

# **Teaching and Examination Regulations**

## **Faculty of Behavioural and Movement Sciences Research Master's programme in Human Movement Sciences**

**Academic year 2024-2025**

- A. Faculty section model
- B1. Programme-specific section model
- B2. Programme-specific content of programme model

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## Section A: Faculty section

### 1. General provisions

#### Article 1.1 Applicability of the Regulations

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| 1. These Regulations apply to anyone enrolled in the programme, irrespective of the academic year in which the student was first enrolled in the programme.                                   |
| 2. These Regulations enter into force on 1 September 2024.  |
| 3. An amendment to the Teaching and Examination Regulations is only permitted to concern an academic year already in progress if this does not demonstrably damage the interests of students. |

#### Article 1.2 Definitions

The following definitions are used in these Regulations (*in alphabetical order*):

- a. academic year: the period beginning on 1 September and ending on 31 August of the following calendar year;
- b. EC (European Credit): a course credit with a workload of 28 hours of study;
- c. examination: an assessment of the student's knowledge, understanding and skills relating to a unit of education. 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 examination. An examination can be completed in writing, orally or in another way;
- d. final examination: A Master's programme consists of a Master's examination;
- e. internship: period spent working in professional practice as part of a study programme;
- f.1 joint degree: a degree awarded by an institution together with one or more institutions in the Netherlands or abroad, after the student has completed a study programme (a degree programme, a specialisation or a specific curriculum within a degree programme) for which the collaborating institutions are jointly responsible;
- f.2 double degree: partnership between two study programmes, either within the institution or with another educational institution inside or outside the Netherlands, whereby students complete all or part of both study programmes and obtain two diplomas on the basis of agreements regarding the mutual recognition of the programme (replacement courses);
- g. period: a part of a semester;
- h. practical exercise: participation in a practical training activity or other educational learning activity, aimed at acquiring certain (academic) skills. Examples of practical exercises are:
- researching and writing a thesis or dissertation
  - carrying out a research assignment
  - taking part in fieldwork or an excursion

- taking part in another educational learning activity aimed at acquiring specific skills, or
  - participating in and completing a work placement;
- i. programme: the totality and cohesion of the units of education, teaching activities/methods, contact hours, testing and examination methods and recommended literature;
- j. SAP/SLM: the student information system (*Student Lifecycle Management*);
- k. semester: the first (September - January) or second half (February - August) of an academic year;
- l. specialisation: optional route of study within a degree programme indicating a deepening of the context of the programme (e.g. interdisciplinary or multidisciplinary);
- m. student statute: sets out the rights and responsibilities of students on the one hand, and of Vrije Universiteit Amsterdam on the other hand, including those derived from the law and those derived from university regulations. The Executive Board (CvB) officially confirms the student statute once its completeness has been approved by the University Student Council (USC);
- n. student: person studying;
- o. study guide: the guide for the study programme that provides further details of the courses, provisions and other information specific to that programme. The study guide is available online at <https://www.vu.nl/studiegids>;
- p. study monitor: dashboard for students and academic advisers containing data pertaining to the student, including the student's study progress;
- q. subject: see u. 'unit of education';
- r. thesis: a unit comprising research into the literature and/or a contribution to scientific research, always resulting in a written report;
- s. track: a study pathway within a broader Bachelor's or Master's degree; programme, such as a fully English-language study pathway within a Dutch-language Bachelor's or Master's programme;
- t. unit of education: a unit of study of the programme within the meaning of the WHW;
- u. university: Vrije Universiteit Amsterdam;
- v. WHW: the Dutch Higher Education and Research Act (Wet op het Hoger Onderwijs en Wetenschappelijk Onderzoek (WHW)).
- w. workload: the workload of the unit of education to which an examination applies, expressed in terms of credits = EC credits (ECTS = European Credit and Transfer Accumulation System). The workload for 1 year (1,680 hours) is 60 EC credits.

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

## 2. Study programme structure

### Article 2.1 Structure of academic year and units of education

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| 1. The study programme will be offered in a year divided into two semesters.  |
| 2. Every semester consists of three consecutive periods. The first two periods each consist of eight weeks, and the final period consists of four weeks.                                      |
| 3. A unit of education comprises 6 EC or a multiple thereof.  |
| 4. By way of exception to paragraph 3, the Executive Board may in special cases and on request of the Faculty Board, stipulate that a unit of education comprises 3 EC or a multiple thereof. |

## 3. Assessment and examination

### Article 3.1 Signing up for education and examinations

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| 1. Every student must sign up to participate in the units of education of the programme, the examinations and resits. The procedure for signing up is described in an annex to the student statute. |
| 2. Signing up may only take place in the designated periods.  |

### Article 3.2 Type of examination

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| 1. At the examiner's request, the Examination Board may permit a different form of examination than is stipulated in the study guide. |
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### Article 3.3 Oral examinations

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| 1. No more than one student will be examined orally at a time, unless specified otherwise in part B for the relevant unit of education.   |
| 2. A second examiner is present when an oral examination is being held, unless the Examination Board has determined otherwise. The oral examination takes place at a time and location to be determined by the examiner within the regular timetable, on campus or online. At the request of the student, and with the approval of the examiners, an audio recording can be made. Should the second examiner not be available unexpectedly, an audio recording of the oral exam can be made. This audio recording is retained by the university for the retention period applicable for examinations. |
| 3. A candidate is permitted to bring a person to the oral examination, provided that the candidate has informed the relevant examiner at least one week before the examination. This person must not be a student of the same program or course, and this person is an observer only.   |

### Article 3.4 Determining and announcing results

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| 1. The examiner determines the result of a written examination within ten working days. However, the marking deadline for theses and final assignments is no longer than twenty working days after submission. The examiner will then immediately ensure that the marks are registered and also ensures that the student is immediately notified of the mark, taking due account of the applicable confidentiality standards. |
| 2. The examiner determines the result (i.e. mark) of an oral examination as soon as possible, but at the latest within five working days after the examination has finished and informs the student accordingly. The third clause of the first paragraph applies.   |

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| 3. In the case of assessments other than oral or written examinations, the Examination Board determines in advance how and by what deadline the student will be informed of the results. |
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#### Article 3.5 Examination opportunities

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| 1. a. Per academic year, two opportunities to take examinations will be offered for each unit of education.<br>b. By way of exception to a., the options for retaking practical exercises, work placements and these are detailed in the relevant work placement manual, course manual or teaching regulations.  |
| 2. The most recent mark will apply in the event of a resit. A resit is allowed for both passed and failed units of education.  |
| 3. The resit for an examination may not take place within ten working days of the announcement of the results for the original examination. Exceptions are only possible in period 6.  |
| 4. The Examination Board may allow a student an extra opportunity to sit an examination if that student:<br>a) lacks only those credits to qualify for their degree; and<br>b) has failed the examination during all the previously offered attempts unless participation in an examination was not possible for compelling reasons.<br>The extra opportunity can only be offered if it concerns a written examination, a paper or a take home examination. This provision excludes the practical exercises and the Bachelor's thesis. Requests for an additional examination opportunity must be submitted to the Examination Board no later than 1 July. If necessary, the method of examination may deviate from the provisions in the study guide. |
| 5. For a unit of study that is no longer taught, an additional opportunity to take the examination(s) will be given once in the following academic year and a transitional arrangement will be included in Part B.   |

#### Article 3.6 Marks

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| 1. Grades are given on a scale from 1 to 10 with no more than one figure after the decimal point.   |
| 2. A final mark between 5 and 6 will be rounded to the nearest whole number: final marks below 5.50, rounded down; final marks of 5.50 or higher, rounded up. All other final marks will be expressed in whole or half marks. |
| 3. To pass a given course or unit, a final mark of 6 or higher is required.   |
| 4. The Examination Board can allow the use of symbols rather than numbers.  |

#### Article 3.7 Exemption

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| 1. At the written request of the student, the Examination Board may exempt the student from taking one or more examination components, if they:<br>a. have either passed a unit of education at a university or university of applied sciences (HBO) or a research university (WO) that is equivalent in terms of content and level;<br>b. or have demonstrated through their work and/or professional experience that they have sufficient knowledge and skills with regard to the relevant unit of education. |
| 2. The Master's thesis and internship is excluded from this exemption possibility   |

#### Article 3.8 Validity period for results

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| 1. The validity period of examinations passed and exemption from examinations is unlimited, unless otherwise specified in Section B. |
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#### Article 3.9 Right of inspection and post-examination discussion

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| 1. Within twenty working days after the announcement of the results of a written examination, but at least ten working days before the resit opportunity for that examination, the student can submit a request to review their graded examination. |
| 2. Students can view the questions and assignments set in the written examination, and the standards applied when assessing the examination, within the period specified in 3.9.1.  |
| 3. The examiner determines whether the inspection takes place collectively or individually. In all cases, the time and place of the inspection is announced in the course manual or in Canvas   |

### 4. Academic student counselling and study progress

#### Article 4.1 Administration of study progress and academic student counselling

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| 1. The faculty board is responsible for the correct registration of the students' study results. After the assessment of a unit of education has been registered, every student has the right to inspect the result for that component and also has a list of the results achieved at their disposal in VU.nl Dashboard. |
| 2. Enrolled students are eligible for academic student counselling.<br>Academic student counselling is in any case provided by <ol style="list-style-type: none"> <li>a. The Student Counsellor</li> <li>b. Student psychologists</li> <li>c. Faculty academic advisers</li> </ol>                                       |

#### Article 4.2 Facilities for students with a disability

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| 1. Students with a disability can submit a request via VU.nl Dashboard to qualify for one or more special facilities with regard to teaching, practical exercises and examinations. These facilities will accommodate the student's individual disability as much as possible, but may not alter the quality or degree of difficulty of a unit of education or an examination. In all cases, the student must fulfil the exit qualifications for the study 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. Students who have been diagnosed with dyslexia must provide a statement from a BIG-, NIP- or NVO-registered professional who is qualified to conduct a psychological evaluation.   |
| 4. The faculty board, or the person acting on behalf of the faculty board, decides on teaching facilities and facilities regarding logistics. The Examination Board will decide on requests for facilities 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 can make an appointment with the academic adviser to discuss the details of the provisions.  |
| 6. A request for one or more facilities can be refused if it would place a disproportionate burden on the organisation or the resources of the faculty or university were it upheld. Any such refusal will be substantiated.  |
| 7. If the disability justifies an extension of the examination time, the responsible person on behalf of the Examination Board will register in SAP this entitlement to an extension. If a disability justifies other measures to be taken, the academic adviser can take the necessary measures. The student can consult the study monitor to check which facilities have been granted to them.  |
| 8. The decision as referred to in paragraph 5 may specify a limited validity of the facilities granted.   |



## 5. Hardship clause

### Article 5.1 Hardship clause

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

## Section B1: Programme-specific section

### 6. General programme information and characteristics

#### Article 6.1 Study programme information

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| 1. The programme Human Movement Sciences: Sport, Exercise & Health (Research), CROHO number 60812 is offered on a full-time basis. |
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#### Article 6.2 Teaching formats used and modes of assessment

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| 1. The programme uses the teaching formats as specified in the study guide.             |
| 2. The modes of assessment used per unit of education are specified in the study guide. |

### 7. Further admission requirements

#### Article 7.1 Intake date(s)

The Master's programme starts on 1 September.
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#### Article 7.2 Admission requirements

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| <ol style="list-style-type: none"><li>1. Admission to the Research 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:<ol style="list-style-type: none"><li>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;</li><li>b. knowledge and understanding of the cardiovascular and respiratory system and the human energy systems;</li><li>c. knowledge and understanding of muscle physiology and muscle mechanics</li><li>d. basic knowledge and understanding of human psychology (principles on learning, perception, memory and emotion);</li><li>e. basic knowledge and understanding of motor control and coordination (feedback and feedforward models, visual control and proprioceptive feedback, and motor learning and development).</li><li>f. basic knowledge and understanding of the neurophysiology of movement, from the cellular to the systems level ;</li><li>g. knowledge and understanding of mathematics (differential, integral and vector calculus, matrix calculations);</li><li>h. basic knowledge and understanding of biomechanics (translation, rotation, free body diagrams, kinetic energy, work done by forces and moments, power).</li><li>i. basic understanding of, and skills in, statistics (correlation, regression analysis, Student's t-tests, ANOVA) in R or comparable tool/programming language;</li><li>j. understanding of, and skills in, processing digital signals in MATLAB, Python or a comparable tool/programming language;</li><li>k. knowledge and understanding of, and skills in, common measurement and data processing techniques in human movement sciences (direct and indirect measurement techniques of movement analysis, measuring velocity, acceleration and kinematics, measuring force from force plates and other force transducers, measuring and analysing electromyography, measurement of energy expenditure).</li></ol></li></ol> |
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2. The admission board will investigate whether the applicant meets the admission requirements.
3. Eligible are students with a Bachelor's degree or an equivalent degree from a relevant field of study, such as movement sciences, medicine, dentistry, health sciences, medical biology, or biomedical engineering.
4. In addition to the requirements referred to in the first paragraph, the Board will also assess requests for admission in terms of the following criteria: <ol style="list-style-type: none"> <li>a. talent and motivation</li> <li>b. interest in and ability to perform research</li> <li>c. a GPA of 7.0 or more for the final two years of the Bachelor's programme. If applicable, a GPA of 7.0 or higher for the premaster's programme.</li> </ol>
5. Applicants should demonstrate that they have sufficient level of proficiency in English by meeting at least one of the following standards no more than two (2) years before the start of the programme at VU Amsterdam: <ul style="list-style-type: none"> <li>- (academic) IELTS: 6.5, or</li> <li>- TOEFL paper-based test: 580, or</li> <li>- TOEFL internet-based test 92</li> </ul>
6. Applicants who: <ul style="list-style-type: none"> <li>- completed an English-taught secondary or higher education degree in Canada, the United States, the United Kingdom, Ireland, New Zealand or Australia or</li> <li>- have earned a Bachelor's or Master's degree in an English-taught programme accredited by NVAO in the Netherlands; or</li> <li>- have earned a Bachelor's or Master's degree in an accredited English-taught programme in another member state of the European Union; or</li> <li>- have obtained a Cambridge English: Proficiency with a minimal grade of C1</li> <li>- have earned a VWO diploma or equivalent diploma in which English of a comparable level is required</li> </ul> are exempted from the requirements referred to in paragraph 5.

### Article 7.3 Capacity restriction

The following selection procedure and method apply to programme admissions

1. Admission is limited to a maximum of 30 students per annum.
2. Applicants who meet the above quantitative criteria will be invited for a selection interview with the Faculty's board of admission for the Research Master programme. Independent of the quantitative criteria, the Admission Board can also admit a student based upon qualitative criteria. During the selection interview the board will assess the candidate's motivation for participation in the Research Master and evaluate the match between the contents and level of previous education, including previously obtained study results, and the requirements for the Research Master. The results of the interview will play a role in the final selection of candidates.
3. If more than 30 candidates are found suitable, then the following additional selection criteria will be applied: <ol style="list-style-type: none"> <li>a. GPA BSc grade;</li> <li>b. mark(s) for previously completed research project(s);</li> <li>c. type of degree;</li> <li>d. cultural background and nationality;</li> <li>e. the results of the interview with the board of admission.</li> </ol> <p>Five places will be reserved for students with a different background than Human Movement Sciences who meet the criteria, mentioned under 1 and 2, and five places will be reserved for foreign students or students with a non-western migrant background. When less than five foreign students or students with a non-western migrant background or less than five students with a different background than Human Movement Sciences apply for the Research Master, these places are available for other students.</p> <p>In case a student does meet the entry requirements and is admitted but lacks certain skills that are deemed essential for successful completion of the programme, the student is obliged to mitigate</p>

these insufficiencies.

#### Article 7.4 Pre-Master's programme

1. Applicants with a Bachelor's degree from a university of applied sciences (HBO) or a Bachelor's degree from a research university (WO) who wish to enter the programme but do not fulfil the admission requirements as stipulated in Article 7.2 can request admission to the pre-Master's programme.
2. A candidate must demonstrate that they meet the language requirements, as specified in Article 7.5.
3. The pre-Master's programme has max. 30 credits and consists of the following units:
  - a. Wiskunde
  - b. Verwerken van Digitale Signalen
  - c. Biomechanica
  - d. Statistiek
  - e. Meten van Fysische Grootheden

The following terms also apply:

  - a. If the pre-Master's enrollee is completing an individualized pre-Master's programme, this is to be communicated to the enrollee in writing.
  - b. The Examination Board can, if the pre-Master's enrollee submits a written request, exempt the enrollee from one or more examinations.
  - c. Article 3.5.4 does not apply for the pre-Master's enrollee
4. Evidence that the pre-Master's programme has been completed successfully will entitle the enrollee to admission to the relevant Master's programme in the following academic year.
5. Re-registration for the Pre-master's programme is not possible. The Pre-master's programme must be completed within one academic year.

## 8. Examinations and results

#### Article 8.1 Sequence of examinations

- Students can only start with the course Advanced 3D Kinematics after having completed the course Applied Biomechanics
- Students can only start the Master Research Project after having completed courses for at least 30 EC in the programme.

#### Article 8.2 Validity period for results

1. If a student's knowledge, understanding or skills as evaluated in the exam are demonstrably outdated, the Examination Board may impose a supplementary or replacement examination for a unit of education for which an examination was passed more than 6 years ago.
2. The validity period for partial results and exemptions for partial exams is limited. Partial results and exemption for partial exams are only valid in the academic year in which they were obtained, unless otherwise stated in the relevant course manual. The validity period for partial results for papers and practicals is not limited, unless otherwise stated in the relevant course manual.

### Article 8.3 Determining and announcing results

By way of deviation from article 3.4.1 the marking deadline for papers and interim examinations with at least 50% open questions is no longer than fifteen working days.

### Article 8.4 Examination Opportunities

Notwithstanding paragraph 3.5.2 a sufficiently assessed paper, cannot be retaken unless it is possible to generate a new work, independent of the previous work and which does not require to gather new course materials (such as dataset, project). The course manual will indicate whether this possibility is offered.

### Article 8.5 Maximum Exemption

A maximum of 24 EC can be exempted from the programme.

## Section B2: Programme-specific section – content of programme

### 9. Programme objectives, tracks/specialisations, exit qualifications and language

#### Article 9.1 Workload

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| 1. The programme has a workload of 120 EC. |
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#### Article 9.2 Tracks and/or specialisations

Not applicable

#### Article 9.3 Programme objective

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| <ol style="list-style-type: none"> <li>1. The objective of the programme is that, after successful completion, the student:           <ol style="list-style-type: none"> <li>a) shows independent, academic skills and performance;</li> <li>b) has advanced knowledge of specific subjects within Human Movement Sciences;</li> <li>c) has an independent work attitude to do research;</li> <li>d) is able to tackle multidisciplinary and interdisciplinary questions in human movement sciences and in applied settings;</li> <li>e) is able to conduct translational research, translating fundamental insights into clinical and/or sports related applications and vice versa;</li> </ol> </li> <li>2. The degree programme promotes the academic education of the student, in particular with reference to:           <ol style="list-style-type: none"> <li>a) independent, academic skills and performance and to do research independently;</li> <li>b) communicating at an academic level in the English language;</li> <li>c) applying specialist academic knowledge in a wider and/or philosophical and societal context.</li> </ol> </li> <li>3. The degree programme focuses on the student's personal development, promotes his or her awareness of social responsibility and scientific integrity and develops students' skills of expression in the English language.</li> </ol> |
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#### Article 9.4 Exit qualifications

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| 1. The final qualifications for the programme are described in appendix I. |
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#### Article 9.5 Language of instruction

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| 1. The language of instruction is English.   |
| 2. The 'Gedragscode vreemde taal' (Code of conduct for foreign languages) applies. |

### 10. Curriculum structure

#### Article 10.1 Composition of the programme

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| 1. The programme comprises at least a package of compulsory components (33 EC) and an individual Research Project (60 EC)   |
| 2. Additionally the programme offers electives for 27 EC, consisting of: <ul style="list-style-type: none"> <li>- Electives inside the programme (min. 18 EC)</li> <li>- Electives outside the programme (max. 9 EC)</li> </ul> |
| 3. Units of education are categorised as specialised (400), research-oriented (500) and highly specialised (600) level.   |

### Article 10.2 Compulsory units of education

A detailed description per unit of education can be found in the study guide.

#### Year 1:

Name of unit of study	EC	Course code	Level
Exercise and Clinical Immunology	6	B_EXCLNIM	500
Neurosciences	6	B_NEUROSC	500
Treating Locomotor Disease	6	B_LOCMOTOR	500
Advanced Methodology	6	B_ADVANMETH	500
Molecular and cellular aspects of Tissue Engineering and Mechanobiology	6	B_MCTEM	400
Scientific Communication	3	B_SCCOMMUN	500

#### Year 2:

Name of unit of study	EC	Course code	Level
Research Project RM* or Minor and Major projects	60 24 36	B_RIRM B_INTERNMIN B_INTERNMAJ	600 600 600
Seminar Research Master**		B_SEMINARRM	500

\* Students need to have completed at least 30 EC within the programme before they can start with the Master Research Project (or Minor and Major projects).

\*\* Students have to attend at least 5 colloquia organized by the Department of Human Movement Sciences and 5 Research Master seminars per academic year (i.e. a total of 10 colloquia and 10 seminars). The Annual HMS Research Master Conference in August, in which students present their final report of their research project, is mandatory and counts as 2 seminars. Besides the HMS colloquia, up to 2 PhD defences organized by the Department of Human Movement Sciences per year and 3 relevant colloquia (relevance determined by the Program Director) organized by other departments per year will qualify. If a student fails to meet this requirement, an additional assignment will be given by the coordinator.

### Article 10.3 Elective units of education

Name of unit of study	EC	Course code	Level
Animal Experiments for HMS	6	B_ANIMEXP	500
Advanced 3D Kinematics	6	B_ADV3DKIN	500
Concepts in HMS	6	B_CONCEPTS	500
Current Issues in Sport and Exercise Psychology	6	B_CURRISUES	500
Maximal Neuromuscular Performance	3	B_MAXNEUR	400
Topics in Rehabilitation	6	B_TOPICS	500
Perceptual Motor-Learning	6	B_PERCML	500
Training, Aging and Disuse	6	B_TRAD	400
Applied Biomechanics	6	B_APPLBIOMEC	500
Advanced 3D-kinematics	3	B_ADV3DKIN	500
Sport and Performance Dietetics	3	B_SPPDIET	400
Electromyography	6	B_ELECTROMYO	400
Entrepreneurship in HMS	6	B_ENTREPREN	400
Imaging*	3	B_IMAGING	500
Mechanical and Adaptive Myology	3	B_MECHADMYO	500
Introduction to simulation models	3	B_INSIMM	500

Critical analysis of scientific literature in Sensorimotor Control and Neuromechanics	6	B_CRANSL	500
Physiology of Performance in Extreme Environments	3	B_PPEE	400
<p>* only in case capacity allows it Approval by the Examination Board is required beforehand for all free choice components which are not listed in the table Electives. The maximum for free choice components which are not listed in the table Electives is 9 EC. By means of an Approval form available on VUnet the student should file a request for approval of components other than those listed above.</p>			

## 11. Evaluation and transitional provisions

### Article 11.1 Evaluation of the programme

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

### 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:

- Students who did not successfully completed the course from Perception to Mechanics in Movement can follow the new course Critical analysis of Scientific Literature.
- Students who did not successfully completed the course Molecular Cell Biology, or the course Tissue Engineering can contact the coordinator of that specific course for arrangement to still do so.

Advice and/or approval by the Programme Committee, on 19 March 2024

Approved by the Faculty Joint Assembly, on 8 April 2024

Adopted by the board of the Faculty of Behavioural and Movement Sciences on 24 April 2024



## Appendix I Final qualifications

Dublin-descriptor	Exit qualification
<p><b>Knowledge and understanding</b> Provides a basis or opportunity for originality in developing or applying ideas often in a research context.</p>	<p>1. The student has in depth knowledge of concepts and methods for conducting scientific research in fundamental and applied human movement sciences</p>
<p><b>Applying knowledge and understanding</b> through problem solving abilities [applied] in new or unfamiliar environments within broader (or multidisciplinary) contexts</p>	<p>2. The student independently conducts research involving all steps of the empirical cycle in the fundamental and applied human movement sciences, while abiding by the principles of scientific integrity.</p>
<p><b>Making judgements</b> demonstrates the ability to integrate knowledge and handle complexity, formulate judgements with incomplete data</p>	<p>3. The student critically evaluates the concepts, methods, results and scientific, societal and ethical impact of fundamental and applied research in the field of human movement sciences.</p>
<p><b>Communication</b> of their conclusions and the underpinning knowledge and rationale (restricted scope) to specialist and non-specialist audiences (monologue)</p>	<p>4. The student orally presents and discusses a scientific study to and with fundamental and applied human movement scientists, as well as peers and laymen, during a public meeting in an appropriate and appealing manner.</p> <p>5. The student writes scientifically sound research reports meeting the criteria of a scientific paper that can be submitted to an international, peer-reviewed journal.</p> <p>6. The student communicates and collaborates effectively and professionally with peers and professionals from other disciplines, domains and cultures.</p>
<p><b>Learning skills</b> study in a manner that may be largely self-directed or autonomous</p>	<p>7. The student critically reflects on the scientific, societal, and ethical relevance of one's own work in the fundamental and applied human movement sciences and acts as a responsible academic in society.</p> <p>8. The student reflects on one's interests, qualities and learning trajectories, to profile oneself as a scientific researcher, also internationally, and develops a perspective towards lifelong learning.</p>

## Appendix II Evaluation plan FGB

### Aim

The evaluation of courses and/or groups of courses (minors, learning continuity pathway) is part of the PDCA cycle at the level of the course as formulated in the 'VU toetskader'. Curriculum evaluations are carried out at programme level.

The evaluation of education aims to gain insight into the quality of the education provided and/or the coherence between courses. This insight is used at various levels within FGB to maintain the quality of education and, where necessary, to improve it and to communicate about this to students.

### Course evaluations

The courses of the FGB programmes are evaluated annually via the digital evaluation form in Evalytics. Below is described which actors are involved in the evaluation of courses and which tasks these actors have in the process of evaluation.

### Student

Fills in the digital course evaluation form after the course has ended.

### Course coordinator

Encourages students to complete the evaluation form;

Makes the evaluation form suitable for his/her course, and includes questions on the exam(s) used in the course;

Responds to students via VUnet on the results of the evaluation and indicates whether and, if so, which changes will be made to the course.

### Evaluation coordinator

Monitors whether all courses appear in Evalytics;

Is available for questions of lecturers regarding the adjustment of evaluation forms;

Saves the evaluation reports;

Processes the evaluation results in an overview sheet;

After each teaching period, makes the overview sheets and the evaluation reports available for programme directors, programme committees and the examination committee.

### Programme directors

Inspects the overview sheet and, where necessary, the evaluation reports;

Discusses, where necessary, the course evaluation with the course coordinator, the programme committee and/or examination committee and may take action based on these discussions;

Discusses the course evaluations in general and any taken actions during the annual interview with the portfolio holder for education and the director of education;

Inserts the results of the course evaluations in midterm reviews and critical self-reflections;

Provides, on request, supervisors with input on education for the annual interview with the lecturer.

### Programme committee

Discusses the evaluation reports after each teaching period;

Invites, if desired, course coordinators to the meeting of the programme committee to discuss the results;

Provides the programme director with solicited and unsolicited advice on the quality of the courses

Discusses the course evaluations and any actions taken in the annual report;

Indicates in the annual plan whether there will be special attention for a course or group of courses.

### Examination committee

Inspects the overview sheets and, if desired, the evaluation reports;

If necessary, takes action based upon the results of a course evaluation and discusses the action taken with the programme director and course coordinator;

Discusses the course evaluations and any actions taken in the annual report;

Indicates in the annual plan whether there will be special attention for a course or group of courses.

**Supervisors of lecturers**

Supervisors may ask the programme director of the programme in which the lecturer participates to provide input for the annual interview, in which the interpretation of the programme director forms an important part of the information the supervisor receives.

**Portfolio holder for education /Director of education**

Discusses course evaluations in a general sense with programme directors during the annual interview;  
Discusses the quality of education in the annual education report.

**Evaluations of groups of courses**

Evaluation of groups of courses like minors, learning continuity pathways or methodology pathways, are carried out at the initiative of the programme director, programme committee or examination committee. There are no formats for these kinds of evaluations; a questionnaire must be created by the parties involved and distributed among students. Results of the evaluations are discussed in consultation between the programme director and the programme committee and/or the examination committee and noted in annual reports. Where possible, planned evaluations of groups of courses are included in the annual plan of, for example the programme committee or examination committee.

**Evaluation of (parts of) the curriculum**

The evaluation of (parts of) the curriculum takes place automatically via Evalytics. The results are sent by the evaluation coordinator to the programme directors and programme committees and are discussed in consultation between the programme committee and programme director.