

# **Teaching and Examination Regulations**

## **MASTER's Degree Programme HUMAN MOVEMENT 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:

- |                             |   |
|-----------------------------|---|
| 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"><li>○ researching and writing a thesis</li><li>○ carrying out a research assignment</li><li>○ taking part in fieldwork or an excursion</li><li>○ participating in and completing a work placement;</li></ul> |
| 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 <a href="http://www.vu.nl/en/study-guide">www.vu.nl/en/study-guide</a> ;   |

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 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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**APPENDICES**

- Appendix I Learning Outcomes
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**Section B: Programme-specific section**  
**Programme Human Movement Sciences: Sport, Exercise & Health**

**1. General provisions**

**Article 1.1 Degree programme information**

1. The programme Human Movement Sciences: Sport, Exercise & Health CROHO number 66950 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 only offered starting in the first semester of the academic year (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**

The programme aims to achieve the following:

- a. to prepare the student to practice professionally in the field of Human Movement Sciences;
- b. to teach the student specialized knowledge, skills and understanding in the field of Human Movement Sciences and dependent on their specialization mainly focusing on sport or health; and
- c. to teach the student communicating at an academic level in the English language;
- d. To prepare the student for academic work in the field of Human Movement Sciences and dependent on their specialization mainly focusing on sport or health.
- e. To promote the academic education of the student, in particular with reference to:
  - (1) independent, academic thought processes and performance;
  - (2) applying specialist academic knowledge in a wider and/or philosophical and societal context.
- f. 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: 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. knowledge and understanding of the cardiovascular and respiratory system and the human energy systems and basic knowledge of and skills in the measurement of energy

- expenditure;
  - 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. basic knowledge and understanding of human psychology (principles on learning, perception, memory and emotion);
  - e. knowledge and understanding of mathematics (differential, integral and vector calculus, matrix calculations);
  - 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;
  - h. knowledge and understanding of and skills in common measurement and data processing techniques related to human movement sciences.
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;
    - b. knowledge, understanding and skills in the subject Health Sciences, with major Movement Sciences.
  4. Holders of a Bachelor's degree certificate in Human Movement Sciences 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. 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.
2. The standard pre-Master's programme comprises 30 EC and is made up of the following units of study:
  - a. Wiskunde
  - b. Spierfysiologie
  - c. Verwerken van digitale signalen
  - d. Meten van Fysische Grootheden
  - e. Statistiek

Students who wish to specialize in Sport Psychology may follow an alternative pre-Master's programme consisting of the following educational units:

- a. Sportpsychologie
- b. Wiskunde
- c. Spierfysiologie
- d. Verwerken van digitale signalen
- e. Statistiek

Students who wish to specialize in Sports Psychology with a Bachelor's degree in Psychology do not have to follow a fixed pre-Master's programme but any deficiency in anatomy and physiology should have been eliminated before the start of the programme.

This can be achieved for example by following the course 'Humane Anatomie en Fysiologie' (6 EC) at the Faculty of Earth and Life Sciences.

3. Proof of a successfully completed pre-Master's programme serves as proof of admission to the Master's programme specified within the subsequent academic year.

#### Article 3.3 Final deadline for registration

A candidate must submit a request to be admitted to the programme through Studielink before June 1<sup>st</sup> in the case of Dutch students and before April 1<sup>st</sup> 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 or 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 Vrije Universiteit 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 programme consists of the following components:
  - a. compulsory units of study (30 EC)
  - b. electives inside master programme (21-30 EC)
  - c. electives outside master programme (max. 9 EC)
2. The level of a course is specialised (400), science 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 study guide. The compulsory units of study are:

Name of course component	EC	Period or semester	Level
Concepts in HMS	6	Period 1	500
Research Project	24	Semester 2	600

##### Article 4.3 Electives inside the programme

When a student follows at least 21 EC of one of the following tracks, the track name and description will be mentioned on the student Master certificate supplement. However a student can also choose to do a free track. The free track must have a total of 21 EC of courses from the Master Human Movement Sciences.

*Track: Rehabilitation (21 EC)*

Name of course component	EC	Period or semester	Level
Topics in Rehabilitation	6	Period 1	500
Coordination Dynamics: Principles and Applications	6	Period 2	400
Applied Biomechanics	6	Period 2	500
Clinical Exercise Physiology*	3	Period 3	400
Exercise and Health*	3	Period 3	400

In period 3 the student chooses at least one out of two courses

*Track: Biophysics in Sport (21 EC)*

Name of course component	EC	Period or semester	Level
Maximal Neuromuscular Performance	3	Period 1	400
Energy Flow Models	3	Period 1	500
Training, Aging and Disuse	6	Period 2	400
Applied Biomechanics	6	Period 2	500
Clinical Exercise Physiology	3	Period 3	400

*Track: Sport Psychology (21 EC)*

Name of course component	EC	Period or semester	Level
Current issues in Sport and Exercise Psychology	6	Period 1	500
Perceptual Motor Learning	6	Period 2	500
Sport Psychology: from Evidence to Application	6	Period 2	500
Talent Identification and Development	3	Period 3	400

*Track: High Performance Coaching (21 EC)*

*(A maximum of 20 students can be admitted per year; selection based on letter of motivation.)*

Name of course component	EC	Period or semester	Level
Current issues in Sport and Exercise Psychology	6	Period 1	500
Applied Biomechanics*	6	Period 2	500
Perceptual Motor learning*	6	Period 2	500
Sport Psychology: from Evidence to Application*	6	Period 2	500
Talent Identification and Development*	3	Period 3	400
Clinical Exercise Physiology*	3	Period 3	400

\* In period 2 the student chooses two out of three courses and in period 3 the student chooses at least one out of two courses

Optional courses for all students:

Name of course component	EC	Period or semester	Level
3D-kinematics	3	Period 4	500
Perception for action	3	Period 4	500
Sport and Performance Dietics	3	Period 4	400
Electromyography	3	Period 5	400
Special topics in Sports Engineering	3	Period 5	500
Entrepreneurship in HMS	6	Period 5	400

#### Article 4.4 Electives outside the programme

The student can choose 9 EC in the elective part of the program. The student is allowed to do extra courses from the table above or choose one of the courses in the table below. He can also choose as electives master courses from other programmes as long as they widen or deepen the students program/ at least have the scope, breadth and depth of a regular Master's program.

Name of course component	EC	Period or semester	Level
Practical Internship	6	Semester 1 + 2	N.A.
Docentenopleiding*	9 (30)	Semester 1 + 2	N.A.
Short Literature Review	6	N.A.	N.A.
Extension Master Research Project**	6	N.A.	600

\* The course Docentenopleiding is taught in Dutch and comprises 30 EC, of which 9 EC can be used in the elective part of the programme.

\*\* The extension of the Master Research Project has to be approved by the Examination Board and supervisor before the start of the internship.

Approval by 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. In the case of a request being filed at a later date, the Examination Board can decide that the final examination should be taken at a later date.

## 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 from the relevant Examination Board. 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 examination opportunities to sit the examination in the subject will be offered after the final discontinuation of the subject.

### 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 1 September 2016

Adopted by the Faculty Board on 5 July 2016

Advice from Board of Studies, Master Program Committee on May 4.

Advice from Examination Board on May 17, 2016

Approved by the GV on 20 June 2017

Appendix I Final Qualifications MSc. Programme:

<b>Dublin-descriptor Knowledge and understanding:</b>	
Provides a basis or opportunity for originality in developing or applying ideas often in a research* context	<ol style="list-style-type: none"> <li>1. Has knowledge of the current theories and insight in the present research questions in the fields of Sport, Exercise and Health.</li> <li>2. Can collect scientific information efficiently and is able to correctly interpret knowledge concerning specific topics in the fields of Sport, Exercise and Health.</li> <li>3. Can develop a research plan in which design, execution and analysis of the study are properly described.</li> <li>4. Has knowledge of advanced research methods and techniques relevant for the field</li> </ol>
<b>Dublin-descriptor: Applying knowledge and understanding:</b>	
[through] problem solving abilities [applied] in new or unfamiliar environments within broader (or multidisciplinary) contexts	<ol style="list-style-type: none"> <li>5. Has mastered experimental and analysis methods to plan, set-up and execute applied research, particularly in the fields of sport, exercise and health.</li> <li>6. Can apply HMS related knowledge on societal questions, particularly regarding sport, exercise and health.</li> <li>7. Can lay links between data coming from several fields of research.</li> <li>8. Can think interdisciplinary, has insight in relevant disciplines</li> </ol>
<b>Dublin-descriptor: Making judgements:</b>	
[demonstrates] the ability to integrate knowledge and handle complexity, formulate judgements with incomplete data	<ol style="list-style-type: none"> <li>9. Can critically evaluate methods and results of research.</li> <li>10. Has insight in the scientific and social relevance of the current research in the fields of sport, exercise and health.</li> </ol>
<b>Dublin-descriptor: Communication:</b>	
[of] their conclusions and the underpinning knowledge and rationale (restricted scope) to specialist and non-specialist audiences (monologue) ..	<ol style="list-style-type: none"> <li>11. Can transmit scientific knowledge orally, using modern presentation techniques and coordinated on the public concerned.</li> <li>12. Can present results of research in writing at the level of a professional journal and uses references correctly.</li> <li>13. Is able to contribute content wise to scientific discussions concerning the planning of research and interpreting the results.</li> <li>14. Is able to communicate at level with experts from several fields hereby contributing to linking these fields.</li> <li>15. Can cooperate in interdisciplinary composed teams.</li> </ol>
<b>Dublin-descriptor: Learning skills:</b>	
study in a manner that may be largely self-directed or autonomous	<ol style="list-style-type: none"> <li>16. Is able to reflect on obtained knowledge and skills.</li> <li>17. Is capable of evaluating its own functioning and setting own learning aims, both by self-reflection and in conversation with others.</li> <li>18. Has gained practical experience in doing research during a scientific research project and knows own strengths and weaknesses.</li> <li>19. Can independently acquire information on the basis of scientific and professional literature and analyse and critically evaluate this information.</li> <li>20. Has the skill to learn new knowledge and skills independently in a future situation within the framework of lifelong learning.</li> </ol>

## Appendix II Master Research Project

The Master Research Project should abide to the following rules:

- All Master 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 Research Project.
- Within two months after starting the Research Project, a research proposal must be approved by the supervisor.
- The Master Research Project thesis consists of a research report containing extensive descriptions of methods and results.
- Students have to attend at least 12 seminars organized at the faculty, in which students present their Research Project. Students can start attending the seminars during the last Bachelor year or the Premaster's programme of the Faculty of Behavioural and Movement Sciences.
- If a student fails to attend 12 seminars, an additional assignment will be given by the coordinator of the seminars