

Teaching and Examination Regulations

Faculty of Science

Bachelor's programme in Computer Science

Academic year 2023-2024

A. Faculty section

B1. Programme specific section – general provisions

B2. Programme specific section – content of programme

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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 2023.	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)

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. double degree programme: joint programme in the context of cooperation between Vrije Universiteit Amsterdam and an educational institution within or outside the Netherlands, as to gain a double university degree; of the VU and the educational institution concerned; though not being the same as a 'joint degree programme' according to the art. 7.3c WHW';
- c. EC (European Credit): a course credit with a workload of 28 hours of study;
- d. 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;
- e. exemption: exemption from an examination/practical/fieldwork based on an earlier successfully completed examination, or knowledge/skills of a similar content, level and scope gained outside higher education;
- f. final examination: a bachelor's programme consists of a propaedeutic examination and a bachelor's examination;
- g. 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 major or a specific curriculum within a degree programme) for which the collaborating institutions are jointly responsible;
- h. period: a part of a semester;
- i. practical exercise: the participation in a practical training 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

- j. programme: • participating in and completing a work placement; the totality and cohesion of the units of education, teaching activities/methods, contact hours, testing and examination methods and recommended literature;
- k. SAP/SLM: the student information system (*Student Lifecycle Management*);
- l. semester: the first (September - January) or second (February - August) half of an academic year;
- m. specialisation: optional route of study within a degree programme indicating a deepening of the context of the programme (e.g. interdisciplinary or multidisciplinary);
- n. 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);
- o. 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 electronically at: [https://studiegids.vu.nl/en#/](https://studiegids.vu.nl/en#/;);
- p. study monitor: dashboard for students and academic advisors with data of the student (*studiemonitor*); and that provides insight into the student's study progress;
- q. subject: see 'unit of education';
- r. substituting course/unit of education: see under b (double degree programme). A course obtained at the other educational institute, within the context of cooperation, that is mentioned in the diploma supplement as such; not being an 'exemption';
- s. thesis: a unit comprising research into the literature and/or contributing to scientific research, always resulting in a written report;
- t. track: a study pathway within a broader Bachelor's or Master's degree programme, such as a fully English-language study pathway within a Dutch-language Bachelor's or Master's programme;
- 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);
- 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.

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
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 3

3. A unit of education comprises 6 EC 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 study 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. 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. Internationalization 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 an annex to the student statute.	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 I)
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Article 3.3 Oral examinations

1. An oral assessment is public unless the Examination Board determines otherwise.	Advice OLC; approval FGV (7.13 I and n)
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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 theses and final assignments is twenty working days after submission. The examiner will then immediately ensure that the marks are registered and also ensures that the student is immediately notified of the mark, taking due account of the applicable confidentiality standards.	Ordinance CvB, see Appendix III
2. The examiner determines the result (i.e. mark) of an oral examination as soon as possible, but at the latest within one working day 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)
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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 theses 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 study.	Ordinance CvB, see Appendix III
3. The resit for a (partial) examination must not take place within ten working days of the announcement of the result of the (partial) examination being resat.	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) lacks only those credits to qualify for their degree; and b) has failed the examination during all the previously offered attempts unless participation in an examination was not possible for compelling reasons. The extra opportunity can only be offered if it concerns a written examination, a paper or a take home examination. This provision excludes the practical exercises and the Bachelor's thesis. 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 in the following academic year, 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) marks 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 will be rounded down; final marks of 5.50 or higher will be rounded up. All other final marks will be expressed in whole or half marks. In case the examination of a unit of education consists of two or more parts, each of which are graded separately, the (weighted) mean of these marks (meaning: the final mark) must be rounded off using the following table:	Ordinance CvB, see Appendix III																																				
<table border="1"> <thead> <tr> <th>From</th> <th>To</th> <th>Grade</th> </tr> </thead> <tbody> <tr><td>1.00</td><td>1.24</td><td>1.0</td></tr> <tr><td>1.25</td><td>1.74</td><td>1.5</td></tr> <tr><td>1.75</td><td>2.24</td><td>2.0</td></tr> <tr><td>2.25</td><td>2.74</td><td>2.5</td></tr> <tr><td>2.75</td><td>3.24</td><td>3.0</td></tr> <tr><td>3.25</td><td>3.74</td><td>3.5</td></tr> <tr><td>3.75</td><td>4.24</td><td>4.0</td></tr> <tr><td>4.25</td><td>4.74</td><td>4.5</td></tr> <tr><td>4.75</td><td>5.49</td><td>5.0</td></tr> <tr><td>5.50</td><td>6.24</td><td>6.0</td></tr> <tr><td>6.25</td><td>6.74</td><td>6.5</td></tr> </tbody> </table>		From	To	Grade	1.00	1.24	1.0	1.25	1.74	1.5	1.75	2.24	2.0	2.25	2.74	2.5	2.75	3.24	3.0	3.25	3.74	3.5	3.75	4.24	4.0	4.25	4.74	4.5	4.75	5.49	5.0	5.50	6.24	6.0	6.25	6.74	6.5
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	7.25	7.74	7.5		
	7.75	8.24	8.0		
	8.25	8.74	8.5		
	8.75	9.24	9.0		
	9.25	9.74	9.5		
	9.75	10.0	10		
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, for example: s(atisfactory), g(ood), u(n)s(at)is(factory), etc. In case a student does not take part in any examination, the examiner will register the mark 'ns' (c.q. no show).					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: <ol style="list-style-type: none"> 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)
3. <ol style="list-style-type: none"> A maximum of 60 EC of the curriculum can be accumulated through granted exemptions for one three-year bachelor's programme. The substituting courses (courses obtained at another educational institute within the context of a double degree, see art. 1.2) are not included. This regulation does not apply if a student is (simultaneously) enrolled in multiple programmes, which lead to multiple degrees, where courses may be part of both programmes. In such a case, the examination board may deviate from the regulations under a. 	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 education concerned, as stipulated for the relevant unit of education 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 and post-examination discussion

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 can submit a request to inspect their assessed work, the questions and assignments set in it, as well as the standards applied for marking. The place and time where students can inspect their work will be announced on VU.nl Dashboard or Canvas in all cases.	Advice OLC; approval FGV (7.13 p and q)
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2. If a collective post-examination discussion has been organized, individual post-examination discussions will be held only if the student has attended the collective discussion or if the student was unable to attend the collective discussion through no fault of their own.	Advice OLC; approval FGV (7.13 q)
3. Students who meet the requirements stipulated in paragraph 2 can submit a request for an individual post-examination discussion to the relevant examiner. The discussion shall take place at a time and location to be determined by the examiner within the regular timetable, on campus or online.	Advice OLC; approval FGV (7.13 p and q)

4. Honours programme

Article 4.1 Honours programme

1. Vrije Universiteit Amsterdam offers an honours programme for students who meet the admission requirements. 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 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.	Ordinance CvB, see Appendix III
5. First-year Bachelor's students can participate in honours components during the second semester, on the condition that they have earned 30 EC during the first semester with a weighted average of at least a 7.5. First-year students can only participate in honours components that are open for first-year students.	Ordinance CvB, see Appendix III

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 <ol style="list-style-type: none"> 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 with the overview 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).	Ordinance CvB, see Appendix III
2. As soon as possible after the last resits 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 demonstrate that they once again did not meet the standard as a consequence of personal circumstances.	Ordinance CvB, see Appendix III
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: <ul style="list-style-type: none"> a) the period in which the circumstance occurs or occurred; b) a description of the circumstance and its seriousness; c) 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)
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

1. A student with a disability 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 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 exit qualifications 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 on teaching facilities and facilities regarding logistics. The Examination Board will decide on requests for facilities with regard to examinations.	Advice OLC; 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 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 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 – general provisions

7. General programme information and characteristics

Article 7.1 Study programme information

1. The programme Computer Science, CROHO number 50426 is offered on a full-time basis.	Advice OLC; approval FGV (7.13 i)
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Article 7.1a Deviant size of units of education

By way of derogation from art. 2.1.3, the units of education listed below have a size that is not 6 EC or a multiple thereof:	Approval OLC (art. 7.13 sub e), approval CvB																											
<table border="1"> <thead> <tr> <th>Course code</th> <th>Name course</th> <th>EC</th> </tr> </thead> <tbody> <tr> <td>X_401087</td> <td>Introduction to Computer Science</td> <td>3</td> </tr> <tr> <td>XB_0046</td> <td>Computational Thinking for Coders</td> <td>3</td> </tr> <tr> <td>XB_0075</td> <td>Academic Writing for CS</td> <td>3</td> </tr> <tr> <td>XB_0076</td> <td>History of Science for CS</td> <td>3</td> </tr> <tr> <td>New course</td> <td>Professional Development</td> <td>3</td> </tr> <tr> <td>X_400433</td> <td>Philosophy and Ethics</td> <td>3</td> </tr> <tr> <td>XB_40001</td> <td>Bachelor Project Computer Science</td> <td>15</td> </tr> <tr> <td>VU_ELT</td> <td>English Language Test</td> <td>0</td> </tr> </tbody> </table>	Course code	Name course	EC	X_401087	Introduction to Computer Science	3	XB_0046	Computational Thinking for Coders	3	XB_0075	Academic Writing for CS	3	XB_0076	History of Science for CS	3	New course	Professional Development	3	X_400433	Philosophy and Ethics	3	XB_40001	Bachelor Project Computer Science	15	VU_ELT	English Language Test	0	
Course code	Name course	EC																										
X_401087	Introduction to Computer Science	3																										
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New course	Professional Development	3																										
X_400433	Philosophy and Ethics	3																										
XB_40001	Bachelor Project Computer Science	15																										
VU_ELT	English Language Test	0																										

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

1. The programme offers the following counselling in addition to the student counselling mentioned in Section A: - There is an Academic Advisor for the Bachelor Computer Science.	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' (<i>Regeling Aanmelding en Toelating Hoger Onderwijs</i>) (RATHO, OCW)) will gain access to the programme.	Legal provision
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<p>2. Applicants who do not meet the previous education requirements as stipulated in the 'Regulations on Registrations and Admissions in Higher Education' currently in force may still be admitted to the programme by successfully completing the following exams:</p> <ul style="list-style-type: none"> - Mathematics B equivalent to final-examination Dutch pre-university secondary school programmes (VWO) 	<p>Exception in WHW: advice OLC</p>
<p>3. Sufficient command of the Dutch language can be evidenced by successful completion of:</p> <p>Not applicable.</p>	<p>Ordinance CvB, see Appendix III</p>
<p>4. Sufficient command of the English language can be evidenced by successful completion of:</p> <ol style="list-style-type: none"> a. academic IELTS: a minimum overall score of 6.5 plus a minimum score of 6.5 for each subcomponent (Listening, Reading, Writing and Speaking). b. TOEFL paper-based test (old version, until 2021): a minimum score of 580. c. TOEFL paper-based test (new version, from 2021): a minimum score of 23 for the Reading section, a minimum score of 21 for the Listening section, and a minimum score of 23 for the Writing section. d. TOEFL internet-based test: a minimum overall score of 92 plus a minimum score of 23 for the Reading section, a minimum score of 21 for the Listening section, a minimum of 24 for the Speaking section, and a minimum score of 23 for the Writing section. <p>Those who have completed English-language education in Canada, the USA, the UK, Ireland, New Zealand or Australia and those who already hold an English-language Bachelor's degree are exempted from the language requirement.</p>	<p>Ordinance CvB, see Appendix III</p>
<p>5. Students who do not meet the previous education requirements but have successfully completed the first year of a bachelor programme at a Dutch University of Applied Sciences (HBO) programme can be admitted to the programme by demonstrating that their level of mathematics is comparable to Mathematics B as taught in Dutch pre-university secondary school programmes (VWO). In addition, they have to demonstrate a command of English comparable to the exit level of Dutch pre-university secondary school programmes (VWO). The Admission Board will assess whether these conditions have been met.</p>	<p>Advice OLC; approval FGV (9.38 sub b)</p>

Article 8.2 Colloquium doctum (entrance examination)

<p>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 (colloquium doctum), as stipulated in Article 7.29 of the WHW. The entrance examination concerns the following subjects at final pre-university examination level:</p> <ul style="list-style-type: none"> - Mathematics B equivalent to final-examination university entry level (VWO) and - A command of English equivalent to final-examination university entry level (VWO). <p>In addition, applicants will have to participate in an evaluation meeting conducted by two staff members.</p>	<p>Advice OLC; approval FGV (9.38 sub b)</p>
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2. The proof that the entrance examination has been passed only provides entitlement to admission to the intended programme for the academic year after the examination was taken.	Advice OLC; approval FGV (9.38 sub b)
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9. Examinations and results

Article 9.1 Sequence of examinations

1. Students may participate in the components below only if they have passed the interim examination or examinations for the components mentioned hereinafter: a. Object-Oriented and Functional Programming (XB_0019) after passing Computer Programming (XB_40011) or Computer Programming Project (X_400556). b. Operating Systems (X_405067) after passing Computer Programming (XB_40011) or Computer Programming Project (X_400556).	Advice OLC; approval FGV (7.13 h, 7.13 s/t)
2. Students may be admitted to the following specializations only if they have passed the examinations of the following units of education: Not applicable.	Advice OLC; approval FGV (7.13 h, 7.13 s/t)
3. Students will only be admitted to the final bachelor project if they meet the following condition: - The obtained a minimum of 120 EC from BSc Computer Science courses. Exemptions to the article above may be granted under extenuating circumstances and need to be approved by the Academic Advisor.	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.	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 insights 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 7.15, paragraph 1.	Legal provision

Section B2: Programme specific – content of programme

10. Programme objectives, tracks/specializations, exit qualifications and language

Article 10.1 Programme objective

<p>The programme aims to:</p> <ul style="list-style-type: none"> - Provide students with theoretical and practical knowledge and skills in the field of computer science, including programming, computer systems, software design, algorithms, formal methods, logic, mathematics, and the broader scientific and historical context of computer science; - Prepare students for either joining a Master's programme in computer science or a related field, or entering the labor market. 	<p>Advice OLC; (7.13 a)</p>
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Article 10.2 Tracks and/or specializations

<p>The programme has the following tracks and/or specializations:</p> <p>Not applicable.</p>	<p>Approval OLC; (7.13 b)</p>
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Article 10.3 Exit qualifications

<p>1. At all events, a graduate of the study programme will have knowledge and understanding in the field of Computer Science.</p> <p>In particular, a graduate of the study programme will:</p> <ol style="list-style-type: none"> 1. Have thorough theoretical and practical knowledge of computer science which will either enable the student to join a Master's programme in the field of computer science or to enter the labor market. This knowledge covers the areas of formal methods, algorithms, logic and mathematics, programming, computer systems, and software design; 2. Have become acquainted with research and development in the field of computer science at an academic level and with the associated scientific skills, and have practiced these skills and demonstrated aptitude in applying them; 3. Have acquired practical skills that are relevant to the field of computer science and be capable of applying them in specific and common professional situations. These include using tools to model, assemble, deploy, and evaluate computer systems; 4. Be aware of the role of computer science in society, including the related ethical issues, as well as the development of the field of computer science and the nature of this academic discipline, and be able to use this awareness when reflecting on his or her own activities and thought processes; 5. Be familiar with empirical aspects of computer science, especially the evaluation of various types of systems, both in qualitative and quantitative terms; 6. Have demonstrated a clear analytical and problem-solving ability and be capable of taking a project-based approach to solve challenging problems, including participation in a multidisciplinary team, maintaining an open attitude about the exploratory development of complex systems; 7. Be able to communicate professionally and at an academic level, including the formulation of objectives, the selection of appropriate resources (technology), and the definition of projects and research plans; 8. Be capable of presenting results clearly and succinctly, both orally and in writing (i.e., reports for professional use or of an academic nature). 	<p>Approval OLC (7.13 c)</p>
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Without prejudice to the provisions of paragraph 1, a graduate of the track or specialization will have the following knowledge and understanding in the field of: Not applicable.	Approval OLC (7.13 b)
2. 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 'Gedragcode vreemde taal' (Code of conduct foreign languages) applies.	Ordinance CvB, see Appendix III
3. At the start of the first year of study every student must complete a diagnostic English language test (VU_ELT).	Advice OLC; (7.13 a)
4. Any student who does not pass the language test must take the 'Refresher Course' organized by the Language Desk (Taalloket).	Approval OLC (7.13 c)
5. The language test is part of the following unit of education: Bachelor Computer Science Year 1.	Approval OLC (7.13 c)

11. Curriculum structure

Article 11.1 Academic core

1. The academic development consists of: (1) Academic development XB_40001 Bachelor Project Computer Science 15 EC (2) Methods & techniques X_40011 Computer Programming 6 EC X_401087 Introduction to Computer Science 6 EC X_401020 Statistical Methods 6 EC (3) Philosophical training X_400433 Philosophy and Ethics 3 EC	Ordinance CvB, see Appendix III
1. (4) Philosophy of Science and/or History of Science XB_0076 History of Science for CS (5) Academic English XB_0075 Academic Writing for CS 3 EC	Advice OLC; (7.13 a)

Article 11.2 Major

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

Article 11.3 Compulsory units of education of the major

A 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)
Year 1				
Computational Thinking for Coders	XB_0046	3	100	
Computer Networks	X_400487	6	100	
Computer Organization	XB_40009	6	100	
Computer Programming	XB_40011	6	100	
Computer Programming Project	X_400556	6	200	
Data Structures and Algorithms for CS	XB_0091	6	100	
English Language Test	VU_ELT	0	000	
Introduction to Computer Science	X_401087	3	100	
Logic and Sets for CS	XB_0086	6	100	
Web Technology	X_400488	6	100	
Pervasive Computing	XB_40008	6	100	
Linear Algebra	X_400649	6	200	
Year 2				
Object-Oriented and Functional Programming	XB_0019	6	200	
Statistical Methods	X_401020	6	200	
Operating Systems	X_405067	6	200	
History of Science for CS	XB_0076	3	200	
Software Design	XB_40007	6	200	
Databases	X_401008	6	200	
Software Engineering Processes	XB_0089	6	200	
<i>B CS year 2 constrained choice</i>				
Networks and Graphs	X_401010	6	200	
Academic Writing for CS	XB_0075	3	100	
Professional Development	XB_0103	3	100	
Information Management for CS	XB_0087	6	100	
Human-Computer Interaction	X_400432	6	200	
Logic and modelling	X_401015	6	200	
Requirements Engineering	XB_0032	6	200	
Security and Safety Engineering	XB_0088	6	200	
Year 3				
Automata and Complexity	X_401049	6	300	
Bachelor Project Computer Science	XB_40001	15	300	
Machine Learning	X_400154	6	300	
Philosophy and Ethics	X_400433	3	200	
Minor	-	30	100-300	

Article 11.4 Elective units of education of the major

Not applicable

Article 11.5 Practical exercise

Not applicable

Article 11.6 Participation in practical exercises and tutorials

1. In the case of a practical training, the student must attend at least the percentage of the practical sessions indicated by the instructor. Should the student attend fewer than the number of the practical sessions indicated by the instructor, the student may have to repeat the practical training the following year, or the Examinations Board may have one or more supplementary assignments issued	Approval OLC (7.13 d)
2. In the case of a tutorial, the student must attend at least the number of the tutorial sessions indicated by the instructor. Should the student attend fewer than the number of the tutorial sessions indicated by the instructor, the student may have to repeat the tutorial the following year, or the Examinations Board may have one or more supplementary assignments issued.	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: <ol style="list-style-type: none"> a) a minor (a coherent package of related units of education) b) individual choice of at least five units 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 another 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; this requires permission from the programme concerned. 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 must be obtained from the Examination board.	Ordinance CvB, see Appendix III

Article 12.2 Minors

1. The student who meets the admission requirements can take a 'University minor' without prior consent from the Examination Board. The 'University minors' are listed on the VU website.	Ordinance CvB, see appendix 3
2. The student can take one of the following minors without prior consent from the Examination Board: <ul style="list-style-type: none"> - X_MINBSB Minor Bioinformatics and Systems Biology; - X_MINDP Minor Deep programming; - X_MINDS Minor Data Science; - X_MINIS Minor Information Sciences; - OMI_INF Educatieve Minor Informatica. 	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)
<i>AI/CS/IS Honours Components</i>				
Honours Research Project 1	X_HP003	6	400	
Honours Research Project 2	X_HP004	6	400	
Big Ideas in Computing ¹	X_HP005	6	400	
Honours Research project 3	X_HP006	6	400	
Honours Research project 4	X_HP009	6	400	
Honours Project Research Community and Practice	X_HP010	6	400	
<i>Science Faculty Honours Courses</i>				
Five O'clock Neurosciences	A_HP003	6	400	
Nutrition for Healthy Growth and Development	A_HP004	6	400	
Diversity in Genetic Research	A_HP005	6	400	
Climate Repair	A_HP006	6	400	
Project Science and Tech-based Entrepreneurship	A_HP007	6	400	
Impact of Algorithms on Human Lives	X_HP015	6	400	

14. Binding recommendation on continuation of studies (BSA)

Article 14.1 Binding (negative) recommendation

1. In order to obtain a positive binding recommendation on continuation of studies, the student must have obtained: a) at least 42 EC of first year's courses of the Bachelor's programme Computer Science 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 enroll in the following Bachelor's programme(s) offered by the Faculty during the subsequent three academic years: - Bachelor's programme Computer Science	Advice OLC (7.13 f)
3. Different time periods apply for students taking part-time programmes. The recommendation on continuation of studies will be issued at the end of [note: period and date] Not applicable.	Advice OLC (7.13 f)

15. Evaluation and transitional provisions

Article 15.1 Evaluation of the education

1. 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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¹ X_HP005 Big Ideas in Computing may be offered in 2023-2024; Honours students are informed whether the course will take place or not in January.

Article 15.2 Transitional provisions

<p>1. 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:</p> <ul style="list-style-type: none"> - The course XB_40008 Pervasive Computing will be offered twice in 2023-2024: the students who started in 2023-2024 must take it in the second period of year 1 as a mandatory course. Students who started in previous years can decide to follow XB_40008 Pervasive Computing in the first period to fulfill the constrained choice in the second period. Notice that students that decide to switch to the new TER still need to take either XB_0032 Requirements Engineering or XB_40008 Pervasive computing, even if they have already passed X_401010 Networks and Graphs. - The students who started in 2022-2023 must choose between these two constrained-choice courses in period 5 of year 2: X_401015 Logic & Modelling and X_400649 Linear Algebra. X_400649 Linear Algebra has become a mandatory year-1 course in 2023-2024 but for the students who started in 2022-2023 it counts as a constrained choice in year 2. Notice that students that decide to switch to the new TER still have to choose a course from the constrained choice in period 5 even if they have followed XB_0087 Information Management for CS. 	<p>Advice OLC (7.13 a)</p>
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Approval of the Programme Committee of the curriculum structure (submitted via UAS), on 21 December 2022.

Advice and approval by the Programme Committee (with the exception of the curriculum structure), on 1 June 2023.

Approved by the Faculty Joint Assembly, on 23 June 2023.

Adopted by the board of the Faculty of Sciences, on 23 June 2023.

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 i, 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 Colloquium doctum (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 exit qualifications	
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 Exit qualifications	7.13 paragraph 2 sub b, c

Article 10.4.1 Language of instruction	9.18 (<i>implementation expected in 2020</i>)
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 interim and final examinations, 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 Examination Board may grant exemptions from taking one or more examinations on the basis of interim examinations or final examinations 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 Binding Bachelor's Guidelines**

Section A, Article:	Concerns:	CvB ordinance/guideline
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	Fixed nr of EC	Bachelor-richtlijn, included in OER template, revised on 6 June 2017
2.2.1	Setup of the programme	Bachelor-richtlijn, included in OER template, revised on 6 June 2017
2.2.2, 2.2.3	Planning academic year (number of contact hours)	Bachelor-richtlijn, included in OER template, revised on 6 June 2017
2.2.4	Internationalisation	CvB ordinance, following the advice of the Internationalisation Board, in December 2008 and included in the IP
3.1.1, 3.1.2	Signing up for education and examinations	CvB ordinance 30-09-2010, prior consent USR.
3.4.1	Determination and publication of the results (1) Grading deadline exams ten working days (2) Theses twenty working days	(1) Bachelor-richtlijn, revised on 6 June 2017 (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	Bachelor-richtlijn, included in OER template, revised on 6 June 2017
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 OER 16-17 following a request from O&O 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	Joint CvB ordinance UvA-VU, 28-10-2013 Revised 'Regeling VU-UvA Honoursprogramma' on 27-11-2018
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 (2) Kaderregeling revised on 12-09-2017
5.2.2	Formal warning before February 1st	BSA kaderregeling ordinance CvB 18-01-2010 (1) BSA kaderregeling ordinance CvB 27-10-2015, consent USR on OER 2016-2017 (2) Kaderregeling 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 18-01-2010, consent USR on OER 2016-2017 (2) Kaderregeling revised on 12-09-2017
8.1.3	Application and Registration Regulation (RAI)	CvB ordinance 8-10-2019 (annually)
10.4.2	'Gedragscode vreemde taal' (Code of conduct for foreign languages)	CvB ordinance 20-07-2009

11.1.1	Academic core	Bachelor-richtlijn, included in OER template, revised on 6 June 2017 (Possibly 'development' instead of 'core' due to harmonisation with UvA. CvB ordinance 24-02-2014.
11.2	Major	Bachelor-richtlijn, included in OER template, revised on 6 June 2017
12.1	Elective period (first semester, third year)	Bachelor-richtlijn, included in OER template, revised on 6 June 2017
12.2.1	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.