) are limited to:

- a. illness of the person concerned,
- b. physical, sensory or other impairment of the person concerned,
- c. pregnancy of the person concerned,
- d. extenuating family circumstances,
- e. membership, including the chairmanship of:

1. universities: the university council, faculty council, the body established under the participation regulation referred to in Article 9.30, paragraph 3, or Article 9.51, paragraph 2, of the Act, the programme management or the programme committee, or membership on the board of a foundation whose bylaws allow for the exploitation of facilities belonging to the student services, or an equivalent body with regard to its activities in the opinion of the board of the institution,

2. universities of applied sciences: the participation council, district council, student committee or programme committee.

f. other circumstances to be designated by the board of the institution in the regulation as referred to in Article 7.8b, paragraph 6, and Article 7.9, paragraph 5, of the Act in which the person concerned engages in activities within the framework of the organisation and the administration of the affairs of the institution,

g. membership on the board of a student organisation of a certain size with full legal capacity, or a similar organisation of a certain size, whose primary task regards general societal interest and which actually develops activities for this purpose,

h. other personal circumstances set out in the Teaching and Examination Regulations as referred to in Article 7.13 of the Act, pursuant to Article 7.13, paragraph 2, clause f of the Act,

i. personal circumstances other than those referred to in a – h above which, if overlooked by the governing bodies of the institution, would lead to an obviously unfair outcome.

2 The institutional board may, for the purposes of the first paragraph, part g, establish specific rules regarding the maximum number of eligible board members per organisation per academic year, as well as the eligible administrative offices.

Appendix V: Minors

1. Minors of the Faculty of Science

Article 1.1 Bèta-minors

1. This is an overview of all minors that the Faculty of Science offers within the Bachelors, next to the VU-broad university minors. It is important that the student who wants to enroll in a minor apply in accordance with the rules. Additional entry requirements may apply and not every minor is open to students from every Bachelor programme.	Advice OLC; approval FGV (7.13 i)
1.1. A study programme can offer minors from other faculties, such as the education minor. These minors are not included in this overview as the Faculty of Science is not responsible for the content of these minors.	Advice OLC; approval FGV (7.13 i)
1.2. Students can enroll in minors according to Article 12.2 of the TER.	
2. In the event of a deviation from the standard curriculum, it is considered a free minor, and the title and description of the minor will not be assigned. The Examination Committee cannot make an exception to this.	
3. An overview of the Beta minors can be found via this link .	