

Teaching and Examination Regulations (TER)

Faculty of Science

Masterprogramme in Earth

Sciences

Academic year: 2019-2020

- A: Faculty section
- B1: Programme specific section general provisions
- B2: Programme specific section content of programme

Index

Section A: Faculty Section	4
1. General provisions	4
Article 1.1 Applicability of the Regulations	4
Article 1.2 Definitions	4
2. Study programme structure	5
Article 2.1 Structure of academic year and educational components	5
Article 2.2 Refusal or termination of registration / (iudicium abeundi)	6
3. Assessment and Examination	6
Article 3.1 Signing up for education and interim examinations	6
Article 3.2 Type of examination	6
Article 3.3 Oral interim examinations	6
Article 3.4 Determining and announcing results	6
Article 3.5 Examination opportunities	7
Article 3.6 Marks	7
Article 3.7 Exemption	8
Article 3.8 Validity period for results	8
Article 3.9 Right of inspection and post-examination discussion	8
Article 3.10 Fraud and plagiarism	
4. Academic student counselling and study progress	9
Article 4.1 Administration of study progress and academic student counselling	9
Article 4.2 Adaptations for students with a disability	9
5. Hardship clause	
Article 5.1 Hardship clause	
Article 5.2. Publication	
Section B1: Programme specific – general provisions	
6. General programme information and characteristics	11
Article 6.1 Study programme information	11
Article 6.1a. Deviant size of educational component	11
Article 6.2 Teaching formats used and modes of assessment	11
Article 6.3 Academic student counselling	11
7. Further admission requirements	11
Article 7.1 Intake date(s)	11
Article 7.2 Admission requirements	
Article 7.3 Pre-Master's programme	13
8. Interim examinations and results	
Article 8.1 Validity period for results	13
Article 8.2 Maximum Exemption(s)	13
Article 8.3 Degree	14
Section B2: Programme specific – content of programme	15



9.	Programme objectives, specializations and exit qualifications	15
	Article 9.1 Workload	15
	Article 9.2 Specializations	15
	Article 9.3 Programme objective	15
	Article 9.4 Exit qualifications	15
10). Curriculum structure	19
	Article 10.1 Composition of the programme	19
	Article 10.2 Compulsory educational components	
	Article 10.3 Elective educational components	
	Article 10.4 Practical exercise	
	Article 10.5 Participation in practical training and tutorials	23
11		
	Article 11.1 Evaluation of the education	23
	Article 11.2 Transitional provisions	23
	ppendix I Overview of articles that must be included in the OER	
	ppendix II Overview of rights to prior consultation (advice) and rights to approve OLC and FGV	
A	ppendix III Ordinances VU CvB and Binding Guidelines (richtlijn)	



Section A: Faculty Section

1. General provisions

Article 1.1 Applicability of the Regulations

 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 teaching and examinations for the following Master's degree programmes: Artificial Intelligence Bioinformatics and System Biology Biomedical Sciences Biomolecular Sciences Business Analytics Computer Science Drug Discovery and Safety Earth Sciences Ecology Environment and Resource Management Global Health (research) Health Sciences Hydrology Information Sciences Management, Policy Analysis and Entrepreneurship in the Health and Life Sciences Medical Natural Sciences Neurosciences (research) Parallel and Distributed Computer Systems Science Business and Innovation Stochastics and Financial Mathematics 	Advice OLC, approval FGV (9.38 ub b)
2. These Regulations enter into force with effect from 1 September 2019.	Advice OLC, approval FGV (9.38 ub 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. CvB:	the Executive Board of Vrije Universiteit Amsterdam.
c. 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. 7.3c WHW';
d. EC (European Credit):	an EC credit with a workload of 28 hours of study;
e. educational component:	a unit of study of the programme within the meaning of the WHW;
f. examination:	the final examination of the Master's programme;
g. 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;
h. FGV:	Faculty joint assembly – assembly of the faculty student council and faculty staff council;
i. interim examination:	an assessment of the student's knowledge, understanding and skills relating to a course



2019-2020	Teaching and Examination Regulations Masterprogramme in Earth Sciences	5/26
j. joint degree:	component. The assessment is expressed in terms of a final mark. An ir examination may consist of one or more partial examinations. A resit al same material as the original interim examination; a degree awarded by an institution together with one or more institution	ways covers the
j. joint degree.	Netherlands or abroad, after the student has completed a study program programme, a major or a specific curriculum within a degree programm collaborating institutions are jointly responsible;	me (a degree
k. OLC:	programme committee;	
l. period:	a part of a semester;	
m. practical exercise:	the participation in a practical training or other educational learning act acquiring certain (academic) skills. Examples of practical exercises are: o 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 ac skills, or 	equiring specific
	• participating in and completing a work placement;	
n. premaster student	those who enroll in a premaster programme;	
o. Programme:	the totality and cohesion of the course components, teaching activities/	nethods, contact
	hours, testing and examination methods and recommended literature;	
p. SAP/SLM:	the student information system (Student Lifecycle Management);	
q. semester:	the first (September - January) or second half (February - August) of an academic year;	1
r. study guide:	the guide for the study programme that provides further details of the co and other information specific to that programme. The Study Guide is a electronically at:	-
	https://www.vu.nl/studiegids	
s. subject	see 'educational component';	
t. substituting course/ed		
component	educational institute, within the context of cooperation, that is mention supplement as such; not being an 'exemption'.	ed in the diploma
u. thesis/ internship wor	rk placement a component comprising research into the literature and/or contributin	g to
-	scientific research, always resulting in a written report;	-
v. university:	Vrije Universiteit Amsterdam;	
w. WHW:	the Dutch Higher Education and Research Act (Wet op het Hoger Onde	erwijs en
	Wetenschappelijk Onderzoek);	
x. workload:	the workload of the unit of study to which an interim examination appli	
	terms of credits = EC credits (ECTS = European Credit and Transfer A	ccumulation
	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 Faculty Board requests permission from the Executive Board.
 Ordinance CvB, see appendix 3

Article 2.2 Refusal or termination of registration / (iudicium abeundi)

1.	Pursuant to the provisions of Article 7.42a of the Act, the Faculty Board or the 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.	WHW
2.	If a student is suspected of being unsuitable as described in paragraph 1, the 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.	WHW

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 an annex to the Student Charter.	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 does not pass the examination and the resit of a component, he/ she is obliged to take the whole component again. This rule does not apply to practical exercises and programmes that make use of component marks that retain their validity. For further regulations see Section B of the programme involved.	Advice OLC, approval FGV (7.13 x)

Article 3.2 Type of examination

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

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)

Article 3.4 Determining and announcing results

1. The examiner determines the result of a written interim examination as soon as possible,	Ordinance CvB,
but at the latest within fifteen working days. By way of departure from that stipulated in	see appendix 3
the first clause, the marking deadline for theses, internships / work placements and final	
assignments is no longer than twenty working days. 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.	



2.	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 determines the result of an interim examination no later than five working days before the next (interim) examination will be held.	Advice OLC; approval FGV (7.13 o)
3.	In the case of alternative forms of 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)
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 Art. 3.9, as well as his/her option to lodge a complaint before the Examination Board, and if necessary, to appeal to the Examinations Appeals Board (in Dutch: COBEX).	

Article 3.5 Examination opportunities

1 o Dom	and amin your two apportunities to take examinations per advectional	Ordinance CvB,
	academic year, two opportunities to take examinations per educational	see appendix 3
compo	onent will be offered.	see appendix 5
b. The op	tions for retaking practical components, work placements and theses are detailed	
in the	relevant work placement manual, teaching regulations or graduation regulations.	
2. The m	nost recent mark will apply in the event of a resit. A retake is allowed for both	Ordinance CvB,
	and failed units of study.	see appendix 3
3. The re	esit for a (partial) interim examination must not take place within ten working	Advice OLC;
davs o	of the announcement of the result of the (partial) examination being resat.	approval FGV
		(7.13 j)
4. The E	xamination Board may allow a student an extra opportunity to sit an	Ordinance CvB,
exami	nation if that student:	see appendix 3
a) is	lacking only those credits to qualify for his or her degree;	
b) h	as failed the examination during all the previously offered attempts, unless	
p	articipation in an examination was not possible for compelling reasons.	
The extra	a 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	
Maste	r'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	
exami	nation may deviate from the provisions in the study guide.	

Article 3.6 Marks

Alucie 5.0 Marks					-
1. Marks are given or	n a scale from	n 1 to 10 with no m	ore than one dec	imal point.	Ordinance CvB,
C C				-	see appendix 3
2. The final marks are	e given in wl	nole or half points.			Ordinance CvB,
	0	1			see appendix 3
3. Final marks betwee	en 5 and 6 w	ill be rounded off to	o whole marks: u	p to 5.5 rounded down;	Ordinance CvB,
		course, a 6 or high		,,	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 I	Board can all	ow to use symbols	rather than numbe	ers, such as:	Ordinance CvB, see appendix 3
pass, fail, (un)satisfac		-		_	and appendit o
any (interim) exam	nination, the	examiner will regist	ter the mark 'ns' (c.q. no show).	

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 the student: a) has passed a course component of a university or higher professional education 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. 	Advice OLC; approval FGV (7.13 r)
2.	The Master's thesis, the final work placement (c.q. internship) and the final project (c.q. final paper) are excluded from this exemption possibility.	Advice OLC; approval FGV (9.38 sub b)
3.	A maximum of 18 EC for a one one-year master programme and 36 EC for a one two- year master programme can be accumulated through granted exemption. The substituting courses (educational components) are not included.	Advice OLC, approval FGV (art. 7.13 par. 2, under r WHW jo art. 9.38 par. b)

Article 3.8 Validity period for results

1.	The validity period of interim examinations passed and exemption from interim	WHW
	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 was sat or until the end of the unit of study concerned, as stipulated for the relevant unit of study in Section B.	Advice OLC; approval FGV (9.38 sub b)
	or study in Section B.	

Article 3.9 Right of inspection and post-examination discussion

1. For twenty working days after the announcement of the results of a written interim	Advice OLC;
examination, the student can, on request, inspect his or her assessed work, the questions	approval FGV
and assignments set in it, as well as the standards applied for marking.	(7.13 p en q)
The place and time referred to in the previous clause will be announced at the time of the	
interim examination on VUnet or Canvas.	



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)
3. 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)

Article 3.10 Fraud and plagiarism

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

4. Academic student counselling and study progress

Article 4.1 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 an educational component has been registered, every student has	Advice OLC; approval FGV (7.13 u)
	the right to inspect the result for that component and also has a list of the results achieved at his or her disposal in VUnet.	(7.13 u)
2.	Enrolled students are eligible for academic student counselling. Academic student counselling is in any case provided by:	Advice OLC; approval FGV (7.13 u)
	. The Student General Counselling Service	
	 Student psychologists Faculty academic advisors 	

Article 4.2 Adaptations for students with a disability

1 11 11	cic 4.2 Adaptations for students with a disability	
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 Examination 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	Advice OLC; approval FGV (7.13 m)



	justifies other measures to be taken, the Examination Board will advice the Faculty Board	
	on the necessary measures to be taken.	
8.	The decision as referred to in paragraph 7, is valid for a maximum period of one year with	Advice OLC;
	the exception for the chronic diseases and disabilities.	approval FGV (7.13 m)

5. Hardship clause

Article 5.1 Hardship clause

In instances not regulated by the Teaching and Examination Regulations or in the event of demonstrable extreme unreasonableness and unfairness, the faculty board responsible for the study programme will decide, unless the matter concerned is the responsibility of the Examinations Board.	Advice OLC; approval FGV (9.38 sub b)
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Article 5.2. Publication

1. The faculty board will ensure the appropriate publication of these Regulations and any	WHW
amendments to them.	
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.



6. General programme information and characteristics

Article 6.1 Study programme information

1	The programme Msc Earth Sciences CROHO number 66986 is offered on a full-time basis.	Advice OLC; approval FGV (7.13 i)
2	The language of instruction is English with the exception of Sociale Geografie II (AM_1051) in the Education variant, see II. Education i)	Advice OLC; approval FGV (9.38 sub b)

Article 6.1a. Deviant size of educational component

By way of dero	gation from art. 2.1 par. 3, the units listed below have devia	nt size:	Approval OLC (art. 7.13 lid 2, under e), approval
Code	Course name	EC	CvB
AM_1012	Hydrological Systems and Water Management.	3	
AM_1149	Research Project Earth and Climate	27	
AM_1186	Master Thesis Geology and Geochemistry	27	
AM_1187	Research Project Geology and Geochemistry	27	
AM_1228	Thesis Project Earth and Climate	27	
Am_1242	NIOZ summer course	3	
AM_450058	Sediment Petrography of Heavy Minerals	3	
AM_450061	Volcanism	3	
AM_450164	Precambrian Geology	3	
AM_450169	Diagenesis of Sedimentary Rocks	3	
AM_450171	Advanced Geochronology	3	
AM_450172	Advanced Inorganic Geochemistry	3	
AM_450179	Petroleum Systems and Regional Geology	3	
AM_450229	Introduction Field Excursion	3	
AM_450354	Scotland Excursion	3	
	its of study comprise deviating numbers of EC due to course versities with their own rules for the size of units of study	es being offered at	

Article 6.2 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 FGV (7.131)

Article 6.3 Academic student counselling

In addition to the student counselling mentioned in Section A, the respective coordinator for	Advice OLC;
the different specializations is available for additional advice.	approval FGV (7.13 u)

7. Further admission requirements

Article 7.1 Intake date(s)

1. The prog	gramme starts September 1.	Advice OLC; approval
1	· •	FGV (9.38 sub b)



Articl	le 7.2 Admission requirements	
1.	Admission to the Master's programme is possible for an applicant who has obtained a	Partly legal provison &
	Bachelor's degree obtained at an institution of academic higher education, which	ordinance CvB, see
	demonstrates the following knowledge, understanding and skills:	appendix 3.
	a. knowledge : natural sciences (mathematics, physics, and chemistry) and earth	Admission requirements excepted from
	sciences (BSc level geology/geochemistry/geophysics);	participation in WHW
	 b. understanding: common processes in earth sciences; 	
	c. skills:	
	 general academic skills including analytical and critical thinking; 	
	 English language skills; 	
	 scientific writing skills as demonstrated by a BSc thesis or equivalent. 	
2		Legal provision
2.	The Admissions Board will investigate whether the applicant meets the admission	Legal provision
	requirements.	
3.	In addition to the requirements referred to in the first paragraph, the Admissions Board can	Partly legal provison &
	also assess requests for admission in terms of (at least two of) the following criteria:	ordinance CvB, see
	a. talent and motivation;	appendix 3. Admission requirements
1	b. level of relevant knowledge and understanding;	excepted from
	c. proficiency in methods and techniques;	participation in WHW
	d. academic attitude and critical thinking;	
	e. proficiency in the language(s) of instruction.	
4.	Any individual who has obtained a Bachelor's degree Aardwetenschappen at the VU meets	
	the requirements referred to in paragraph 1.	
5.	The following additional admission requirements for students with a Bachelor of Science	
5.	degree in Earth Sciences (Aardwetenschappen) from Vrije Universiteit Amsterdam apply	
	to specific specializations within the Master Earth Sciences:	
	a. Students who have successfully completed the Bachelor's degree examinations in	
	Earth Sciences (specialization/afstudeerrichting Solid Earth/Vaste Aarde) will be	
	admitted to the specializations Earth and Climate, G&G, Science Communication (C	
	variant);	
	b. Students who have in addition completed the component 'Sociale geografie I'	
	(AB_450099), will be admitted to the specialization Education (E-variant).	
	c. Students who have successfully completed the Bachelor's degree examinations in	
	Earth Sciences (specialization/afstudeerrichting Earth Surface/Aardoppervlak)	
	will be admitted to the specializations Earth and Climate, Global Environmental	
	Change and Policy, and Science communication (C variant);	
	d. Students who have in addition completed the component 'Sociale geografie I'	
	(AB_450099), will be admitted to the specialization Education (E-variant).	
	e. Students who have successfully completed the Bachelor's degree examinations in	
	'Aarde en Economie' , including the minor Earth Surface (Aardoppervlak) will be admitted to the specialization Earth and Climate and Global Environmental Change	
	and Policy;	
	f. Students who have in addition completed the component 'Sociale geografie I'	
	(AB_450099), will be admitted to the specialization Education (E-variant).	
	g. Students who do not receive direct admission to a given specialization within the	
	Master Earth Sciences based on their Bachelor's degree variant can still be admitted	
	to the Master's programme in question on the grounds of a decision to that effect	
	taken by the Admission Board of the Master. In taking this decision, the Admission Board will specify the specialization within the Master Earth Sciences to which the	
	student in question is admitted. The Admission Board may make additional demands	
	of the student before granting admission to the Master.	
L	of the statement before granting admission to the master.	1



6.	Students who hold a Bachelor's degree in Earth Sciences from a Dutch university other than the Vrije Universiteit Amsterdam may be admitted to the Master Earth Sciences at Vrije Universiteit Amsterdam on the basis of a decision to that effect taken by the Admission Board of the Master. In taking this decision, the Admission Board will specify the specialization within the Master Earth Sciences to which the student in question is admitted. The Admission Board may make additional demands of the student before granting admission to the Master.	
7.	Students who hold a Bachelor's degree in a science or technical subject from a Dutch university may be admitted to the Master Earth Sciences at Vrije Universiteit Amsterdam on the basis of a decision to that effect taken by the Admission Board of the Master. The Admission Board will determine whether the Bachelor's programme completed by the candidate is sufficiently relevant to warrant admission to the Master Earth Sciences and will specify the specialization within the Master in Earth Sciences to which the candidate is admitted. The Admission Board may make additional demands of the student before granting admission to the Master's programme.	
8.	Students who hold an equivalent qualification from an institution outside of the Netherlands may be admitted to the Master Earth Sciences at Vrije Universiteit Amsterdam on the basis of a decision to that effect taken by the Admission Board of the Master. In taking this decision, the Admission Board will specify the specialization within the Master Earth Sciences to which the student in question is admitted. The Admission Board may make additional demands of the student before granting admission to the Master's programme.	
9.	When the programme commences, the candidate must have fully completed the Bachelor's programme allowing admission to this Master's programme.	

Article 7.3 Pre-Master's programme

The MSc Earth Sciences has no predefined pre-master programme.	Advice OLC;
	approval FGV
	(9.38 sub b)

8. Interim examinations and results

Article 8.1 Validity period for results

1.	See Article 3.8 of the TER, section A. No further specific	Advice OLC; approval FGV (7.13)
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 8.2 Maximum Exemption(s)

	Advice OLC, approval FGV (7.13 par. 2, under r jo art. 9.38 sub b)
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Article 8.3 Degree

Students who have successfully completed their Master's final Examination are awarded a	Legal provision,
Master of Science degree (MSc). The degree awarded is stated on the diploma. Track name will	WHW
be stated on the diploma, if one has successfully completed all requirements of the	
specialization; otherwise no track name will be stated on the diploma.	



Section B2: Programme specific – content of programme

9. Programme objectives, specializations and exit qualifications

Article 9.1 Workload

1.	. The programme has a workload of 120 EC.	Advice OLC;
		(7.13 a)

Article 9.2 Specializations

The programme has the following specializations:	Advice OLC;
Geology and Geochemistry;	(7.13 a)
• Earth and Climate;	
Global Environmental Change and Policy.	

Article 9.3 Programme objective

The	e programme aims to educate a graduate so that the student:	Advice OLC;
1.	Has specific and fundamental theoretical and practical knowledge of	(7.13 a)
	Earth science, notably within his/her field of specialization. Insight into	
	Earth processes requires further deepening of basic knowledge,	
	understanding of a broad spectrum of spatial and temporal scales and an	
	approach focusing on the interaction by and between the various Earth	
	science and relevant socio-economic domains;	
2.	Has experience in carrying out research independently. This experience	
	is gradually developed within the programme through exposure to	
	research and interaction with active researchers and, ultimately, through	
	active participation in research. This occurs in such a way that it allows	
	the student to consciously decide whether he/she prefers to continue	
	his/her studies in order to obtain a PhD degree or to take up a position	
	outside the academic world;	
3.	Functions in his/her discipline at an academic level, both mentally and in daily practice;	
	the programme stimulates the social and personal development of the student by	
	motivating societal awareness, independence, communicative behavior and co-operation;	
4.	Recognizes the need to continue his/her education by following	
	relevant developments within the field of Earth sciences to maintain	
_	a state-of-the-art knowledge basis;	
5.	Is able to start and successfully complete a PhD thesis or to successfully	
	compete in the (inter-) national labor market for positions at an academic	
	level with government or government-related institutions, private	
6	companies, or elsewhere;	
6.	Has insight into the broad historical, philosophical and socio-economic context of the	
	discipline and aspects concerning the intellectual integrity and moral and ethical	
	dimensions of scientific research and its applications.	

Article 9.4 Exit qualifications

The objectives listed in the Programme Objectives (Article 9.3) have been translated into final exit qualifications of the three specializations of the MSc Earth Sciences programme in relation to Dublin descriptors. The exit qualification levels are listed below.

Exit qualifications for the 'Geology and Geochemistry' – specialization					
A. Knowledge and insight	The graduate has profound knowledge of and insight in:				
A1: The graduate has specialized theoretical and practical knowledge of the science of Geology and Geochemistry	 regional geological systems across the globe and their settings relationships between geological and geochemical processes in Earth's interior (subduction, metamorphism, magmatism, 				





B. Application of knowledge and	 tectonics) and related surface expressions and sedimentary deposits; processes of heat and material transport within the earth's interior, and of large-scale mountain building and deformation; interpretation techniques of subsurface geophysical and geological data; techniques used in high-temperature geochemistry fieldwork skills, i.e. linking theoretical knowledge and factual information to field observations;
insight in practice	
B1: The graduate is experienced in carrying out research	 formulate a problem based on raw data and/or data from literature and design a scientific approach for researching and solving the problem; set up and execute a scientific investigation by selecting and applying fieldwork, analogue and/or numerical modelling and/or laboratory techniques associated with the subject of specialization. develop conceptual and physical models suited for testing hypotheses;
B2: The graduate is able to apply scientific knowledge to problems raised in society	 discern the various geological and geochemical processes that are relevant to society; use his/her knowledge and insight to debate the role that geology and geochemistry can play in several key aspects of society.
C. Critical judgement	The graduate can:
C1: The graduate is able to independently and critically judge (own) information	 understand professional literature and critically assess its quality and usefulness for own research; understand the limitations of data, models, instruments and measurement techniques and how to take these into account for critically evaluating measurements.
C2: The graduate is able to think within a multidisciplinary framework	 think in a multidisciplinary way and recognize the importance of (sub)disciplines; connect different types of factual information understand the limits of geology and geochemistry research, i.e. realize that for some issues additional expertise should be brought in.
C3: The graduate has an understanding of his/her personal stronger and weaker points	 understand his/her personal stronger and weaker points, affinities, development potential and preferences in relation to the discipline chosen and the related professional potential.
D. Communication	The graduate is able to:
D1: The graduate is able to transfer knowledge and skills related to his/her subject area to other persons and is able to adequately reply to questions and problems posed within society	 clearly present information (on data, method, analysis, findings) both written and orally to a public of specialists; actively and constructively participate in discussions in the field of geology and geochemistry; convey scientific findings to a public of non-specialists (i.e. colleagues from different disciplines, stakeholders, general public).
E. Learning Skills	The graduate is able to:
E1: The graduate has developed learning skills that enable him/her to educate and develop him/herself further in a specific subject area	 get acquainted with specific subject areas related to geology and geochemistry and link this to his/her knowledge; recognize the local reality of complex issues;



	 independently collect, analyze and summarize information on geological and geochemical problems to extend his/her current knowledge.
E2: The graduate functions in	- compete in the international job market for positions related
his/her discipline at an academic	to geological and geochemical processes in academia,
level, both mentally and in daily	government, non-government organizations, private
practice	organizations, or elsewhere.

Exit qualifications for the 'Earth and Climate' – specialization					
A. Knowledge and insight	The graduate has profound knowledge of and insight in:				
A1: The graduate has specialized theoretical and practical knowledge of the science of Earth and Climate	 climate systems Earth surface processes that operated both in the past and the present, and the interactions of the different components of the climate system; global changes that occur at the earth surface at present and the interaction with climate and environmental variation at different spatial and temporal scales; the processes that regulate the transfer of energy, water and trace gases between the land surface and the atmosphere; mathematics, physics, chemistry and statistics in relation to geo-environmental sciences. the proxies employed in palaeoclimate and geo-ecosystem research. 				
B. Application of knowledge and	The graduate is able to:				
insight					
B1: The graduate is experienced in carrying out research	 formulate a problem based on raw data and/or data from literature and design a scientific approach for researching and solving the problem; set up and execute a scientific investigation by selecting and applying the appropriate techniques to collect, process and analyze data); develop conceptual and physical models suited for testing hypotheses; programme, validate and calibrate Earth System models. 				
B2: The graduate is able to apply scientific knowledge to problems raised in society	 discern the various physical and biogeochemical processes that contribute to (future) climate change and their impact on sustainability; use his/hers knowledge and insights in the political debate on the role that future climate developments play in society. 				
C. Critical judgement	The graduate can:				
C1: The graduate is able to independently and critically judge (own) information	 understand professional literature and judge its quality and usefulness for own research; understand the limitations of data, models, instruments and measurement techniques and how to take these into account for critically evaluating measurements; 				
C2: The graduate is able to think within a multidisciplinary framework	 think in a multidisciplinary way and recognize the importance of (sub)disciplines and connect different types of factual information understand the limits of climate science, i.e. realize that for some issues other expertise should be brought in and there is a need for interdisciplinary co-operation; 				
C3: The graduate has an understanding of his/her personal stronger and weaker points	- understand his/her personal stronger and weaker points, affinities, development potential and preferences in relation to the discipline chosen and the related professional potential.				
D. Communication	The graduate is able to:				
D1: The graduate is able to transfer knowledge and skills related to his/her subject area to other persons and is able to adequately reply to questions and problems posed within society	 clearly present information (on data, method, analysis, findings) both written and orally to a public of specialists; actively and constructively participate in discussions on climate issues; convey scientific findings to a public of non-specialists (i.e. colleagues from different disciplines, stakeholders, general public); 				



E. Learning Skills	The graduate is able to:
	- get acquainted with subject areas related to earth and climate and
E1: The graduate has developed learning skills that enable him/her to	link this to his/her knowledge;
educate and develop him/herself	 recognize the local reality of complex issues ,
further in a specific subject area	 independently collect, analyze and summarize information on climate
further in a specific subject area	and earth surface subjects to extend his/her current knowledge;
E2: The graduate functions in	- compete in the international market for positions related to climate
his/her discipline at an academic	science and earth surface processes in academia, government, non-
level, both mentally and in daily	government organizations, private organizations, or elsewhere.
practice	
	Environmental Change and Policy' – specialization
A. Knowledge and insight	The graduate has:
A1: The graduate has specialized	 A profound knowledge of climate systems and ecosystems,
theoretical and practical knowledge	environmental governance and environmental economics processes
of global environmental change and	of, and solutions for, global environmental change.
related policies and solutions.	- Good knowledge of the interdisciplinary research process and related
	methodologies for analysis of environmental change.
	 Basic knowledge of global environmental change and associated policy/governance challenges. Depending on the focus of electives in
	this track, the graduate has profound knowledge of: Energy systems,
	their policy implications and policy solutions;
	- The water cycle and related risks, policy implications and policy
	solutions;
	- Basic functions of biodiversity and ecosystem services, the related
	challenges, policy implications and policy solutions.
B. Application of knowledge and	The graduate is able to:
insight	
B1: The graduate is experienced	- Apply and understand evaluation tools for policy assessment, such as
in carrying out research	stakeholder analysis, cost- benefit analysis, and multi-criteria
	analysis.
	- Apply GIS decision making techniques and modelling approaches on
	relevant global environmental change problems, and understand the interactions at the disciplinary interfaces.
B2: The graduate is able to apply	- Bridge the gap between industry, academia, government agencies
scientific knowledge to problems	and NGO's in dealing with climate and energy systems, water
raised in society	resource management, land use and ecosystem services.
	- Understand the positions in the political debate on the challenges and
	solutions for global environmental change.
C. Critical judgement	The graduate can:
C1: The graduate is able to	- Understand professional literature and judge its quality and
independently and critically judge	usefulness for own research.
(own) information	- Understand the limitations of data, models, instruments and
	measurement techniques and how to take these into.
	- Account for critically evaluating measurements.
C2: The graduate is able to think	- Think in a multidisciplinary way and recognize the importance of
within a multidisciplinary	(sub)disciplines and connect different types of factual
framework	information.
	 Understand and integrate various disciplinary perspectives with a view towards interdisciplinary perspectives.
C3: The graduate has an	- Understand his/her personal stronger and weaker points, affinities,
understanding of his/her personal	development potential and preferences in relation to the discipling chosen and the related professional potential
stronger and weaker points D. Communication	discipline chosen and the related professional potential.
D. Communication	The graduate is able to:



D1: The graduate is able to	- Clearly present information (on data, method, analysis, findings)
transfer knowledge and skills related	
to his/her subject area to other	- Actively and constructively participate in discussions on climate
persons and is able to adequately	issues.
reply to questions and problems	- Convey scientific findings to a public of non-specialists (i.e.
posed within society	colleagues from different disciplines, stakeholders, general public).
E. Learning Skills	The graduate is able to:
E1: The graduate has developed	- Get acquainted with subject areas related to global environmental
learning skills that enable him/her to	change and policy.
educate and develop him/herself	- Recognize the local reality of complex issues (i.e. livelihoods,
further in a specific subject area	cultural and gender aspects, political preferences).
	- Independently collect, analyze and summarize information on policy
	and governance options to extend his/her current knowledge.
E2: The graduate functions in	- Compete in the international market for positions related to global
his/her discipline at an academic	sustainability in academia, government, non- government
level, both mentally and in daily	organizations, private organizations, or elsewhere.
practice	organizations, private organizations, or ensewhere.
practice	

10. Curriculum structure

Article 10.1 Composition of the programme

1.	The programme comprises at least a package of compulsory components and an individual Master thesis or academic internship.	Ordinance CvB, see appendix 3
2.	Additionally the programme can offer: - Practical exercises;	Advice OLC; (7.13 a)
	- Electives; - Internship.	
3.	Educational components are categorized as specialized (400), research oriented (500) and highly specialized (600) level.	Ordinance CvB, see appendix 3

Article 10.2 Compulsory educational components

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

Article 10.2.1 Compulsory educational components | Research specializations

Educational component: Geology and Geochemistry	course code	nr of EC	level	Advice OLC;
specialization				(7.13 a)
Master Thesis Geology and Geochemistry	AM_1186	27	600	
Research Project Geology and Geochemistry	AM_1187	27	600	
Sedimentary Basins	AM_450154	6	400	
Regional Geology and Petroleum Systems	AM_450179	3	400	
Orogenesis	AM_450190	6	400	
Mantle Properties	AM_1211	6	400	
Geology & Geochemistry Field Excursion	AM_450229	3	400]

Educational component: Earth and Climate	course code	nr of EC	level	Advice
specialization				OLC;
Master Thesis Earth and Climate	AM_1228	24	600	(7.13 a)
Research Project Earth and Climate	AM_1227	27	600	
Choose 36 EC out of these:				
Climate Systems	AM_1124	6	400	
Landscape Dynamics	AM_450331	6	400	
Marine Geology & Paleoclimatology	AM_450330	6	400	



Tectonic Geomorphology	AM_450146	6	400
Advanced Spatial Analyses	AM_1197	6	500
Sedimentary Basins	AM_450154	6	400
Climate Modelling	AM_450004	6	400
Environmental Remote Sensing	AM_450145	6	400
Global Biogeochemical Cycles	AM_450332	6	400
Climate Dynamics and Processes	AM_1230	6	400
Imaging and Assessing Landscapes	AM_1183	6	400
Reflection Seismics	AM_450170	6	400
Scotland Excursion	AM_450354	3	400
Practical: Paleoclimate Change	AM_1144	6	400

Educational component: Global Environmental	course code	nr of EC	level	Advice
Change and Policy specialization				OLC;
Climate Systems	AM_1124	6	400	(7.13 a)
Research Project GEC&P	AM_1238	12	600	
Master Thesis GEC&P	AM_1239	24 or 30	600	
Challenges and Solutions GEC&P	AM_1234	6	400	
Land Use Change and Ecosystems	AM_1235	6	400	
	AM_1135	6	400	
Methods of Global Environmental Change	AM_1236	6	400	
Designing Interdisciplinary Research	AM_1237	6	400	
Climate Impacts & Policy	AM_1240	6	400	
Environmental Policy for GEC&P	AM_1241	6	400	
Advanced Spatial Analyses	AM_1197	6	500	
Choose a minimum of 30 EC out of these courses:				
Environmental Economics for GEC&P	AM_1232	6	400	
Economics of Environmental Policy Instrument	E_STR_EEPID			
Design		6	400	
Sustainable Energy Challenges	AM_468018	6	400	
Ecohydrology	AM_450014	6	400	
Geothermal Energy	AM_450409	6	500	
Environmental Economics	E_STR_EEC	6	400	
Water Quality	AM_1166	6	400	
Groundwater Processes	AM_1164	6	400	
Applied Water Science	AM_1054	6	400	
Energy Governance	AM_1155	6	400	
Governance of Ecosystem Services	AM_468025	6	400]
Water Governance	AM_1192	6	400	
Climate Hydrological Processes	AM_1196	6	400	

Article 10.2.2 Compulsory educational components | Education

Specialization Earth and Climate or Geology and Geochemistry					
Earth Sciences content (60 EC)				Advice	
Earth Sciences specific component	course code	nr of EC	level	OLC; (7.13 a)	
Sociale geografie II (in Dutch)	AM_1051	12	400	(7.13 a)	
	AM_1227 or				
Research Project from one of the specializations	AM_1187	27	600		



Compulsory Courses from same specialization as			
chosen research project		12	
Article 10.3 Elective educational components		9	
Educational content (60 EC)			
Compulsory units of the specialization			
Education specific component			
Master Leraar VHO Aardrijkskunde	OM1_LAK15		
Didactiek 1	O_MFDIDAC_1	6	400
Didactiek 2	O_MFDIDAC_2	6	400
Didactiek 3	O_MFDIDAC_3	9	
Praktijk 1	O_MFPRAK_1	6	400
Praktijk 2	O_MFPRAK_2	9	400
Praktijk 3	O_MFPRAK_3	15	400
Praktijkonderzoek 1	O_MFPROZ_1	3	
Praktijkonderzoek 2	O_MFPROZ_2	6	
If the student is exempted for parts of the specialization in Education other mastercourses of the programme	h, the exempted EC have to	be compensate	d with
If the student wishes to take a different course than the units of study writing from the Examinations Board.	y listed, advance permissior	n must be obtair	ned in

Article 10.2.3 Compulsory educational components | Science Communication Specialization Earth and Climate or Geology and Geochemistry

specialization Earth and Climate or Geology and Geo	<i>Schemistry</i>			
Earth Sciences content (60 EC)				Advice OLC;
Earth Sciences specific component	course code	nr of EC	level	(7.13 a)
	AM_1227			
	or			
Research Project from one of the specialisations	AM_1187	27	600	
Compulsory Courses from same specialization as			400,	
chosen research project		24	500	
Article 10.3 Elective educational components		9		
Science Communication content (42EC)				
compulsory courses				
Science communication specific component				
Science and Communication	AM_470587	6	500	
Research methods for analyzing complex problems	AM_1182	6	400	
Choose one of these courses:				
Research Internship Science Comm.	AM_1162	30	600	
Reflective Practice Int. SC. Comm.	AM_1163	30	600	-
Science Communication Restricted electives				
(18 EC required) choose 3 out of 4:				
Science in Dialogue	AM_1002	6	500	
Communication, Org. and Management	AM_470572	6	500	1
Science Museology	AM_470590	6	500]
Science Journalism	AM_471014	6	500	1

Specialization or Global Environmental Change and Policy						
Earth Sciences specific component	course code	nr of EC	level	Advice OLC;		
Earth Sciences content (60 EC)				(7.13 a)		
Research Project from one of the specialisations	AM_1238	12	600			
Compulsory Courses from same specialization as			400,			
chosen research project		33	500			



Article 10.3 Elective educational components		9	
Designing Interdisciplinary Research	AM_1237	6	400
Science Communication content (42EC)			
compulsory courses			
Science communication specific component			
Science and Communication	AM_470587	6	500
Research methods for analyzing complex problems	AM_1182	6	400
Choose one of these courses:			
Research Internship Science Comm.	AM_1162	30	600
Reflective Practice Int. SC. Comm.	AM_1163	30	600
Science Communication Restricted electives (18 EC			
required) choose 3 out of 4:			
Science in Dialogue	AM_1002	6	500
Communication, Org. and Management	AM_470572	6	500
Science Museology	AM_470590	6	500
Science Journalism	AM_471014	6	500

Article 10.3 Elective educational components

1. The student can take one or more of the following electives without prior consent from the					
Examination Board: Name of educational component	course code	nr of EC	level	(7.13 a)	
Biological Oceanography	AMU_0021	6	500	_	
Science Journalism	AM 471014	6	500		
Geothermal Energy	AM_450409	6	500		
Scotland Excursion	 AM_450354	3	400	-	
Global Biogeochemical Cycles	 AM_450332	6	400	-	
Marine Geology & Paleoclimatology	AM_450330	6	400		
Petroleum Geology of the North Sea	AM_450317	6	400		
3D Seismic Interpretation and Geology		6	400		
Planetary Science	AM_450273	б	500	1	
Man and Climate		6	400		
Metamorphic Geology	AM_450176	6	400		
Advanced Inorganic Geochemistry	AM_450172	6	400	-	
Advanced Geochronology	AM_450171	3	400	-	
Reflection Seismic for Geologists	AM_450170	6	400		
Diagenesis of Sedimentary Rocks	AM_450169	3	400		
Precambrian Geology	AM_450164	3	400		
Tectonic Geomorphology	AM_450146	6	400		
Environmental Remote Sensing	AM_450145	6	400		
Geomicrobiology	AM_450132	6	400		
Volcanism	AM_450061	3	500		
Sediment Petrography of Heavy Minerals	AM_450058	3	400		
Ecohydrology	AM_450014	6	400		
Climate Modelling	AM_450004	6	400		
Catchment Response Analysis	AM_450003	6	400		
NIOZ Marine Masters Summer Course	AM_1242	3	400		
Climate Impacts & Policy	AM_1240	6	400		
Designing Interdisciplinary Research	AM_1237	б	400	1	
Land Use Change and Ecosystems	AM_1235	6	400	1	
Climate Dynamics and Processes	AM_1230	6	400	1	
Petrophysics and Reservoir Engineering	AM_1212	6	400	1	



Advanced Spatial Analyses	AM_1197	6	400	
Capita Selecta Geology and Geochemistry	AM_1174	6	400	
Advanced Geodynamics and Tectonics	AM_1173	6	400	
Climate Systems	AM_1124	6	400	
Specialist Research Topic	AM_1056	6	600	
Sociale geografie II	AM_1051	12	400	
Multidisciplinary Uncertainty Management and	AM_1249	6	400	
Mitigation				
2. If the student wishes to take a different educational	ance	Advice OLC;		
permission must be obtained in writing from the E		(7.13 a)		

Article 10.4 Practical exercise

The following components can be considered as practical exercises:					
Name of educational component	course code	nr of EC	level		
Practical: Paleoclimate Change	AM_1144	6	400		

Article 10.5 Participation in practical training and tutorials

In the case of a practical training, the student must attend at least 90 % of the practical	Approval
sessions. Should the student attend less than 90 %, he/she must repeat the practical training, or	OLC (7.13 d)
the Examinations Board may have one or more supplementary assignments issued.	

11. Evaluation and transitional provisions

Article 11.1 Evaluation of the education

The education provided in this programme is evaluated in accordance with the (attached)	Approval OLC
evaluation plan. The faculty evaluation plan offers the framework.	(7.13 a1)

Article 11.2 Transitional provisions

Not applicabl	e	Advice OLC	
11		(7.13 a)	

Advice and approval by the Programme Committee of M Earth Sciences, on 13 March 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 6. General programme information and characteristics		
Article 6.1 Study programme information	7.13 paragraph 2 sub i, r	
Article 6.2 Teaching formats used and modes of assessment	7.13 paragraph 2 sub l, x	
[option:] Article 6.3 Academic student counselling	7.13 paragraph 2 sub u	
7. Further admission requirements		
Article 7.2 Admission requirements	7.30b paragraph 2	
8. Interim examinations and results		
Article 8.1 Sequence of interim examinations	7.13 paragraph 2 sub h, s, t	
[option 1:] Article 8.2 Validity period for results	7.13 paragraph 2 sub k	
[option 2:] Article 8.2 Validity period for results	7.13 paragraph 2 sub k	

Section B2: Programme specific – content of programme

9. Programme objectives, specializations and exit qualifications			
Article 9.1 Workload	7.13 paragraph 2 sub g		
Article 9.2 Specializations	7.13 paragraph 2 sub a		
Article 9.3 Programme objective	7.13 paragraph 2 sub a		
Article 9.4 Exit qualifications	7.13 paragraph 2 sub b, c		
10. Curriculum structure			
Article 10.1 Composition of the programme	7.13 paragraph 2 sub a		
Article 10.2 Compulsory educational components	7.13 paragraph 2 sub a		
[Optional] Article 10.3 Elective educational components	7.13 paragraph 2 sub a		
[Optional] Article 10.4 Practical exercise	7.13 paragraph 2 sub d		
Article 10.5 Participation in practical training and tutorials	7.13 paragraph 2 sub d		
11. Evaluation and transitional provisions			
Article 11.1 Evaluation of the education	7.13 paragraph 2 sub a1		
Article 11.2 Transitional provisions	7.13 paragraph 2 sub a		





Appendix II Overview of rights to prior consultation (advice) and rights to approve OLC and FGV

(Dutch only)

Onderwerpen Onderwijs – en Examenregeling (OER) 7.13 paragraph 2 WHW		FGV		OplC	
		Α	Ι	Α	
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 artikelen 7.8b, zesde lid, en 7.9, vijfde lid (BSA)	-				
g. ten aanzien van welke masteropleidingen toepassing is gegeven aan artikel 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					
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					
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					
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			Ť		
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 artikel 7.9b, plaatsvindt (<i>excellentietraject binnen een</i> <i>opleiding</i>)					
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 lettering komt overeen met de lettering van artikel 7.13 lid 2 WHW



Appendix III Ordinances VU CvB and Binding Guidelines (richtlijn)

Section B1, article:	Concerns:	CvB ordinance / guideline
7.2.1	Admission criteria; at least WO Bachelor's degree	Richtlijn Bachelor en Masteronderwijs, revised on 6 June 2017
7.2.3	Additional admission criteria; type of criteria	Richtlijn Bachelor en Masteronderwijs, revised on 6 June 2017
Section B1, article:	Concerns:	CvB ordinance / guideline
10.1	Composition programme	Richtlijn Bachelor en Masteronderwijs, revised on 6 June 2017
10.2	Categorization of components	Richtlijn Bachelor en Masteronderwijs, revised on 6 June 2017



