

Teaching and Examination Regulations

Masterprogramme in Medical Natural Sciences Faculty of Science

Academic year 2018-2019

B1. programme specific section - general provisions

B2. programme specific section – content of programme

Section B1: Programme specific – general provisions

6. General programme information and characteristics

Article 6.1 Study programme information

1.	The programme Medical Natural Sciences CROHO number 60800 is offered on a full-time basis.	Advice OLC; approval FGV (7.13 i)																																							
1a	The language of instruction is English	Advice OLC; approval FGV (9.38 b)																																							
2.	A unit of study comprises 6 EC or a multiple thereof. The units listed below have a different size:																																								
	<table border="1"> <thead> <tr> <th>Course code</th> <th>Course component</th> <th>EC</th> </tr> </thead> <tbody> <tr> <td>X_422592</td> <td>Ethics in Biomedical Research</td> <td>3</td> </tr> <tr> <td>XM_422613</td> <td>Major research Project</td> <td>39</td> </tr> <tr> <td>X_422615</td> <td>Major research Project</td> <td>36</td> </tr> <tr> <td>XM_422614</td> <td>Minor research Project</td> <td>21</td> </tr> <tr> <td>XM_42000</td> <td>Minor research Project 27EC</td> <td>27</td> </tr> <tr> <td>X_420563</td> <td>Scientific Writing in English for MNS</td> <td>3</td> </tr> <tr> <td>O_MFDIDAC_3</td> <td>Didactiek 3</td> <td>9</td> </tr> <tr> <td>O_MFPRAK_3</td> <td>Praktijk 3</td> <td>15</td> </tr> <tr> <td>O_MFPROZ_1</td> <td>Praktijkonderzoek 1</td> <td>3</td> </tr> <tr> <td>O_MFPRAK_2</td> <td>Praktijk 2</td> <td>9</td> </tr> <tr> <td>AM_1180</td> <td>Clinical Development and Clinical Trials</td> <td>3</td> </tr> <tr> <td>AM_1179</td> <td>Epidemiology</td> <td>3</td> </tr> </tbody> </table>	Course code	Course component	EC	X_422592	Ethics in Biomedical Research	3	XM_422613	Major research Project	39	X_422615	Major research Project	36	XM_422614	Minor research Project	21	XM_42000	Minor research Project 27EC	27	X_420563	Scientific Writing in English for MNS	3	O_MFDIDAC_3	Didactiek 3	9	O_MFPRAK_3	Praktijk 3	15	O_MFPROZ_1	Praktijkonderzoek 1	3	O_MFPRAK_2	Praktijk 2	9	AM_1180	Clinical Development and Clinical Trials	3	AM_1179	Epidemiology	3	
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O_MFPRAK_2	Praktijk 2	9																																							
AM_1180	Clinical Development and Clinical Trials	3																																							
AM_1179	Epidemiology	3																																							

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 Guide.	Advice OLC; approval FGV (7.13 l)

Article 6.3 Academic student counselling

1.	The programme offers the following counselling in addition to the student counselling mentioned in Section A: - Master's coordinator - Academic advisor	Advice OLC; approval FGV (7.13 u)
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7. Further admission requirements

Article 7.1 Intake date(s)

1.	The programme starts on September 1. The intake date mentioned in this paragraph ensures that a programme can be completed within the nominal study duration set for	Advice OLC; approval FGV
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the programme.	(9.38 b)
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Article 7.2 Admission requirements

1. Admission to the Master's programme is possible for an applicant who has obtained a Bachelor's degree obtained at an institution of academic higher education, which demonstrates the following knowledge, understanding and skills: <ol style="list-style-type: none"> knowledge: mathematics, physics and chemistry at least comparable with the bachelor Medische Natuurwetenschappen, understanding: mathematics, physics and chemistry at least comparable with the bachelor Medische Natuurwetenschappen, skills: academic communication skills and computer programming and experimental skills at least comparable with the bachelor Medische Natuurwetenschappen, 	Partly legal provision & ordinance CvB, see appendix 3. Admission requirements excepted from participation in WHW
2. The Admissions Board will investigate whether the applicant meets the admission requirements.	Legal provision
3. In addition to the requirements referred to in the first paragraph, the Admissions Board can also assess requests for admission in terms of (at least two of) the following criteria: <ol style="list-style-type: none"> talent and motivation; level of relevant knowledge and understanding; proficiency in methods and techniques; academic attitude and critical thinking; proficiency in the language(s) of instruction 	Partly legal provision & ordinance CvB, see appendix 3. Admission requirements excepted from participation in WHW
4. When the programme commences, the candidate must have fully completed the Bachelor's programme and pre-Master's programme allowing admission to this Master's programme.	

Article 7.3 English language requirement for English-language Master's programmes

1. The proficiency requirement in English as the language of instruction can be met if no longer than two years before the start of the programme, the applicant has successfully completed one of the following examinations with at least the scores indicated: <ul style="list-style-type: none"> - VWO diploma - IELTS: 6.5 - TOEFL paper based test: 580 - TOEFL internet based test: 92 - Cambridge Advanced English: A, B or C. 	Landelijke gedragscode Internationale studenten
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Article 7.4 Pre-Master's programme

1. Students with a Bachelor's degree in a field that corresponds to a sufficient extent with the subject area covered by the Master's programme can request admission to the pre-Master's programme.	advies OLC; instemming FGV (9.38 b)
2. The pre-Master's programme comprises 30 EC and is made up of the following units of	advies OLC;

<p>study:</p> <ol style="list-style-type: none"> Vectorcalculus (3 EC) Optica en optisch waarnemen (6 EC) Differentiaal vergelijkingen (6 EC) Statistiek (6 EC) Thermodynamica (6 EC) or Van Quantum tot molecuul (6 EC) 	instemming FGV (9.38 b)
3. A successfully completed pre-Master's programme serves as proof of admission to the specified Master's programme in the subsequent academic year.	advies OLC; instemming FGV (9.38 b)
4. In addition to the pre-master programme, the following courses are to be included in the master programme: "Biomedische Beeldvorming" and "Inleiding Medische Beeldverwerking" for the variant Medical Physics, and the courses "Mechanics and Thermodynamics in the Cell" and "Microscopy and Spectroscopy" for the variant Physics of Life and Health. The free elective space in the master programme offers the schedule opportunities to fulfill these requirements.	advies OLC; instemming FGV (9.38 b)

8. Interim examinations and results

Article 8.1 Sequence of interim examinations

1. Students may participate in interim examinations [or practical exercises] of the components below only if they have passed the interim examination or examinations for the components mentioned hereinafter:	Advice OLC; approval FGV (7.13 h, s & t)
The major and minor project only after passing 24 EC of master courses is fulfilled unless the Examination Board decides otherwise.	

Article 8.2 Validity period for results

No further specific provisions to article 3.8 of part A.

Article 8.3. Degree

Degree Students who have successfully completed their Master's final Examination are awarded a Master of Science degree. The degree awarded is stated on the diploma.

Requirements for NVKF certificate

Special provisions for the Dutch Society for Clinical Physics certificate.

Students who complete the Bachelor's programme in Medical Natural Sciences and the Research Variant of the Master's programme in Medical Natural Sciences are entitled to a certificate indicating that their prior education meets the requirements of the Dutch Society for Clinical Physics for admission to the post-graduate programme in Clinical Physics. Specifically, they must meet the relevant requirements for the Bachelor's programme (as listed in the Academic and Examination Regulations for that programme) and the following requirements for the Master's programme:

- The following electives must be completed:
 - Biomedical Optics
 - Electronics and Signal Processing
 - Physics of Organs I

- Parameter Estimation in Medical and Biological Sciences
- 2. The student must complete a Major Research Project MNS in the field of Medical Physics.
- 3. The student must complete a Colloquium / Literature Thesis in MNS on a physics topic.
- 4. Any deficiencies in the student's Bachelor's programme can be eliminated by choosing specific elective courses in consultation with the Master's coordinator and the Examination Board.
- 5. The MNS Examination board provides this certificate after consultation of MNS master's coordinator.

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)
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Article 9.2 Specializations

<p>The programme has the following specializations:</p> <ul style="list-style-type: none"> - Medical Physics - Biophotonics and Medical Imaging - Physics of Living Systems <p>Besides the above specializations the programme offers also a</p> <ul style="list-style-type: none"> - Research variant, - Communication and Education variant, and - Societal variant. 	Advice OLC; (7.13 a)
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Article 9.3 Programme objective

<p>The objective of the programme is that students should acquire sufficient knowledge, skills and insight within the field of Medical Natural Sciences, and any related disciplines, to be able to operate as an independent professional at an academic level, and to be a suitable candidate for a subsequent course of study leading to a career in research or development. Another aim of the programme is to develop students' understanding of the interrelationships between academic disciplines, as well as their sense of social responsibility.</p>	Advice OLC; (7.13 a)
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Article 9.4 Exit qualifications

<p>1. At all events, a graduate of the study programme</p> <ol style="list-style-type: none"> a. has a sound theoretical and practical understanding of the modern medical natural sciences (including the requisite knowledge of other disciplines); b. has a thorough knowledge of theoretical and experimental methods, as well as research experience in at least one sub-field of medical natural sciences; c. is capable, within a reasonable period of time, of becoming conversant in other sub-fields of the discipline; d. is capable of formulating a work plan for research within the medical natural sciences, on the basis of a realistic research question; e. is capable of analyzing and formulating research results, and of drawing conclusions from them; f. is capable of writing a report, or an academic paper for publication in an international journal, and of participating in a discussion on a topic related to the field of study in question; g. is capable of studying the professional literature (including international publications) in relevant sub-fields, and of utilizing the relevant content; h. is capable of applying knowledge of the medical natural sciences within a wider, multidisciplinary context; 	Approval OLC (7.13 c)
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<ul style="list-style-type: none"> i. is capable of dealing with the ethical, safety and environmental aspects of the medical natural sciences; j. is capable of taking on posts for which knowledge and research skills in the field of the medical natural sciences are required; k. has sufficient knowledge of and insight into the social role of the medical natural sciences to decide on a responsible choice of profession and professional practice; l. is capable of cooperating with others, of imparting knowledge to others, and of delivering a lecture both to specialists and to a wider audience. <p>The programme emphasizes:</p> <ul style="list-style-type: none"> - the student's personal development, - the student's sense of social responsibility, and - the student's communication skills in the English language. 	
<p>2. Without prejudice to the provisions of paragraph 1, a graduate of the following variants will have the following knowledge and understanding:</p> <p>Research variant</p> <p>The graduate:</p> <ul style="list-style-type: none"> a. is capable of independently designing, conducting and assessing experiments and the associated controls with a given period of time; b. is capable of contextualizing the results and conclusions obtained, within the framework of results obtained by others; c. is capable of formulating a perspective on the development of scientific research within the field in question; d. is capable of quantitatively and qualitatively analyzing medical, biological, chemical and physical processes, entering the data into existing models (or models yet to be developed), and presenting the results at various levels of abstraction; e. must possess insight into the role of the medical natural sciences in a sustainable society. <p>Communication and Education variants</p> <p>The graduate can:</p> <ul style="list-style-type: none"> a. independently acquire new knowledge of the subject in the area of communication and education, and can apply this in professional situations within the sphere of communication/education; b. impart any knowledge and insights obtained, verbally and in writing, both in educational contexts and to wider audiences. <p>Societal variant</p> <p>The graduate can:</p> <ul style="list-style-type: none"> a. develop a perspective on the contributions that scientific knowledge and methods can potentially make to social problems related to the field in question; b. distil a research question from this perspective that is geared towards solutions; 	Approval OLC (7.13 b)

<ul style="list-style-type: none"> c. implement such questions in the form of targeted research; d. interpret and present data obtained from analyses conducted at different scales and different levels of abstraction; e. cooperate with others in the context of a multidisciplinary project team. 	
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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's thesis or academic internship.	Ordinance CvB, see appendix 3
2. The programme consists of the following components: <ul style="list-style-type: none"> a. required educational units b. practical components c. optional subjects (electives) 	Advice OLC; (7.13 a)
3. Educational components are categorized as specialized (400), research oriented (500) and highly specialized (600) level.	Ordinance CvB, see appendix 3
4. Notwithstanding the provisions of paragraph 2, students may compose their own Master's programme under certain circumstances and with the prior approval of the Examination Board.	Advice OLC; (7.13 a)
5. Students must submit details of each study programme in the form of the so-called Personal Educational Programme (PEP) to the MNS master coordinator and to the programme's Examination Board for approval.	Advice OLC; (7.13 a)

Article 10.2 Compulsory educational components

MNS Programme

Compulsory Courses Research Variant (57 credits required)

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

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Educational component	course code	nr of EC	level	Advice OLC; (7.13 a)
Colloquium / Literature thesis	X_422611	6	500	
Major research Project	X_422613	39	500	
Biomedical Modelling and Simulation	X_430112	6	400	
Advanced Medical Image Processing	X_422610	6	400	

Society oriented Variant for Natural and Life Sciences

Compulsory courses (48 credits required)

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

Educational component	course code	nr of EC	level	Advice OLC; (7.13 a)
Internship Science in Society (BIO)	AM_1134	30	400	
Research methods for analyzing problems	AM_1182	6	400	

Analysis of Governmental Policy	AM_470571	6	500	
Communication, Org. and Management	AM_470572	6	500	

Compulsory Courses (54 credits required)

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

Educational component	course code	nr of EC	level	Advice OLC; (7.13 a)
Colloquium / Literature thesis	X_422611	6	500	
Major research Project	X_422615	36	500	
Biomedical Modelling and Simulation	X_430112	6	400	
Advanced Medical Image Processing	X_422610	6	400	

Communication Variant

Compulsory Courses (12 credits required)

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

Educational component	course code	nr of EC	level	Advice OLC; (7.13 a)
Research methods for analyzing problems	AM_1182	6	400	
Science and Communication	AM_470587	6	500	

Compulsory Courses (54 credits required)

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

Educational component	course code	nr of EC	level	Advice OLC; (7.13 a)
Colloquium / Literature thesis	X_422611	6	500	
Major research Project	X_422615	36	500	
Biomedical Modelling and Simulation	X_430112	6	400	
Advanced Medical Image Processing	X_422610	6	400	

Education Variant

Master Leraar VHO (60 credits required)

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

Educational component	course code	nr of EC	level	Advice OLC; (7.13 a)
Didactiek 1	O_MFDIDAC_1	6	400	
Praktijk 1	O_MFPRAK_1	6	400	
Didactiek 3	O_MFDIDAC_3	9	400	
Praktijk 3	O_MFPRAK_3	15	400	
Praktijkonderzoek 1	O_MFPROZ_1	3	400	
Praktijkonderzoek 2	O_MFPROZ_2	6	400	
Didactiek 2	O_MFDIDAC_2	6	400	
Praktijk 2	O_MFPRAK_2	9	400	

Compulsory Courses (48 credits required)

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

Educational component	course code	nr of EC	level	Advice OLC; (7.13 a)
Major research Project	X_422615	36	500	
Biomedical Modelling and Simulation	X_430112	6	400	
Advanced Medical Image Processing	X_422610	6	400	

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:				Advice OLC; (7.13 a)
Educational component	course code	nr of EC	level	
MNS Programme				
Compulsory choice of at least 6 EC				
Physics of Organs I: Cardiopulmonary physics	X_428527	6	400	
Soft Condensed Matter and Biological Physics	X_420167	6	400	
Restricted Choice (18 EC required)				
Live cell imaging	AM_470726	6	500	
Physics of Organs I: Cardiopulmonary physics	X_428527	6	400	
Image Processing for MNS	X_422612	6	400	
Mass Spectrometry	X_435604	6	400	
Soft Condensed Matter and Biological Physics	X_420167	6	400	
Dynamics of Biomolecules and Cells	X_422583	6	400	
Elektronica en signaalverwerking	X_420533	6	300	
Parameter Estimation applied to Medical & Biological Sciences	X_432631	6	500	
Biomedical Optics	X_428529	6	400	
Entrepreneurship in physics		6	400	
Tracer kinetic modelling		6	400	
Compulsory Choice 1 of 2 (at least 21 EC required)				
Minor research Project	X_422614	21	500	
Minor research Project	XM_42000	27	500	
Compulsory courses Academic Skills (6 EC required)				
Scientific Writing in English for MNS	X_420563	3	400	
Ethics in Biomedical Research	X_422592	3	400	
Society oriented Variant for Natural and Life Sciences				
Compulsory choice of at least 6 EC				
Societal entrepreneurship H&L sciences	AM_470575	6	500	
Business management	AM_470584	6	500	

Disability and development	AM_470588	6	500
Health, Globalisation and Human Rights	AM_470818	6	500
Policy, Politics and Participation	AM_470589	6	500
Science in Dialogue	AM_1002	6	500
Clinical Development and Clinical Trials	AM_1180	3	500
Epidemiology	AM_1179	3	500
Compulsory choice of at least 6 EC			
Physics of Organs I: Cardiopulmonary physics	X_428527	6	400
Soft Condensed Matter and Biological Physics	X_420167	6	400
Compulsory courses Academic Skills (6 EC required)			
Scientific Writing in English for MNS	X_420563	3	400
Ethics in Biomedical Research	X_422592	3	400
Communication Variant			
Optional courses of at least 12 EC			
Communication, Org. and Management	AM_470572	6	500
Science in Dialogue	AM_1002	6	500
Science Journalism	AM_471014	6	500
Science Museology	AM_470590	6	500
Internship communication: choose one			
Research Internship Science Comm.	AM_1162	30	600
Reflective Practice Int. SC. Comm.	AM_1163	30	600
Compulsory choice of at least 6 EC			
Physics of Organs I: Cardiopulmonary physics	X_428527	6	400
Soft Condensed Matter and Biological Physics	X_420167	6	400
Compulsory courses Academic Skills (6 EC required)			
Scientific Writing in English for MNS	X_420563	3	400
Ethics in Biomedical Research	X_422592	3	400
Education Variant			
Optional courses of at least 6 EC			
Physics of Organs I: Cardiopulmonary physics	X_428527	6	400
Soft Condensed Matter and Biological Physics	X_420167	6	400
Compulsory courses Academic Skills (6 EC required)			
Scientific Writing in English for MNS	X_420563	3	400
Ethics in Biomedical Research	X_422592	3	400

Recommended courses in specializations	course code	nr of EC	level	
Medical Physics				
Physics of Organs I: Cardiopulmonary physics	X_428527	6	400	
Parameter Estimation applied to Medical & Biological Sciences	X_432631	6	500	
Physics of Living Systems				
Soft Condensed Matter and Biological Physics	X_420167	6	400	
Dynamics of Biomolecules and Cells	X_422583	6	400	
Biophotonics and Medical Imaging				
Parameter Estimation applied to Medical & Biological Sciences	X_432631	6	500	
Biomedical Optics	X_428529	6	400	

Article 10.5 Participation in practical exercise

1. Students are expected to participate actively in all degree components for which they are registered.	Approval OLC (7.13 d)
2. In addition to the general requirement regarding active participation, the study guide details additional requirements for each degree component, as well as component attendance requirements.	
3. At the start of each degree component, a specification will be made available which details: <ul style="list-style-type: none"> - The final attainment levels of the degree component; - The study guidelines for passing the degree component; - The way in which the final attainment levels are assessed; - The regulations for examinations and resits; - The guidance provided by lecturers during scheduled hours and otherwise; - Component attendance requirements; - The provision of feedback to the student on assignments and reports submitted, and presentations given during the degree component. 	
4. If a student is prevented by force majeure from attending a required degree component, then the student must send written notification of his or her absence to the examiner and the academic advisor as soon as possible. The examiner may, after consultation with the academic advisor, give the student an alternative assignment.	
5. Absence from degree components with required attendance is only allowed in the case of force majeure.	
6. In the event of inadequate participation, either qualitative or quantitative, the examiner may exclude the student from further participation in the degree component or a part of the degree component. The details of the student's inadequate participation must be recorded in advance and approved by the Director of Studies.	

11. Evaluation and transitional provisions

Article 11.1 Evaluation of the education

1. The education provided in this programme is evaluated in accordance with the evaluation plan. The faculty evaluation plan offers the framework.	Approval OLC (7.13 a1)
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Article 11.2 Transitional provisions

By way of departure from the Teaching and Examination Regulations currently in force, the following transitional provisions apply for students who started the programme under a previous set of Teaching and Examination Regulations:	Advice OLC (7.13 a)
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Advice and approval by the Programme Committee, on (date) January 26th 2018.

Approved by the Faculty Joint Assembly, on (date) June 26th 2018.

Adopted by the board of the Faculty of Science on June 26th 2018.

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.

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Section B1: Programme specific – general provisions

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Section B2: Programme specific – content of programme

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Appendix II

Table of right of advice and right of approval by the OLC and FGV
(translation to English at a later stage)

Onderwerpen Onderwijs - en Examenregeling (OER) 7.13 paragraph 2 WHW	FGV		OplC	
	I	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 paragraph, en 7.9, vijfde paragraph (BSA)				
g. ten aanzien van welke masteropleidingen toepassing is gegeven aan Article 7.4a, achtste paragraph (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				
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 (<i>excellentietraject binnen een 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 Article 7.13 paragraph 2 WHW

Appendix III

Ordinances VU CvB and Binding Guidelines (richtlijn)

Section A, article:	Concerns:	CvB ordinance / guideline
2.1.1, 2.1.2	Year planning two semesters 8-8-4 (uniforme jaarkalender VU-UvA)	29-9-2008 (period 2009-2015) 22-05-2014 (periode 2016-2025)
2.1.3, 2.1.4	Educational components	Richtlijn Bachelor en Masteronderwijs, revised on 6 June 2017
3.1	Compulsory signing up	CvB ordinance 30-09-2010, prior consent USR.
3.4.1	Determination and publication of the results (1) Grading deadline exams 10 workdays (2) Theses 20 workdays	(1) Richtlijn Bachelor en Masteronderwijs, revised on 6 June 2017 (2) Quality demand 11 from the VU assessment policy, CvB ordinance 15-05-2012
3.5.1	Two possibilities to take examinations per year	Richtlijn Bachelor en Masteronderwijs, revised on 6 June 2017
3.5.2	Retake: most recent grade is valid. A pass can be retaken	Taken from the UvA guidelines, as part of the harmonization, CvB ordinance 24-02-2014
3.5.4	Extra retake last year	Included in (prior) model OER 16-17 following a request from committee O&O and adopted by CvB op 27-10-2015
3.6	Grades	CvB ordinance 30-09-2010, with University council's consent. As a result of harmonization UvA, the guideline: 5.5 is a pass, has been added. CvB ordinance 24-02-2014.
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