

Teaching and Examination Regulations

MASTER's Degree Programme Musculoskeletal Physiotherapy Sciences

A. faculty section

Academic year 2016-2017

Vrije Universiteit Amsterdam
Faculty of Behavioural and Movement Sciences

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Section A: faculty section

1. General provisions

Article 1.1 Applicability of the Regulations

1. These Regulations apply to the teaching and examinations for the (Research) Master's degree programmes:
 - Cognitive Neuropsychology
 - Clinical and Developmental Psychopathology
 - Human Movement Sciences
 - Human Movement Sciences (Research)
 - Musculoskeletal Physiotherapy Sciences
 - Social Psychology
 (Hereinafter referred to as: the degree programme) provided by the Faculty of Behavioural and Movement Sciences (hereinafter referred to as: the faculty or FGB) of Vrije Universiteit Amsterdam.
2. These Regulations consist of a faculty section (A) and a programme-specific section (B). Section A contains general provisions and applies to the teaching and examinations of the Research Master's degree programmes of the faculty. Section B contains programme-specific provisions. Together, Sections A and B form the Teaching and Examination Regulations for the programme.
3. The Regulations can be declared to apply *mutatis mutandis* to the joint degree programmes and units of study, pursuant to Section 7.3c of the WHW, also provided by the faculty.
4. These Regulations apply to anyone enrolled in the programme, irrespective of the academic year in which the student was first enrolled in the programme.
5. Section B of these Teaching and Examination Regulations may contain additional general provisions for the relevant degree programme.

Article 1.2 Definitions

The following definitions are used in these Regulations:

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| a. EC (European Credit) | a credit with a workload of 28 hours of study; |
| b examination: | the final examination of the Master's programme; |
| c. joint degree: | a degree awarded by an institution together with one or more institutions in the Netherlands or abroad, after the student has completed a degree programme (a degree programme, a major or a specific curriculum within a degree programme) for which the collaborating institutions are jointly responsible; |
| d. component: | a unit of study of the programme within the meaning of the WHW; |
| e. period: | a part of a semester; |
| f. practical exercise: | the participation in a practical training or other educational learning activity, aimed at acquiring certain (academic) skills. Examples of practical exercises are: <ul style="list-style-type: none"> ○ researching and writing a thesis ○ carrying out a research assignment ○ taking part in fieldwork or an excursion ○ participating in and completing a work placement; |
| g. programme: | the totality and cohesion of the course components, teaching activities/methods, contact hours, testing and examination methods and recommended literature; |
| h. thesis: | a component comprising literature research and/or a contribution to scientific research, always resulting in a written report; |
| i. Master Research Project: | a contribution to scientific research, resulting in a written report. |
| j. SAP-SIcM: | student information system; |
| k. the student / he: | every person studying at Vrije Universiteit Amsterdam |
| l. course catalogue: | the guide for the degree programme that provides further details of the provisions and other information specific to that programme. The course catalogue is available electronically at www.vu.nl/en/study-guide ; |

m. workload:	the workload of the unit of study to which an interim examination applies, expressed in terms of credits (The workload for 1 year (1,680 hours) is 60 EC);
n. academic year:	the period beginning on 1 September and ending on 31 August of the following calendar year;
o. semester:	the first (September – January) or second half (February – August) of the academic year;
p. examination:	an assessment of the student's knowledge, understanding and skills relating to a course component. The assessment is expressed in terms of a final mark. An examination may consist of one or more partial examinations. A resit always covers the same material as the original interim examination;
q. Admissions Board:	the committee that assesses, on behalf of the faculty board, whether a candidate meets the requirements for admission to the Master's degree programme of his/her choice. If there is no Admissions Board appointed for the degree programme, the Examinations Board (within the meaning of Section 7.12 of the WHW) functions as Admissions Board;
r. University:	Vrije Universiteit Amsterdam
s. VUnet:	student and employee web portal;
t. WHW or the Act:	the Dutch Higher Education and Research Act (<i>Wet op het hoger onderwijs en wetenschappelijk onderzoek</i> , WHW);

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

2. Previous education and admission

Article 2.1 Previous education

1. In order to qualify for enrolment in a Master's degree programme, a Bachelor's degree obtained in academic higher education (WO) is required. The requirements that the Bachelor's degree must meet are specified in Section B.
2. In the event that a candidate does not have a Bachelor's degree as referred to in paragraph 1, the Admissions Board of the degree programme will assess suitability for admission to the programme on the basis of the requirements stipulated in Section B.
3. In order to qualify for enrolment in a Master's degree programme for teaching in pre-university education, the individual concerned must have been awarded the Master's degree in the relevant subject area, pursuant to Section 7.10a of the WHW.

Article 2.2 Registration and enrolment

1. The deadline for registering for the Master's programme is stipulated in Article 3.3 (Section B).
2. After registering on time, the student must enrol before 1 September.

Article 2.3 Faculty Admissions Board

The faculty board will establish one or more Admissions Boards. The faculty board will appoint its members after consultation with the programme directors and examinations boards of the relevant degree programmes.

Article 2.4 Admissions procedure

1. The Admissions Board is responsible for admission to the programme.
2. In view of admission to the programme, the Admissions Board assesses the candidate's knowledge, understanding and skills. The Board may request experts within or outside the University to test certain types of knowledge, understanding and skills, in order to supplement written evidence of the programme/programmes the student has already completed. In its assessment, the Board includes knowledge of the language in which the programme will be taught.
3. Candidates receive either confirmation of admission or a negative decision. An appeal against a negative decision can be lodged with the Examination Appeals Board within six weeks.

Article 2.5 Refusal or termination of enrolment (*unsuitability/judicium abeundi*)

1. Based on the provisions of Section 7.42a of the WHW, the faculty board or the Examinations Board may, in exceptional cases, ask the Executive Board to terminate or refuse a student's enrolment in a programme, if that student's actions or remarks show that he/she is unsuitable either for practising one or more of the professions for which the programme in question is preparing the student or for the practical preparation for professional practice.
2. If a student is suspected of being unsuitable as described in paragraph 1, the Examinations Board or the faculty board will institute an inquiry, of which the student will be informed immediately. The Examinations Board or the faculty board will not issue any recommendation without carefully considering the interests involved and giving the student the opportunity to be heard.

3. Degree programme structure

Article 3.1 Structure of academic year

1. Every degree programme will be offered in a year divided into two semesters.
2. Every semester consists of three consecutive periods of eight, eight and four weeks.

Article 3.2 Organisation of the programme

1. The programme comprises the units of study included in Section B.
2. The size of the degree programme in EC is stipulated in Section B.
3. A unit of study comprises 6 EC or a multiple thereof.
4. By way of exception to paragraph 3, Section B may stipulate that a unit of study comprises 3 EC. The Executive Board needs to grant permission for this.
5. The programme is made up of a compulsory part and an individual Master's thesis and/or academic work placement and, if applicable, a subject-specific optional component as specified in more detail in the programme-specific section.
6. If the student wishes to choose a different unit of study than those stipulated in Section B as part of his/her electives, prior permission is required from the Examinations Board.

4. Examinations

Article 4.1 Signing up for examinations

1. Every student must sign up to participate in the Master's programme and, if registration is required for participation, every student must sign up for examinations and resits. Signing up may only take place in the designated periods. The procedure for signing up is described in an annex to the Student Charter, which can be found at VU.net.
2. By way of exception to the provisions of paragraph 1, any student who has correctly signed up for participation in the instruction/classes for a particular course and has been admitted will also be signed up for the subsequent examination, unless the degree programme stipulates a different approach.

Article 4.2 Type of examination

1. Section B stipulates the way in which a unit of study is concluded and the form any examination will take.
2. At the student's request, the Examinations Board may permit a different form of examination than that stipulated in the course catalogue. If applicable, more detailed regulations on this are included in the Rules and Guidelines for the Examinations Board.
3. In the case of a unit of study that is no longer offered, in the academic year following its termination, at least one opportunity will be provided to sit the examination(s) or parts thereof and a transitional arrangement will be included in the programme-specific section for the subsequent period.

Article 4.3 Oral examinations

1. Unless otherwise specified for the relevant unit of study in Section B, no more than one student will be examined orally at the same time.

2. An oral examination is public unless the Examinations Board or examiner determines otherwise in an exceptional case. A student may submit a reasoned request to the Examinations Board to depart from the public nature of the oral examination. The Examinations Board will balance the interests of the student against the interests of a public examination.
3. Unless otherwise specified by the Examinations Board, an oral examination will be taken in the presence of a second examiner.

Article 4.4 Determining and announcing results

1. The examiner determines the result (= mark) of a written examination as soon as possible, but at the latest within ten working days. Contrary to the provisions of the first sentence, the marking deadline for papers and exams consisting for more than 50% of open end questions is no longer than 15 working days, and for theses is no longer than twenty working days. The examiner ensures that the student is immediately notified of the mark, taking due account of the applicable confidentiality standards.
2. The examiner determines the result (= mark) of an oral examination as soon as possible after the examination and informs the student accordingly. The third sentence of the first paragraph applies.
3. In the case of alternative forms of oral or written examinations, the Examinations Board determines in advance how and by what deadline the student will be informed of the results.
4. 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 Articles 4.8 and 4.9, as well as his/her option to appeal to the Examinations Appeals Board (Cobex).
5. A student may lodge an appeal against the way in which the result was reached with the Examination Appeals Board within six weeks of the announcement of the result. A student may also request a re-evaluation from the examiner of the course. A request for re-evaluation does not suspend the term for lodging an appeal.

Article 4.5 Resits

1. An opportunity will be offered to take a resit in the degree programme once in each academic year.
2. Paragraph 1 does not apply in the case of a fail for a work placement or a thesis. The options for retaking work placements and theses are detailed in the relevant work placement manual or thesis regulations.
3. The most recent mark will apply in the event of a resit.
4. The resit for an examination must not take place within ten working days of the announcement of the result of the examination in question.

Article 4.6 Marks

1. Marks are given on a scale from 1 to 10 with no more than one decimal point.
2. The final marks are given in whole or half points.
3. Final marks higher than 5, but lower than 5.5 will be rounded down (5.0); final marks equal to or higher than 5.5 but below 6 will be rounded up (6.0)
4. Symbols may be used rather than numbers (e.g. P-F = Pass–Fail)

Article 4.7 Exemption

1. At the written request of the student, the Examinations 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 at least equivalent in both content and level; or
 - 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.
2. The Examinations Board will make a decision within twenty working days of receiving the written request.
3. This exemption does not apply to the Master's thesis.

Article 4.8 Validity period for results

1. The validity period of examinations passed and examination exemptions is limited to six years unless otherwise specified in Section B.
2. The validity period of a an interim examination is limited to the academic year in which it was sat or until the end of the course concerned, as stipulated for the relevant units of study in Section B.
3. The Examinations Board can extend the limited validity period of an examination or exemption if a student submits a reasoned request to that effect. The Examinations Board can decide to permit the extension of the validity only after the individual making the request has successfully completed a supplementary examination on the relevant subject matter.

Article 4.9 Right of inspection

1. For at least twenty working days after the announcement of the results of a written examination, the student can, on request, inspect his/her assessed work, the questions and assignments set, as well as the standards applied for marking.
2. The Examinations Board can determine that the inspection or post-examination discussion referred to in paragraph 1 take place exclusively at a specified place and at a specified time. The place and time referred to in the previous clause will be announced at the time of the examination and on the faculty website.
3. If the student was unable to attend at the place and time referred to in paragraph 2 through no fault of his/her own, an alternative option will be offered.
4. If a student intends to appeal against the way in which his/her mark was assessed, he/she can be issued with a copy of the marked work at his/her request.

Article 4.10 Post-examination discussion

1. If a collective post-examination discussion has been organised, individual post-examination discussions will be held only if the student has attended the collective discussion or if he/she was unable to attend the collective discussion through no fault of his/her own.
2. Students who meet the requirements stipulated in the first paragraph can submit a request for an individual post-examination discussion to the relevant examiner. The discussion will take place at a time and location to be determined by the examiner.

Article 4.11 Master's final examination

1. The Examinations Board determines the final examination result and the date on which the student obtains his/her degree after it has been established that the student has passed all the units of study belonging to the programme.
2. A diploma can only be awarded after the Executive Board has declared that the student has satisfied all the procedural requirements, including the payment of tuition fees.

Article 4.12 Diplomas and transcripts

1. The Examinations Board grants a diploma as proof that the student has passed his/her final examination. The Executive Board sets the model for the diploma. The Examinations Board adds a diploma supplement to the diploma providing information on the nature and content of the degree programme completed. The diploma supplement is drawn up in English and complies with the European format.
2. Individuals who have successfully completed one or more components of the programme and who cannot be awarded a diploma as stipulated in paragraph 1 will, on request, receive a statement to be issued by the relevant Examinations Board stating at least the components that have been successfully completed together with the units of study they involved, the number of EC obtained and the way in which the examinations were taken.
3. The student can, without needing to provide reasons, request that the Examinations Board not proceed to award a diploma, unless the student him-/herself submitted the request for its issue.

Article 4.13 Fraud and plagiarism

1. The provisions of the Rules and Guidelines for the Examinations Board apply in full.
2. Electronic detection software programs may be used to detect plagiarism in texts. In submitting a text, the student implicitly consents to the text being entered into the database of the detection program concerned.

5. Study supervision and study progress

Article 5.1 Administration of study progress and academic student counselling

1. The faculty board is responsible for the correct registration of the students' study results in SAP/SLcM. After the assessment of an examination component has been registered, every student has the right to inspect the result for that component in SAP/SLcM and also has a list of the results achieved at his/her disposal via VUnet.
2. Enrolled students are eligible for academic student counselling. The types of academic student counselling available are listed in Section B.

Article 5.2 Adaptations for students with a disability

1. A student with a disability can submit an electronic request to the study adviser 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 course or an examination. In all cases, the student must fulfil the exit qualifications for the degree programme.
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.
3. In the case of dyslexia, the statement must come from a BIG, NIP or NVO registered testing agency.
4. The faculty board or, on its behalf, the College/Graduate School director or the programme director decides on the adaptations concerning the teaching facilities and logistics. The Examinations Board will rule on requests for adaptations with regard to examinations.
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.
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 to be upheld.
7. If the disability justifies an extension to the time in which the examination may be sat, the Examination Board will issue a statement testifying to this entitlement to an extension. If other provisions are required due to the specific nature of a disability, then the study adviser may initiate appropriate actions.
8. The statement referred to in member 7 may specify a limited validity of the special adaptations.

6. Hardship clause

Article 6.1 Hardship clause

In instances not regulated by the Teaching and Examination Regulations or in the event of demonstrable extreme unreasonableness and unfairness: the faculty board responsible for the degree programme will decide, unless the matter concerned is the responsibility of the Examinations Board.

7. Transitional and final provisions

Article 7.1 Amendments and periodic review

1. Any amendment to the Teaching and Examination Regulations will be adopted by the faculty board after taking advice from the relevant Board of Studies. A copy of the advice will be sent to the authorised representative advisory body.
2. An amendment to the Teaching and Examination Regulations requires the approval of the authorised representative advisory body if it concerns components not related to the subjects of Section 7.13, paragraph 2 sub a to g and v, as well as paragraph 4 of the WHW and the requirements for admission to the Master's programme.
3. An amendment to the Teaching and Examination Regulations can only pertain to an academic year that is already in progress if this does not demonstrably damage the interests of students.

Article 7.2 Transitional provisions

Notwithstanding the current Teaching and Examination Regulations, the following transitional provisions apply for students who started the programme under a previous set of Teaching and Examination Regulations:

1. If a subject in the compulsory degree programme is discontinued, a further two opportunities will be offered after the final class to sit the examination in the subject.
2. If a subject is not taught in a given academic year, at least one opportunity to sit an interim examination in that subject will be offered during the course of that year.

Article 7.3 Publication

1. The faculty board will ensure the appropriate publication of these Regulations and any amendments to them.
2. The Teaching and Examination Regulations will be posted on the faculty website and deemed to be included in the course catalogue.

Article 7.4 Effective date

These Regulations enter into force with effect from 1 September 2016

Thus drawn up by the faculty board Behavioural and Movement Sciences on 5 July 2016

Advice from Board of Studies,
Psychology, date 26 April 2016
Human Movement Sciences. Date
Research masters programmes FGB, date

Advice from Examination Board
Psychology, date 19 May 2016
Human Movement Sciences, date 19 May 2016

Approved by authorised representative advisory body on 20 June 2016

Section B: Programme-specific section

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Section B: Programme-specific section

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Section B: Programme-specific section

1. General provisions

Article 1.1 Degree programme information

1. The programme Musculoskeletal Physiotherapy Sciences CROHO number 69317 is offered on a full-time basis and the language of instruction and examination is English.
2. The programme has a workload of 60 EC.
3. A unit of study comprises 3 EC or a multiple thereof.

Article 1.2 Intake date

The programme is offered starting in the first semester of the academic year only (1 September). The intake date mentioned in this paragraph ensures that a programme can be completed within the nominal study duration set for the programme.

2. Programme objectives and exit qualifications

Article 2.1 Programme objective

1. The programme aims to achieve the following:
 - a) to prepare the student to practice professionally in the field of biophysical research in musculoskeletal physiotherapy;
 - b) to teach the student specialized knowledge, skills and understanding in the field of biophysical research in musculoskeletal physiotherapy; and
 - c) to prepare the student for academic work in the field of research in musculoskeletal physiotherapy.
2. The degree programme also promotes the academic education of the student, in particular with reference to:
 - a. independent, academic thought processes and performance;
 - b. communicating at an academic level in the English language;
 - c. applying specialist academic knowledge in a wider and/or philosophical and societal context.
3. The degree programme focuses attention on the student's personal development, promotes his or her awareness of social responsibility and develops student's skills of expression in the English language.

Article 2.2 Exit qualifications

The final qualifications for the programme are described in appendix I.

Article 2.3 Additional general provisions

1. The programme is a follow-up programme, as referred to in Article 7.30a of the Act, to the following Bachelor's programme:
 - a. Bewegingswetenschappen

3. Further admission requirements

Article 3.1 Admission requirements

1. Admission to the Master's programme is possible for an individual who can demonstrate that he/she has the following knowledge, understanding and skills at the Bachelor's degree level, obtained at an institution of academic higher education:
 - a) knowledge of the anatomical nomenclature, knowledge and understanding of the conceptual aspects of the structure and function of muscles, knowledge and understanding of form and function of joints;
 - b) basic knowledge and understanding of the neurophysiology of brain processes and neuromuscular control concerning membrane potential, ion channels, ion pumps, between neuron communication, spinal cord circuits and motor units, function of different brain structures, movement control;

- c) knowledge and understanding of muscle physiology: understanding of the anatomy of skeletal muscle, sarcomere function, twitch, tetanus, length-force, force- and power-velocity, and stimulation frequency-force relations, the size principle of motor unit recruitment, rate coding, EMG, electrical stimulation, fibre type related differences in contractile properties, cross-bridge kinetics, excitation contraction coupling, the basic metabolic changes during exercise (changes in ATP and PCr, glycolysis, oxidative phosphorylation, pH);
 - d) knowledge and understanding of mathematics (differential, integral and vector calculus, matrix calculations);
 - e) basic knowledge and understanding of biomechanics in 2D (rigid body kinematics, forces, moments, free body diagrams, mechanical work and power done by forces and moments, kinetic energy and its time derivative, momentum and angular momentum)
 - f) basic understanding of and skills in statistics (correlation, regression analysis, Student t tests, ANOVA);
 - g) understanding of and skills in processing digital signals in MATLAB;
2. Responsibility for admitting students to the degree programme, including the distinct programmes, has been delegated to the Admissions Board for the degree programme by the Faculty Board.
 3. Students will be admitted to the degree programme if they hold a certificate of admission, issued by or on behalf of the Faculty Board because they have demonstrated that they meet the knowledge, understanding and skills requirements reflecting the final level of attainment in an academic Bachelor's degree programme, i.e.:
 - a) knowledge, understanding and skills in the subject Human Movement Sciences;
 4. Holders of a Bachelor's degree certificate in Human Movement Sciences with a clear affinity for musculoskeletal physiotherapy from the institution will be deemed to have the knowledge and skills referred to in the first paragraph and will be admitted to the programme on that basis.
 5. Applicants who have successfully completed the Premaster's programme designated for this Master's programme and have received a certificate of admission as proof thereof, can also be admitted.
 6. The certificate of admission relates exclusively to the academic year following the academic year in which the application for the certificate was submitted, unless the Faculty Board decides otherwise.

Article 3.2 Pre-Master's programme

- 1 Applicants who have a (non-)university Bachelor's degree in a field that sufficiently corresponds to the field of the Master's programme may request admission to the pre-Master's programme to complement their acquired knowledge and skills with those required to enter the Master's programme. The content of the premaster program is individually determined based on individual deficiencies.
2. The pre-Master's programme is worth 24 credits and generally consists of the following educational units:
 - a. Wiskunde
 - b. Verwerken van digitale signalen
 - d. Biomechanica
 - d. Statistiek
3. Successful completion of the pre-Master's programme secures admission to the Master's programme in the following academic year.

Article 3.3 Final deadline for registration

A candidate must submit a request to be admitted to the programme through Studielink before 1 June in the case of Dutch students and before 1 April in the case of foreign students. Under exceptional circumstances, the Examination Board may consider a request submitted after this closing date.

Article 3.4 English language requirement for English-language Master's programmes

1. International applicants are required to pass an English language proficiency test. The proficiency requirement in English as the language of instruction can be met by the successful completion of one of the following examinations or an equivalent:
 - a. Academic IELTS test: 6.5
 - b. TOEFL paper-based test: 580

- c. TOEFL computer-based test: 237
 - d. TOEFL internet-based test: 92-93
 - e. Cambridge Certificate in Advanced English (CAE): A, B&C
 - f. Cambridge Certificate of Proficiency in English (CPE): A&B
2. Exemption is granted from the examination in English referred to in the first paragraph to students who, within two years of the start of the program:
- a. Met the requirements of the VU University Amsterdam English-language proficiency test, TOEFL ITP, meeting or surpassing the score threshold as stated in paragraph 1 or;
 - b. Had previous education in secondary or tertiary education in an English-speaking country as listed on the VU website or;
 - c. Have an English-language 'international baccalaureate' diploma.

4. Curriculum structure:

Article 4.1 Composition of programme:

1. The curriculum consists of the programme components stated below.
 - a. compulsory units of study (54 EC)
 - b. electives (6 EC)
2. The level of a course is specialised (400), scientific oriented (500) or highly specialised (600).

Article 4.2 Compulsory units of study

The course code, teaching method and type of test can be found in the online study guide. The compulsory units of study are:

Name of course component	EC	Period or semester	Level
Research methodology in musculoskeletal physiotherapy I	6	Period 1	500
Measuring Movement or: Physiotherapy: Organisation and Practice	6	Period 1	400
	6	Period 1	400
Research methodology in musculoskeletal physiotherapy II	6	Period 2	500
Biomechanical analysis of human movement	6	Period 2	500
Translational Research	3	Period 3	600
Master Research Project*	24	Period 3+4+5+6	600
Study components mentioned in A and B	Max. 6		
Total:	60		

* For more information please refer to appendix II

Article 4.3 Electives

- A. The student can take the following optional courses inside the Master's programme:

Name of course component	EC	Period or semester	Level
3-D Kinematics	3	Period 4	500
Imaging	3	Period 4	400
Electromyography	3	Period 5	500
Histology	3	Period 5	400
Extension Research Project*	6	Semester 2	600

* The extension of the Research Project has to be approved before the start of the internship by the supervisor.

- B. Optional courses from outside the Master's programme

Name of course component	EC	Period or semester	Level
Entrepreneurship in Human Movement Sciences (FEWEB)	6	Period 5	400
Docentenopleiding*	6 (30)	Semester 1 + 2	n.a.
Other bachelor or master courses, after approval by the			

Examination Board			
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* The course Docentenopleiding is taught in Dutch and comprises 30 EC, of which 6 EC can be used in the elective part of the programme.

Prior to the start of the programme, approval of the Examination Board will be required for the proposed study components. This approval can only be obtained through the submission of an Approval Form, available on VUnet, at least 2 months before the student wishes to enter the final examination. A final decision on the request is made by the Examination Board. In the case of a request being filed at a later date, the Examination Board can decide that the exam should be taken at a later date.

Article 4.4 Sequence of examinations

Not applicable.

Article 4.5 Validity period for results

The validity period of examinations and exemptions from examinations is limited to six years.

Article 4.6 Final Master's degree assessment and declaration

1. Notwithstanding the stipulations in Article 4.11 of Section A, the Examination Board initiates an investigation into the knowledge, understanding and skills of the degree candidate.
- 1a. Students who have successfully met the requirements of the degree programme and all other legal requirements will have the title of 'Master' conferred upon them by the Executive Board. The predicate 'Science' will be added to this title, which can then be abbreviated to MSc. Details of the degree awarded will be recorded on the degree certificate in question. The Examination Board will issue the student with the degree certificate and the degree supplement as referred to in Article 7.11 of the Act, once the Executive Board has declared that all of the relevant procedural requirements have been met. The student may ask the Examination Board not to proceed with issuing the certificate, unless he or she has already submitted a request for the certificate to be issued

5. Transitional and final provisions

Article 5.1 Amendments and periodic review

1. Any amendment to the Teaching and Examination Regulations will be adopted by the Faculty Board after taking advice from the relevant Board of Studies and the relevant Examination Committee. A copy of the advice will be sent to the authorised representative advisory body.
2. An amendment to the Teaching and Examination Regulations requires the approval of the authorised representative advisory body if it concerns components not related to the subjects of Section 7.13, paragraph 2 sub a to g and v, as well as paragraph 4 of the WHW and the requirements for admission to the Master's programme.
3. An amendment to the Teaching and Examination Regulations can only pertain to an academic year that is already in progress if this does not demonstrably damage the interests of students.

Article 5.2 Transitional provisions

Notwithstanding the current Teaching and Examination Regulations, the following transitional provisions apply for students who started the programme under a previous set of Teaching and Examination Regulations: If a subject in the compulsory degree programme is discontinued, a further two opportunities will be offered after the final class to sit the examination in the subject. In 2016-2017 this is applicable to:
- Writing a research proposal

Article 5.3 Publication

1. The Faculty Board will ensure the appropriate publication of these Regulations and any amendments to them.
2. The Teaching and Examination Regulations will be posted on the faculty website.

Article 5.4 Effective date

These Regulations enter into force with effect from September 1, 2016

Adopted by the Faculty Board on 5 July 2016

Advice from Board of Studies, Master Program Committee on May 4, 2016
Advice Examination Committee: May 17, 2016

Approved by the Representative advisory body on June 20, 2016

Appendix I Intended learning outcomes

Dublin-descriptor Knowledge and understanding MSc Programme:	
Provides a basis or opportunity for originality in developing or applying ideas often in a research* context	<ol style="list-style-type: none"> 1. Knowledge of and insight into current research with regard to causes, prevention, diagnosis, treatment (especially physiotherapy management) and prognosis of movement and musculoskeletal disorders 2. Knowledge of advanced research methods and techniques relevant to musculoskeletal physiotherapy research
Dublin-descriptor: Applying knowledge and understanding MSc Programme:	
[through] problem solving abilities [applied] in new or unfamiliar environments within broader (or multidisciplinary) contexts	<ol style="list-style-type: none"> 3. The ability to apply advanced research techniques and methods used to investigate the musculoskeletal system 4. The ability to formulate (clinically) relevant research questions and to design plans, methods, procedures and analyses to answer these questions and implement the results in a clinical or community setting 5. The ability to collect, analyse and interpret scientific data concerning causes, prevention, diagnosis, treatment (especially physiotherapeutic management) and prognosis of movement and musculoskeletal disorders 6. The ability to apply theories and models from human movement, physiotherapy and related sciences to formulate and answer clinical research questions relevant to this field of study 7. The ability to integrate information originating from several fields of research and clinical physiotherapy practice
Dublin-descriptor: Making judgements MSc Programme:	
[demonstrates] the ability to integrate knowledge and handle complexity, formulate judgements with incomplete data	<ol style="list-style-type: none"> 8. The ability to think along interdisciplinary lines and to have insight in relevant disciplines involved in movement and musculoskeletal disorders 9. The ability to critically evaluate methods and results of research 10. Insight in the scientific, clinical and social relevance of current research in the field of movement and musculoskeletal disorders 11. The ability to reflect on social and ethical issues related to research, and to promote responsible conduct in research and academia (research integrity)
Dublin-descriptor: Communication MSc Programme:	
[of] their conclusions and the underpinning knowledge and rationale (restricted scope) to specialist and non-specialist audiences (monologue)	<ol style="list-style-type: none"> 12. The ability to contribute to scientific discussions about research in the field of musculoskeletal physiotherapy 13. The ability to comprehensively present research in a professional manner to a scientific, clinical, and lay audience 14. The ability to present research in writing at the level of a scientific and professional journal 15. The ability to communicate with experts from different disciplines and to build exchange and collaboration within and between disciplines
Dublin-descriptor: Learning skills MSc Programme	
study in a manner that may be	16. The ability to evaluate and reflect critically on his/her own

largely self-directed or autonomous	functioning according to the guidelines of good clinical practice 17. The ability to work in an interdisciplinary (research) environment 18. The ability to largely autonomously collect scientific information and to analyse and evaluate this information critically
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Appendix II Master Research Project

The Research Project should abide by the following rules:

- All Research Projects, also those carried out outside the faculty, must be carried out under supervision of an academic staff member of the faculty. This supervisor has the final responsibility for the project.
- Within one month after starting the Research Project, the study design must be approved by the principle supervisor and intended examiners of the final report.
- The end product of the Master Research Project consists of a report in the form of a scientific paper, possibly extended with appendices containing more extensive descriptions of methods and results.
- Students have to attend at least 80% of all Capita Selecta meetings organised within the programme Musculoskeletal Physiotherapy Sciences. If a student fails to meet this criterion, an additional assignment given by the coordinator of the Capita Selecta will need to be conducted.
- The final grade for the Research project is composed of three components: research report (50%), research process (35%), and Oral presentation (15%)
- The individual parts are evaluated as follows:
 - Process (35%)

The supervisor(s) of the Master Research Project award(s) the process score.
 - Written report (50%)

Within two weeks after receiving it, two independent assessors review the research report similar to reviewing a submission to a scientific journal. Both examiners score the paper with a grade (using half points when considered appropriate) between 0 - 10. If the difference between examiners is larger than 1 mark, a third assessor will grade the report. The most outlying score will be ignored, and the mean of the two remaining scores will be used. If the difference between the lowest and the middle score and between the highest and the middle score are identical, the mean will be calculated based on all three scores. If the mean score is 5.0 or less you are allowed to revise the paper one more time. You will need to respond to the review of the assessors detailing how you have addressed their comments.
 - Oral presentation (15%)

The oral presentation is graded by two independent assessors. If you receive a mark of 5.0 or less, you must reschedule and deliver a new presentation.