

Teaching and Examination Regulations (TER)

Faculty of Science

Bachelorprogramme in Artificial Intelligence

Academic year: 2019-2020

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 for the programme, irrespective of the academic year in which the student was first enrolled for the programme. These regulations apply to the following Bachelor's programmes: Biomedical Sciences Business Analytics Computer Science Information Sciences Artificial Intelligence Mathematics	Advice OLC, approval FGV (9.38 sub b)
2.	These Regulations enter into force with effect from 1 September 2019.	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. (BSA) from the earlier earlier study followed at and/or outside the Vrije Universiteit Amsterdam

study programme(s) (including study programme followed earlier at the faculty of Science)

c. CvB: the Executive Board of Vrije Universiteit Amsterdam.

d. double degree programme joint programme in the context of cooperation between Vrije Unviersiteit Amsterdam

and the educational institution within and outside the EU, 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. 7.3.c WHW;

e. EC (European Credit): an EC credit with a workload of 28 hours of study;

f. educational component: a unit of study of the programme within the meaning of the WHW

g. examination: the final examination of the Bachelor's programme;

h. 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

i. FGV: Faculty joint assembly – assembly of the faculty student council and faculty staff

council;

j. interim examination: an assessment of the student's knowledge, understanding and skills relating to a

course component. The assessment is expressed in terms of a final mark. An interim examination may consist of one or more partial examinations. A resit always covers

the same material as the original interim examination;

k. 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;

l. OLC: programme committeem. period: a part of a semester

n. practical exercise: the participation in a practical training or other educational learning activity, aimed at

acquiring certain (academic) skills. Examples of practical exercises are:

o researching and writing a thesis or dissertation

carrying out a research assignment



o taking part in fieldwork or an excursion

o taking part in another educational learning activity aimed at acquiring specific skills, or

o participating in and completing a work placement;

o. premaster student those who enroll in a premaster programme;

p. programme: the totality and cohesion of the course components, teaching activities/methods,

contact hours, testing and examination methods and recommended literature;

q. SAP/SLM: the student information system (*Student Lifecycle Management*); r. semester: the first (September - January) or second half (February - August) of an

academic year;

s. 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://www.vu.nl/en/study-guide/;

t. subject see 'educational component';

u. substituting course/educational see under d (double degree programme). A course obtained at the

component educational institute, within the context of cooperation, that is mentioned in the

diploma supplement as such; not being an 'exemption'.

v. thesis: a component comprising research into the literature and/or contributing to

scientific research, always resulting in a written report;

w. thesis/internship research/ conducting own research, followed by the final report

research project

x. university: Vrije Universiteit Amsterdam;

y. WHW: the Dutch Higher Education and Research Act (Wet op het Hoger Onderwijs en

Wetenschappelijk Onderzoek);

z. workload: the workload of the unit of study to which an interim 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 educational components

1. The study programme will be offered in a year divided into two semesters.	Ordinance CvB, see appendix 3
2. Every semester consists of three consecutive periods of eight, eight and four weeks	Ordinance CvB, see appendix 3
3. An educational component comprises 6 EC or a multiple thereof.	Ordinance CvB, see appendix 3
4. By way of exception to paragraph 3, Section B may stipulate that a unit of study comprises 3 EC or a multiple thereof. The Executive Board has to give permission for this.	Ordinance CvB, see appendix 3

Article 2.2 Frame study programme

1.	The programme consists in any case of the following components:	Ordinance CvB,
	a. Academic development of at least 24 EC	see appendix 3
	b. Major/compulsory components of at least 90 EC	
	c. Elective components of study of at least 30 EC	
	The bachelor programme may entail practical exercises, further specified in Section B.	
2.	In the first year of the programme, the programme will offer at least fourteen contact	Ordinance CvB,
	hours a week.	see appendix 3
3.	In the second and third years of the programme, the programme will offer at least twelve	Ordinance CvB,
	contact hours a week.	see appendix 3



4	4. Internationalization is included as part of the Bachelor's programme and reflected in or more educational components, such as to gain knowledge and experience in collaboration	Ordinance CvB, see appendix 3
	and teamwork skills, the ability to work in an international, multidisciplinary team, to	
	follow English taught courses at the Vrije Universiteit Amsterdam or abroad.	

Article 2.3 Refusal or termination of registration / (iudicium abeundi)

1.	Pursuant to the provisions of Article 7.42a of the Act, the Faculty Board or the	WHW
	Examination Board may, in exceptional circumstances, request the Executive Board to	
	terminate or refuse a student's registration on a programme. This may be the case if the	
	student's conduct or statements demonstrate his or her unsuitability to work in the	
	relevant field or discipline, or to take part in the programme's practical training	
	component.	
2.	If a student is suspected of being unsuitable as described in paragraph 1, the	WHW
	Examination Board or the Faculty Board will examine the case, and the student will be	
	informed of this immediately. The Examination Board or the Faculty Board will only	
	issue a recommendation after careful consideration of the interests involved and	
	following a hearing with the student concerned.	

3. Assessment and Examination

Article 3.1 Signing up for education and interim examinations

1. Every student must sign up to participate in the educational components of the programme, the examinations and resits. The procedure for signing up is described in annex to the Student Charter.	an Ordinance CvB, see appendix 3
2. Signing up may only take place in the designated periods.	Ordinance CvB, see appendix 3
3. If a student fails both the exam and the resit, the student must repeat the entire unit of study. This rule does not apply to practical exercises and programmes that make use o component marks that retain their validity. For further regulations, see Section B of th programme involved.	f approval FGV,
4. Paragraph 1 and 2 shall apply mutatis mutandis to the premaster student.	

Article 3.2 Type of examination

1. At the student's request, the Examinations Board may permit a different form of interim	Advice OLC,
examination than that stipulated in the course catalogue. If applicable, more detailed	Approval FGV (7.13 l)
regulations on this are included in the Rules and Guidelines for the Examination Board.	(7.151)
2. In the case of a unit of study that is no longer offered, in the academic year following its	Advice OLC,
termination, at least one opportunity will be provided to sit the interim examination(s) or	approval FGV
parts thereof and a transitional arrangement will be included in the programme-specific	(7.13 j)
section for the subsequent period.	
3. Paragraph 1 and 2 shall apply mutatis mutandis to the premaster student.	

Article 3.3 Oral interim examinations

1.	An oral assessment is public unless the Examinations Board on request determines otherwise.	Advice OLC; approval FGV (7.13 l and n)
2.	An oral examination will be taken in the presence of a second examiner.	Advice OLC; approval FGV (art. 9.38 par. b)
3.	Paragraph 1 and 2 shall apply mutatis mutandis to the premaster student.	

Article 3.4 Determining and announcing results

Ī	1.	The examiner determines the result of a written interim examination as soon as	Ordinance CvB,
		possible, but at the latest within fifteen working days. Notwithstanding the provisions	see appendix 3
		in the previous sentence, the following also applies:	
		a. The assessment period for a thesis and/or final assignments may not exceed twenty	
		working days.	



b. The assessment period in the first year of the programme is not to exceed ten working days in conjunction with the Binding Study Advice (BSA).	
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.	
 a. The examiner determines the result (i.e. mark) of an oral examination as soon as possible, though within one working day, after the examination has finished and informs the student accordingly. The third clause of the first paragraph applies. b. The examiner will determine the result of the partial examination at least five working days prior to the next (partial) examination opportunity. 	Advice OLC; approval FGV (7.13 o)
3. In the case of alternative forms of oral or written examinations, the Examinations Board determines in advance how and by what deadline the student will be informed of the results.	Advice OLC; approval FGV (7.13 o)
4 A student can submit a request for reassessment to the examiner. A request for reassessment does not affect the time period for lodging an appeal.	Advice OLC; approval FGV (9.38 sub b)
5. Together with the result of an examination, the student's attention will also be drawn to their right to inspect the assessed work and have a post-examination discussion as stipulated in article 3.9 (TER), as well as his/her right to lodge a complaint before the Examination Board, and if necessary, to appeal to the Examination Appeals Board (in Dutch: COBEX).	
6. Paragraph 1 shall apply mutatis mutandis to the premaster student, with the exception of provisions under a) and b).	

Article 3.5 Examination opportunities 1. a. Per academic year, two opportunities to tak

1.	a. Per academic year, two opportunities to take examinations per educational component will be offered.	Ordinance CvB,
	b. The options for retaking practical components, work placements and theses are detailed	see appendix 3
	in the relevant work placement manual, teaching regulations or graduation regulations.	
2.	The most recent mark will apply in the event of a resit. A retake is allowed for both	Ordinance
	passed and failed units of study.	CvB,
		see appendix 3
3.	The resit for a (partial) interim examination must not take place within ten working days	Advice OLC;
	of the announcement of the result of the (partial) examination being resat.	approval FGV
		(7.13 j)
4.	The Examination Board may allow a student an extra opportunity to sit an examination if	Ordinance CvB,
	that student:	see appendix
	a) is lacking only those credits to qualify for his or her degree;	3
	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 assignments 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.	
5.	This article shall apply mutatis mutandis to the premaster student.	

Article 3.6 Marks

	1.	Marks are given on a scale from 1 to 10 with no more than one decimal point.	Ordinance CvB,
			see appendix 3
	2.	The final marks are given in whole or half points.	Ordinance CvB,
		, and the second	see appendix 3
Ī	3.	Final marks between 5 and 6 will be rounded off to whole marks: up to 5.5 rounded down;	Ordinance CvB,
		from 5.5 rounded up. To pass a course, a 6 or higher is required.	see appendix 3



In case the examination of a component 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:

From	Up to	Grade
1,00	1,25	1
1,25	1,75	1,5
1,75	2,25	2,0
2,25	2,75	2,5
2,75	3,25	3,0
3,25	3,75	3,5
3,75	4,25	4,0
4,25	4,75	4,5
4,75	5,50	5,0
5,50	6,25	6,0
6,25	6,75	6,5
6,75	7,25	7,0
7,25	7,75	7,5
7,75	8,25	8,0
8,25	8,75	8,5
8,75	9,25	9,0
9,25	9,75	9,5
9,75	10,0	10

4. The Examination Board can allow using symbols rather than numbers, such as: pass, fail, (un)satisfactory, good, VRS (exemption). In case a student does not take part in any (interim) examination, the examiner will register the mark 'ns' (c.q. no show).

Ordinance CvB, see appendix 3

. This article shall apply mutatis mutandis to the premaster student.

Article 3.7 Exemption

1.	At the written request of the student, the Examination Board may exempt the student	Advice OLC;
	from taking one or more examination components, if the student:	approval FGV (7.13 r)
	a) has passed a course component of a university or higher professional education	(7.131)
	programme that is equivalent in terms of content and level;	
	b) has demonstrated through his/her work and/or professional experience that he/she	
	has sufficient knowledge and skills with regard to the relevant course component.	
	The Examination Board will make a decision within six weeks after receiving the	
	request.	
2.	A maximum of 60 EC of the curriculum can be accumulated through granted	Advice OLC;
	exemptions for the one three-year bachelor programme. The substituting courses	approval FGV
	(educational components) are not included.	(art. 7.13 r
	(continue components) are not metados.	WHW jo art.
		9.38 sub b)
3.	The Bachelor's thesis is excluded from this exemption possibility.	Advice OLC;
		approval FGV
		(9.38 sub b)

Article 3.8 Validity period for results

1.	The validity period of interim examinations passed and exemption from interim	Legal provision
	examinations is unlimited, unless otherwise specified in Section B.	



2	. The validity period of a partial examination is limited to the academic year in which it	Advice OLC;
	was sat or until the end of the unit of study concerned, as stipulated for the relevant unit of study in Section B.	approval FGV (9.38 sub b)
	of study in Section B.	
3	. In exception to paragraphs 1 and 2 the results of the premaster programme remain valid until 1 September 2020.	Advice OLC; approval FGV (art. 9.38 par. b)

Article 3.9 Right of inspection and post-examination discussion

1.	For at least twenty working days after the announcement of the results of a written interim examination, the student can, on request, inspect his/her assessed work, the questions and assignments set in it, as well as the standards applied for marking. The place and time referred to in the previous clause will be announced at the time of the interim examination on VUnet or Canvas.	Advice OLC; approval FGV (7.13 p en q)
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 his or her own.	Advice OLC; approval FGV (7.13 q)
	Students who meet the requirements stipulated in paragraph 1 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.	Advice OLC; approval FGV (7.13 p en q)
4.	This article shall apply mutatis mutandis to the premaster student.	

Article 3.10 Fraud and plagiarism

	1. The provisions of the Rules and Guidelines for the Examination Board apply in full.	Ordinance CvB
ſ	2. Electronic detection software programmes may be used to detect plagiarism in texts. In	Ordinance CvB
	submitting a text, the student implicitly consents to the text being saved in the database	
	of the detection programme concerned.	

4. Honours programme

Article 4.1 Honours programme

1.	Vrije Universiteit Amsterdam offers an honoursprogramme for students who meet the	Ordinance CvB,
	admission requirements. As to participate in the Honours programme, the student can	see appendix 3
	apply online, or otherwise may be appointed by the programme director. The Honours	
	programme consists of educational components taken in addition to the standard	
	curriculum.	
2.	The honoursprogramme comprises 30 EC, a minimum of 12 EC of which consist of	Ordinance CvB,
	faculty honourscomponents and a minimum of another 12 EC consist of interfaculty	see appendix 3
	honourscomponents. The choices available to the student will be published via the website	
	(www.vu.nl/nl/opleidingen/overig-onderwijs/honours-programme/index.aspx) and/or the	
	study guide.	
3.	For admission to the honoursprogramme, the student must have secured all credits from	Ordinance CvB,
	the first year and have been awarded a weighted average mark of at least a 7.5.	see appendix 3
4.	A student who has met the requirements of the regular Bachelor's programme within the	Ordinance CvB,
	nominal duration of study, who has achieved an average weighted mark of at least 7.5 for	see appendix 3
	all components of the Bachelor's programme (excluded the honourscomponents) and who	
	has also met the requirements of the honoursprogramme will receive a Bachelor diploma	
	with a transcript indicating that he or she has successfully completed the	
	honoursprogramme.	
5.	In order to prevent significant unfairness, the Examination Board may deviate from the	(See art. 6.1.)
	provisions of paragraphs 3 and 4.	Advice OLC;
		approval FGV (9.38 sub b)
		(7.50 500 0)



5. Academic student counselling, advice regarding 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 re After the assessment of an educational component has been registered, every students.	nt has approval FGV
the right to inspect the result for that component and also has a list of the results ac	hieved (7.13 u)
at his/her disposal in VUnet.	
2. Enrolled students are eligible for academic student counselling. Academic student	Advice OLC;
counselling is provided by	approval FGV (7.13 u)
a. The Student General Counselling Service	(7.13 u)
b. Student psychologists	
c. Faculty academic advisors	
3. This article shall apply mutatis mutandis to the premaster students.	

Article 5.2 Advice regarding continuation of studies

The faculty board will issue every student on a full-time Bachelor's programme with a recommendation on continuation of his or her 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 3
2. Prior to 1 February, the student will receive an overview of his or her results.	Ordinance CvB, see appendix 3
3. A student who has not completed enough EC, will receive a warning stating that sufficient improvement is necessary to reach the standard for a positive recommendation on continuation of studies at the end of the academic year and will be advised to plan a meeting with an academic advisor. The purpose of this meeting will be to discuss the study methods, to review the choice of the bachelor programme, to discuss, if any, personal circumstances, and if necessary, a referral.	Advice OLC (7.13 f)
4. If the recommendation contains a rejection ('negative recommendation on continuation of studies') the provisions of Article 5.3 apply.	Advice OLC (7.13 f)
5. A recommendation will not be issued if the student terminates his or her enrolment before 1 February of his/her 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	Ordinance CvB,
	rejection if the student has not achieved the standard required for positive	see appendix 3
	recommendation on continuation of studies. The standard required for a positive	
	recommendation is 42 EC. Recommendation on continuation of studies will not be issued	
	if the student demonstrates that he/she did not meet the standard as described in Section	
	2.1 of the Implementation Regulation of the Higher Education and Research Act.	
2.	As soon as possible after the last resits of the second semester of the first year, a student	Ordinance CvB,
	who has not met the standard will be informed that the faculty board intends to issue him	see appendix 3
	or her 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 his/her 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 the student if he or she demonstrates that he or she	
	again did not meet the standard as a consequence of personal circumstances.	
3.	Along with the information referred to in the previous paragraph, the student will also be	Ordinance CvB,
	informed of the possibility of being heard by the BSA committee and of how he or she can	see appendix 3
	apply for such a hearing.	
4.	As soon as possible (no more than 10 working days) after the hearing and on the advice of	Ordinance CvB,
	the BSA committee, the faculty board will determine which students will be issued with a	see appendix 3
	negative binding recommendation on continuation of studies.	



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 Universeit Amsterdam within six weeks of the day of the decision's announcement.	Ordinance CvB, see appendix 3
6.	Students who receive a binding negative recommendation on continuation of studies may therefore not enroll in the same (or very similar) Bachelor's programme for the next three academic years. If applicable, further provisions concerning the related educational programmes are stipulated in Section B.	Ordinance CvB, see appendix 3

Article 5.4 Personal circumstances

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

Article 5.5 Adaptations for students with a disability

	ı v	
1.	A student with a disability can, at the moment of submission to VUnet, or at a later instance, submit a request to qualify for special adaptations with regard to teaching, practical training and interim examinations. These adaptations 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 study 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 psychological evaluation.	Advice OLC; approval FGV (7.13 m)
4.	The faculty board, or on behalf of the faculty board, the educational director, or the programme director, decides on the adaptations concerning the teaching facilities and logistics. The Examinations Board will rule on requests for adaptations 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 will make an appointment with the study adviser to discuss the details of the provisions.	Advice OLC; approval FGV (7.13 m)
6.	A request for adaptations will be refused if it would place a disproportionate burden on the organization or the resources of the faculty or university were it upheld.	Advice OLC; approval FGV (7.13 m)
7.	If the disability justifies an extension of the interim examination time, the Examination Board will grant permission testifying to this entitlement to an extension. If a disability justifies other measures to be taken, the Examination Board will advice the Faculty Board on the necessary measures to be taken.	Advice OLC; approval FGV (7.13 m)
8.	The decision as referred to in paragraph 7, is valid for a maximum period of one year with the exception for the chronic diseases and disabilities.	Advice OLC; approval FGV (7.13 m)
9.	This article shall apply mutatis mutandis to the premaster student, with the exception of	



provision concerning the fulfilment of the exit qualifications for the study programme	
mentioned in par. 1.	

6. Hardship clause

Article 6.1 Hardship clause

1.	In instances not regulated by the Teaching and Examination Regulations or in the event of	Advice OLC;
	demonstrable extreme unreasonableness and unfairness, the faculty board responsible for	approval FGV (9.38 sub b)
	the study programme will decide, unless the matter concerned is the responsibility of the	(9.38 sub b)
	Examinations Board.	
2.	This article shall apply mutatis mutandis to the premaster student.	

Article 6.2. Publication

	1. The faculty board will ensure the appropriate publication of these Regulations and any	WHW
	amendments to them.	
1	2. The Teaching and Examination Regulations will be posted in the study guide or on	WHW
	VUnet.	

Approved by authorized representative advisory body FGOV of the Faculty of Science on 3 September 2019.

Adopted by the Faculty Board on 30 August 2019.



Section B1: Programme specific – general provisions

7. General programme information and characteristics

Article 7.1 Study programme information

1.	The programme Artificial Intelligence (CROHO number 56945) is offered on a	Advice OLC;
	full- time basis.	approval
	Tull time busis.	FGV (7.13 i)
2.	The language of instruction is English.	Advice OLC;
		approval
		FGV (9.38 b)

Article 7.1a. Deviant size of educational component

	Inu	cic 7.1a. Deviant size	or educational component		
By way of derogation from art. 2.1 par. 3, the units listed below have deviant size: Approval					
	Χ	Course code	Course component	EC	(art. 7.13 lid 2, under e),
	Χ	L_ETBAALG006	Academic Writing (BETA)	3 EC	approval CvB
	Χ	X_400475	Computational Thinking	3 EC	
	Χ	X_400318	History of Science	3 EC	
	Χ	X_401089	Introduction to Artificial Intelligence	3 EC	
	Χ	X_400433	Philosophy	3 EC	
	Χ	XB_40002	Bachelor Project Artificial Intelligence	15 EC	

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 educational component are specified in the Study	Advice OLC;
	Guide.	approval
	Guide.	FGV (7.13 l)

8. Further admission requirements

Article 8.1 Additional previous education requirements

1.	Stud	lents who do not meet the previous education requirement as stipulated in	Exception in WHW:
	'Reg	ulations on Additional Prior Education Requirements for Higher Education'	advice OLC
	(Mir	nistry of Education Culture and Science) currently in force may still be admitted to	
	the	programme by successfully completing the following exams:	
	a.	Mathematics A equivalent to final-examination university entry level (VWO),	
		and;	
	b.	A command of English equivalent to pre-university final-exam level (VWO)	

Article 8.2 Colloquium doctum (entrance examination)

1.	Persons aged 21 years and older who do not meet the requirements for previous	Advice OLC;
	education can submit a request to the Executive Board to take an entrance examination	approval
	(colloquium doctum), as stipulated in Section 7.29 of the WHW. The entrance	FGV (9.38 b)
	examination concerns the following subjects at final pre-university examination level:	
	a. Mathematics A equivalent to final-examination university entry level (VWO), and;	
	b. A command of English equivalent to pre-university final-exam level (VWO);	
	c. Evaluation with two members of staff.	



2. Students who do not meet the previous education requirements but have successfully completed the first year of a higher professional education programme (HBO) can gain admission to the programme by demonstrating that their level of mathematics is comparable to Mathematics B as taught in Dutch pre-university secondary school programmes. The Admission Board will assess whether these conditions have been met.

Advice OLC approval FGV (9.38 b)



The	ese conditions include a sufficient command of the language of tuition.	
adm	proof that the entrance examination has been passed, only provides entitlement to hission to the intended programme or programmes for the academic year after the mination was taken.	Advice OLC; approval FGV (9.38 b)

9. Interim examinations and results

Article 9.1 Sequence of interim examinations

1.	Students may participate in interim examinations or practical exercises of the	Advice OLC;
	components below only if they have passed the interim examination or examinations	approval FGV
	for the components mentioned hereinafter:	(7.13 h, 7.13 s/t)
	x Not Applicable.	

Article 9.2 Validity period for results

1.	As laid down in article 3.8. of Teaching and Examination Regulations, part A of the Faculty of Sciences. No further rules 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 exam shows that a student's knowledge is insufficient or outdated, or if the student's skills and insights evaluated in the exam 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

Article 9.3. Degree

Students who have successfully completed the final examination and met all other	Legal provision
requirements stipulated in the WHW will be given the degree of Bachelor of Science,	
abbreviated to BSc. The degree awarded is stated on the diploma.	



Section B2: Programme specific – content of programme

10. Programme objectives, specializations and exit qualifications

Article 10.1 Programme objective

The objective of the bachelor Artificial Intelligence is to provide students with a suitable basis (theoretical and practical) for a further career, both in education as well as in employment in the broad field of Artificial Intelligence. The bachelor must be prepared for a number of different roles and opportunities.

Advice OLC; (7.13 a)

The bachelor provides the student with the specific knowledge and abilities, exemplified in the form of a bachelor's diploma that allows the bachelor to apply for any master's programme in Artificial Intelligence or other national or international master's programmes, particularly in related disciplines.

The bachelor prepares for a position in which the student can earn his or her own subsistence. In particular it prepares for:

- Supervised work on a national and international academic level;
- Positions in the modern high-tech society, such as functions in knowledge intensive companies and knowledge intensive parts of the non-profit sector.

The bachelor provides sufficient training in (scientific) reasoning, conduct, and communication to reach internationally accepted standards of academic skills at that level.

The bachelor's programme provides the bachelor with the knowledge and tools needed to form an informed opinion of the meaning and impact of Artificial Intelligence, and an informed notion of the responsibilities of a specialist in this area.

Article 10.2 Majors (specializations)

The programme has the following majors:

1. Intelligent Systems;

2. Socially Aware Computing.

Advice OLC; (7.13 a)

Article 10.3 Exit qualifications

The objectives of the Bachelor can be specified into final qualifications. To comply with international standards, these qualifications are presented below in terms of the Dublin descriptors.

Approval OLC (7.13 c)

At all events, a graduate of the study programme will have knowledge and understanding in the field of:

A. Knowledge and Understanding

The bachelor demonstrates knowledge and understanding in a field of study that builds upon and supersedes their general secondary education. Knowledge and understanding is typically at a level at which the bachelor, whilst supported by advanced textbooks, is able to include some aspects at the forefront of their field of study.

We distinguish two levels of qualification: a basic understanding, corresponding to



knowledge of the essentials and fundamentals of the field in question, such as knowing what the field is, knowing how to apply knowledge in said field, and knowing how to further develop oneself in the field in question, and an advanced understanding, corresponding to in-depth knowledge about a topic in question.

Qualifications:

- 1. Basic understanding of all (8) key areas of Artificial Intelligence. The 8 key areas are:
 - a) (Cognitive) Psychology;
 - b) Computational Linguistics;
 - c) Context of Artificial Intelligence (History, Philosophy, Ethics);
 - d) Intelligent Autonomous Agents and Multi-Agent Systems;
 - e) Interaction (Human-Computer Interaction, Communication);
 - f) Knowledge Representation and Reasoning;
 - g) Machine Learning;
 - h) Problem Solving (Search, Decision Making, Optimization).
- 2. For each of the two tracks, a different type of advanced knowledge is expected up to a level that without further requirements grants access to the VU master programme in Artificial Intelligence, as well to master programmes in Artificial Intelligence and related areas (e.g. Behavioral Science, Cognitive Science, Computational Science, Information Sciences and Computer Science) offered at other universities.
 - a) Track Socially aware computing: advanced understanding of and insight in the field of hybrid artificial intelligence (interplay of artificial and human intelligence), including the required background knowledge of socially aware artificial intelligence and ambient intelligence. The student has basic knowledge of physiological, psychological, or social aspects of human functioning that can be exploited in socially aware artificially Intelligent systems.
 - b) **Track Intelligent Systems**: advanced knowledge of at least one of the key areas in AI that are specific to the construction and evaluation of Intelligent Systems (particularly, but not exclusively 1b, d, e, f, g, h).

B. Applying Knowledge and Understanding

Bachelors can apply their knowledge and understanding in a manner that indicates a professional approach to their work or vocation, and have competences typically demonstrated through devising and sustaining arguments and solving problems and/or designing systems within their field of study. They are able to analyze, model and solve *prototypical* Artificial Intelligence problems by using *known* Artificial Intelligence methods and techniques.

Qualifications:

- 1. The ability to understand, apply, formulate, and validate models from the domains of Artificial Intelligence;
- 2. The ability to apply knowledge from the key areas of Artificial Intelligence. (as outlined in 10.3.1);
- 3. The ability to apply knowledge from the disciplines Computer Science, Logic and Mathematics to a level that is required to master the core AI knowledge and skills;
- 4. Analytical approach to problem solving and design:
 - a) Ability to comprehend (design) problems and abstract their essentials;



- b) Ability to construct and develop logical arguments with clear identification of assumptions and conclusions.
- 5. The ability to submit an argument in the exact sciences to critical appraisal;
- 6. Analytical and critical way of thought and ability to apply logical reasoning;
- 7. Openness to interdisciplinary cooperation and ability to effectively participate therein as an academic professional;
- 8. The ability to create an effective project plan for solving a prototypical Artificial Intelligent problem in a realistic/real life context.
- 9. Manage one's own learning and development, including time management and organizational skills.
- 10. The ability to transpose academic knowledge and expertise into (inter)national social, professional and economic contexts.
- 11. Readiness to address new problems in new areas, emerging from scientific and professional fields.

C. Making Judgements

The bachelor has the ability to gather and interpret relevant data (typically within the field of study) and to formulate judgments that include reflection on relevant social, academic or ethical issues.

Qualifications:

- 1. Ability to critically review results, arguments and problem statements from accepted perspectives in the field of Artificial Intelligence and neighboring disciplines;
- 2. Initial competence in search and critical processing of professional literature in Artificial Intelligence;
- 3. Acquaintance with the standards of academic criticism;
- 4. Awareness of, and responsible concerning, the ethical, normative and social consequences of developments in science and technology, particularly resulting from Artificial Intelligence.

D. Communication

The bachelor can communicate information, ideas, problems and solutions to audiences of both domain-specialist and a general audience.

Qualifications:

- 1. Academically appropriate communicative skills; the bachelor can:
 - a) Communicate ideas effectively in written form and through the use of Information and Communication Technology;
 - b) Make effective oral presentations, both formally and informally;
 - c) Understand and offer constructive critiques of the presentations of others.

E. Learning Skills

The bachelor has developed those learning skills that are necessary for a successful further study characterized by a high degree of autonomy (typically in the context of a master or a specialist profession).

Qualifications:



1	. Reflection on one's own style of thought and working methods and readiness to take	
	the necessary corrective action;	
2	. Recognise the need for continued learning throughout a professional career.	

Article 10.4 Language test

1. At the start of the first year of study every student must complete a diagnostic language test (AB_ELT) in the language of instruction of his or her programme.	Advice OLC; (7.13 a)
2. Any student who does not achieve a pass in the language test must take the 'Refresher Course' organized by the Language Desk (Taalloket).	Approval OLC (7.13 c)
3. The language test is part of the following educational component: B Artificial Intelligence (year 1). A mark can only be determined if the student has successfully completed the requirements of the educational component, including a pass in the language test or completing the Refresher Course.	Approval OLC (7.13 c)

11. Curriculum structure

Article 11.1 Academic development

1.	Academic development i	s part of the study programme. This incl	udes:	Ordinance CvB, see appendix 3
	(1) Academic skills/critic	cal reasoning		
	L_ETBAALG006	Academic Writing (BETA)	3	
	(2) Methods & technique	s		
	X 401096	Intro to Programming (Python)	6	
	X_401020	Statistical Methods	6	
	(3) Philosophical training			
	X_400318	History of Science	3	

Article 11.2 Major

1	. The major comprises a package of compulsory and possibly optional units of study.	Ordinance CvB, see appendix 3
2	2. In addition, units of study are categorized as introductory (100), in-depth (200) and advanced (300) level.	Ordinance CvB, see appendix 3

Article 11.3 Compulsory educational components of the major

A detailed description per educational component can be found in the Study Guide.

Name of educational component	course code	nr of E C	level	Advice OLC; (7.13 a)
Yea	r 1			
Academic Writing (BETA)	L_ETBAALG006	3	100	
Computational thinking	X_400475	3	100	1
History of Science	X_400318	3	200]
Human-Computer Interaction	XB_0013	6	100]
Intelligent Systems	XB_0031	6	100	1
Introduction to Programming (Python)	X_401096	6	100]
Introduction to Artificial Intelligence	X_401089	3	100	



Introduction Psychology Methods LI	P_BIPM_LI	6	100	
Logic and Sets	X 401090	6	100	
Dynamic Modelling for Human-Centered Systems	XB_0036	6	100	
Project Artificial Intelligence	X_401076	6	200	
English Language Test	X_TAALTOETS	0	100	
Web Technology	X_400488	6	100	
Year 2		l.	•	
Databases	X_401008	6	200	
Knowledge and Data	X_400083	6	300	
Intelligent Systems	X_401086	6	200	
Multi-Agent Systems	XB_0024	6	200	
Linear Algebra	X_400649	6	200	
Statistical Methods	X_401020	6	200	
Study and career for AI	XB_0022	0	200	
Year 3		•	•	
Bachelor project Artificial Intelligence	XB_40002	15	300	
Philosophy	X_400433	3	200	
Machine Learning	X_400154	6	300	
Text Mining	L_PABAALG002	6	300	
Track Intelligen	t Systems			
Data Structures and Algorithms	X_400614	6	200	
Machine Learning	X_400154	6	300	
Computational Intelligence	XB_0025	6	200	
Project Embodied AI	XB_0026	6	200	
Track Socially		•	•	
Computi		-		
Dynamic Modelling for SAS	XB_0023	6	200	
Cognitive Psychology AI	P_BCOGPSY	6	100	
AI in Health	XB_0020	6	200	
AI in Health Project	XB_0021	6	200	

Article 11.4 Participation in practical exercise

The study guide spe	cifies th	e requirements for each degree component, as well as	Approval OLC	ì
component attendan	nce requi	rements.	(7.13 d)	ı

12. Electives

Article 12.1 Elective period

1.	The first semester of the third year of the curriculum comprises elective educational components.	Ordinance CvB, see appendix 3
2.	For this elective period, the student can take: x a minor (a coherent package of related educational components); x individual choice of at least five educational components at the faculty or elsewhere, of which at least two (12 EC) must be at least level 300, and not more than one (6EC) at level 100.	Ordinance CvB, see appendix 3
3.	Prior consent must be obtained from the Examination Board.	Ordinance CvB, see appendix 3



Article 12.2 Minors

1. The student who meets the admission requir	ements can take a 'Uni	iversity	minor' without	
prior consent from the Examination Board.	The 'University minors	s' are lis	ted on the	see appendix 3
VU website.				
2. The student can take one of the following m	inors without prior con	sent fro	m the	Advice OLC;
Examination Board:				(7.13a)
Minor / Courses	Coursecode	EC	Level	
Minor Deep Programming				
Compiler Construction	XB_0003	6	300	
Concurrency & Multithreading	X_401031	6	400	
Equational Programming	X_401011	6	300	
Secure programming	XB_40005	6	300	
Requirements Engineering	XB_0032	6	300	
Minor Bioinformatics and Systems Biology				
HBO Bioinformatics / Biotechnology (X_MINBS)		_	200	
Evolutionary Genetics	AB_1022	6	300	
Calculus	X_400617	6	100	
Mathematics Premaster Course	X_432806	6	400	
Biomedical Sciences/ Biology / HLO (X_MINBSI				
Calculus	X_400617	6	100	
Introduction to Programming (Python)	X_401096	6	100	
Mathematics Premaster Course	X_432806	6	400	
Minor BSB electives (X_MINBSB_K1)				
Evolutionary Genetics	AB_1022	6	300	
From Protein to Cell	AB_1052	6	300	
Molecular Cell Biology	AB_1053	6	300	
Knowledge and Data	X_400083	6	300	
Information Retrieval	X_400435	6	300	
Mechanics and thermodynamics in the cell	X_422589	6	400	
X_MINBSB_LSI Life Style Informatics (12 EC rec	guired)			
Mathematics Premaster Course	X_432806	6	400	
Calculus	X_400617	6	100	
Biochemistry	AB_1137	6	100	
Medical Natural Sciences (X_MINBSB_MNW)				
Evolutionary Genetics	AB_1022	6	300	
Introduction to Programming (Python)	X_401096	6	100	
Minor BSB compulsory courses	X_MINBSB_V	1		
Principles of Bioinformatics	X_401094	6	300	
Research Questions in Bioinformatics	XB_401081	6	300	
Minor Web Services and Data				
Strategic Management of Technology & Innov.	E_BK3_SMTI	6	300	
Service Science	X_401077	6	300	
Data Analytics & Privacy	R_DAP	6	300	
Information Retrieval	X_400435	6	300	
Data Wrangling	XB_0014	6	300	
Minor Data Science				
Calculus 1	X_400635	6	100	



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Data Wrangling	XB_0014	6	300
Information Retrieval	X_400435	6	300
Introduction to Data Science	XB_40018	6	200
Data Analytics and Privacy	R_DAP	6	300
Minor Flexible			
Advanced Programming	X_400561	6	200
Business Modeling and Requirements Eng.	X_401005	6	200
Concurrency & Multithreading	X_401031	6	400
Data Structures and Algorithms	X_400614	6	200
Data Wrangling	XB_0014	6	300
Equational Programming	X_401011	6	300
Information Retrieval	X_400435	6	300
Principles of Bioinformatics	X_401094	6	300
Service Science	X_401077	6	300
Requirements Engineering	XB_0032	6	300
Educational minor			
Compulsory courses (OM_EMVERPL)			
O_EMDID1	EM Didactiek 1	6	300
O_EMPRAK1	EM Praktijk 1	6	300
O_EMPEERGR	EM Peergroep	0	300
O_EMDID2	EM Didactiek 2	9	300
O_EMPRAK2	EM Praktijk 2	9	300

13. Honours programme

Article 13.1 Faculty Honours components

The components of the Honours programme offered by the faculty are:

The Faculty component of the Honours Programme at the Department of Computer Science consists of either 12EC or 18 EC that students can earn by taking extra internal courses, and/or conducting a research project. The total volume of any Honours Programme is 30EC, with the interdepartmental part having either 12EC or 18EC, depending on the student's choice for the faculty component.

Advice OLC; (7.13 a)

The following options are available for the Faculty component:

- Option 1: students define and lead a research project that is worth 18 EC;
- Option 2: students define and lead a research project that is worth 12 and take the course *Caput Elective* for 6 EC;
- Option 3: students define and lead a research project that is worth 12 EC;
- Option 4: students define and lead a research project that is worth 6 EC and take the course *Caput Elective* for 6 EC;
- Option 5: besides *Caput Elective*, students take, in consultation with the honourscoordinator of the Department of Computer Science, one extra 6EC course on level 300 which is not in students' regular study programme and which is a meaningful contribution to their honoursprogramme.

The educational components of the honoursprogramme offered by the Department of Computer Science are:

X_HP003 Honours Research Project 1 (6EC);



X_HP007 Honours Research Project 2 (12EC);
 X_HP008 Caput Elective (6EC)
 (Every year the Department of Computer Science offers an extra honours course in period 5, called Caput Elective. Contents reflect timely topics and depend on the availability of staff. Honours students will be informed about this course in January.)

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	Advice OLC (7.13 f)
	must have obtained at least 42 EC by the end of the first year of enrolment.	
2.	Qualitative requirements are not applicable	Advice OLC (7.13 f)
3.	Students who receive a binding negative recommendation on continuation of studies	Advice OLC (7.13 f)
	cannot enroll for the following Bachelor's programme(s) offered by the Faculty during	
	the subsequent three academic years:	
	X Artificial Intelligence.	

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 evaluation	Approval OLC
	plan. The faculty evaluation plan offers the framework.	(7.13 a1)

Article 15.2 Transitional provisions

By way of departure from the Teaching and Examination Regulations currently in force, the	Advice OLC
following transitional provisions apply for students who started the programme under a	(7.13 a)
previous set of Teaching and Examination Regulations: not applicable.	

Advice and approval by the Programme Committee B Artificial Intelligence, on 03 June 2019.

Approved by the Faculty Joint Assembly, on 3 September 2019.

Adopted by the board of the Faculty of Science on 30 August 2019.



Appendix I Overview of articles that must be included in the OER

Based on Section 7.13, paragraph 2, of the WHW and other Sections of the Act.

Section B1: Programme specific – general provisions

Section B1. Programme specific – general provisions			
7. General programme information and characteristics			
7.13 paragraph 2 sub i, r			
7.13 paragraph 2 sub l, x			
7.13 paragraph 2 sub u			
8. Further admission requirements			
n requirements 7.25, paragraph 4			
7.29, paragraph 2			
9. Interim examinations and results			
7.13 paragraph 2 sub h, s, t			
7.13 paragraph 2 sub k			

Section B2: Programme specific – content of programme

Section B2. Programme specime Content of programme			
10. Programme objectives, specializations and exit qualifications			
Article 10.1 Programme objective	7.13 paragraph 2 sub a		
Article 10.2 Majors (specializations)	7.13 paragraph 2 sub a		
Article 10.3 Exit qualifications	7.13 paragraph 2 sub b, c		
11. Curriculum structure			
Article 11.1 Academic development	7.13 paragraph 2 sub a		
Article 11.2 Major	7.13 paragraph 2 sub a		
ticle 11.3 Compulsory educational components of the major 7.13 paragraph 2 sub a			
Article 11.4 Elective educational components of the major	tive educational components of the major 7.13 paragraph 2 sub a		
Article 11.5 Practical exercise	7.13 paragraph 2 sub d		
Article 11.6 Participation in practical exercise	xercise 7.13 paragraph 2 sub d		
12. Electives			
Article 12.1 Elective period	7.13 paragraph 2 sub a		
Article 12.2 Minors	7.13 paragraph 2 sub a		
13. Honours programme			
Article 13.1 Faculty Honours components	7.13 paragraph 2 sub a		
14. Binding recommendation on continuation of studies (BSA)			
ticle 14.1 Binding (negative) recommendation 7.13 paragraph 2 sub f			
15. Evaluation and transitional provisions			
Article 15.1 Evaluation of the education	7.13 paragraph 2 sub a1		
Article 15.2 Transitional provisions	7.13 paragraph 2 sub a		



$\begin{array}{c} \textbf{Appendix II Overview of rights to prior consultation (advice) and rights to approve OLC and } \ FGV \\ \textbf{(Dutch only)} \end{array}$

rwerpen Onderwijs – en Examenregeling (OER) 7.13 lid 2 WHW		7	OplC		
		A	I	A	
a. de inhoud van de opleiding en van de daaraan verbonden examens					
a1. de wijze waarop het onderwijs in de desbetreffende opleiding wordt geëvalueerd					
b. de inhoud van de afstudeerrichtingen binnen een opleiding					
c. de kwaliteiten op het gebied van kennis, inzicht en vaardigheden die een student zich bij beëindiging van de opleiding moet hebben verworven					
d. waar nodig, de inrichting van praktische oefeningen					
e. de studielast van de opleiding en van elk van de daarvan deel uitmakende onderwijseenheden					
f. de nadere regels, bedoeld in de Articleen 7.8b, zesde lid, en 7.9, vijfde lid (BSA)					
g. ten aanzien van welke masteropleidingen toepassing is gegeven aan Article 7.4a, achtste lid (verhoogde studielast)					
h. het aantal en de volgtijdelijkheid van de tentamens alsmede de momenten waarop deze afgelegd kunnen worden					
i. de voltijdse, deeltijdse of duale inrichting van de opleiding					
j. waar nodig, de volgorde waarin, de tijdvakken waarbinnen en het aantal malen per					
studiejaar dat de gelegenheid wordt geboden tot het afleggen van de tentamens en examens			\bot		
k. waar nodig, de geldigheidsduur van met goed gevolg afgelegde tentamens, behoudens de bevoegdheid van de examencommissie die geldigheidsduur te verlengen					
l. of de tentamens mondeling, schriftelijk of op een andere wijze worden afgelegd, behoudens de bevoegdheid van de examencommissie in bijzondere gevallen anders te bepalen					
m. de wijze waarop studenten met een handicap of chronische ziekte redelijkerwijs in de					
gelegenheid worden gesteld de tentamens af te leggen				Щ	
n. de openbaarheid van mondeling af te nemen tentamens, behoudens de bevoegdheid van de examencommissie in bijzondere gevallen anders te bepalen					
o. de termijn waarbinnen de uitslag van een tentamen bekend wordt gemaakt alsmede of en					
op welke wijze van deze termijn kan worden afgeweken			-	Н	
p. de wijze waarop en de termijn gedurende welke degene die een schriftelijk tentamen heeft afgelegd, inzage verkrijgt in zijn beoordeelde werk					
q. de wijze waarop en de termijn gedurende welke kennis genomen kan worden van vragen					
en opdrachten, gesteld of gegeven in het kader van een schriftelijk afgenomen tentamen en van de normen aan de hand waarvan de beoordeling heeft plaatsgevonden					
r. de gronden waarop de examencommissie voor eerder met goed gevolg afgelegde tentamens of examens in het hoger onderwijs, dan wel voor buiten het hoger onderwijs opgedane kennis of vaardigheden, vrijstelling kan verlenen van het afleggen van een of meer tentamens					
s. waar nodig, dat het met goed gevolg afgelegd hebben van tentamens voorwaarde is voor de toelating tot het afleggen van andere tentamens	Г				
t. waar nodig, de verplichting tot het deelnemen aan praktische oefeningen met het oog op de toelating tot het afleggen van het desbetreffende tentamen, behoudens de bevoegdheid van de					
examencommissie vrijstelling van die verplichting te verlenen, al dan niet onder oplegging van vervangende eisen					
u. de bewaking van studievoortgang en de individuele studiebegeleiding					
v. indien van toepassing: de wijze waarop de selectie van studenten voor een speciaal traject binnen een opleiding, bedoeld in Article 7.9b, plaatsvindt (excellentietraject <u>binnen</u> een opleiding)					
x. de feitelijke vormgeving van het onderwijs					
alle overige onderwerpen die in de OER zijn geregeld maar die niet als zodanig zijn genoemd in art. 7.13 WHW onder a t/m x.					
De lattering hourt groups must be lattering upon Amide 7 12 id 2 WHW	_	_	_		

De lettering komt overeen met de lettering van Article 7.13 lid 2 WHW

Afkortingen:

I:

A:

FGV: Facultaire Gezamenlijke

Vergadering OplC:

Opleidingscommissie Instemmingsrecht Adviesrecht



Appendix III Ordinances VU Executive Board (CvB) and Binding Bachelor's Guidelines

Deel B, Article:	Concerns:	CvB ordinance / guideline
11.1.1	Academische development	Bachelor-richtlijn, revised on 6 June 2017
11.2	Major	Bachelor-richtlijn, revised on 6 June 2017
12.1	Elective period (first semester, 3rd year)	Bachelor-richtlijn, revised on 6 June 2017
12.2.1	Participation in universityminor	CvB ordinance Profileringsruimte 22-11-2010



Appendix IV Article 2.1 of the WHW Implementation Decree (1 juni 2018)

(Currently only in Dutch, official translation will follow soon)

- 1. De persoonlijke omstandigheden bedoeld in de artikelen 7.8b, derde lid, en 7.9, derde lid, van de wet, zijn uitsluitend:
- a. ziekte van betrokkene,
- b. lichamelijke, zintuiglijke of andere functiestoornis van betrokkene,
- c. zwangerschap van betrokkene,
- d. bijzondere familie-omstandigheden,
- het lidmaatschap, daaronder begrepen het voorzitterschap, van:
 bij universiteiten: de universiteitsraad, faculteitsraad, het orgaan dat is ingesteld op grond van de
 medezeggenschapsregeling, bedoeld in artikel 9.30, derde lid, onderscheidenlijk artikel 9.51, tweede lid,
 van de wet, het bestuur van een opleiding of de opleidingscommissie, alsmede het lidmaatschap van het
 bestuur van een stichting die blijkens haar statuten tot doel heeft de exploitatie van voorzieningen,
 behorende tot de studentenvoorzieningen, dan wel van een daarmee naar het oordeel van het
 instellingsbestuur gelet op de taak gelijk te stellen orgaan.
- f. andere in de regelingen, bedoeld in de artikelen 7.8b, zesde lid, en 7.9, vijfde lid, van de wet door het instellingsbestuur aan te geven omstandigheden waarin betrokkene activiteiten ontplooit in het kader van de organisatie en het bestuur van de zaken van de instelling,
- g. het lidmaatschap van het bestuur van een studentenorganisatie van enige omvang met volledige rechtsbevoegdheid, dan wel van een vergelijkbare organisatie van enige omvang, bij wie de behartiging van het algemeen maatschappelijk belang op de voorgrond staat en die daartoe daadwerkelijk activiteiten ontplooit.
- 2. Het instellingsbestuur kan voor de toepassing van het eerste lid, onderdeel g, nadere regels vaststellen omtrent het aantal bestuursleden dat ten hoogste per organisatie per studiejaar in aanmerking komt, zomede omtrent welke bestuursfuncties in aanmerking komen.

