Teaching and Examination Regulations (TER)
Faculty of Science
Master programme in Health Sciences
Academic year: 2019-2020

A: Faculty section
B1: Programme specific section – general provisions
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Section A: Faculty Section

1. General provisions

Article 1.1 Applicability of the Regulations

1. These Regulations apply to anyone enrolled for the programme, irrespective of the academic year in which the student was first enrolled for the programme. These Regulations apply to the teaching and examinations for the following Master’s degree programmes:

- Artificial Intelligence
- Bioinformatics and System Biology
- Biomedical Sciences
- Biomolecular Sciences
- Business Analytics
- Computer Science
- Drug Discovery and Safety
- Earth Sciences
- Ecology
- Environment and Resource Management
- Global Health (research)
- Health Sciences
- Hydrology
- Information Sciences
- Management, Policy Analysis and Entrepreneurship in the Health and Life Sciences
- Mathematics
- Medical Natural Sciences
- Neurosciences (research)
- Parallel and Distributed Computer Systems
- Science Business and Innovation
- Stochastics and Financial Mathematics

Advice OLC, approval FGV (9.38 ub b)

2. These Regulations enter into force with effect from 1 September 2019.

Advice OLC, approval FGV (9.38 ub b)

3. An amendment to the Teaching and Examination Regulations is only permitted to concern an academic year already in progress if this does not demonstrably damage the interests of students.

Advice OLC, approval FGV (9.38 sub b)

Article 1.2 Definitions

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

a. academic year: the period beginning on 1 September and ending on 31 August of the following calendar year;

b. CvB: the Executive Board of Vrije Universiteit Amsterdam.

c. Double degree programme joint programme in the context of cooperation between Vrije Universiteit Amsterdam and the educational institution within and outside the EU, as to gain a double university degree; of the VU and the educational institution concerned; though not being the same as a ‘joint degree programme’ according to the art. 7.3c WHW’;

d. EC (European Credit): an EC credit with a workload of 28 hours of study;

e. educational component: a unit of study of the programme within the meaning of the WHW;

f. examination: the final examination of the Master’s programme;

g. exemption Exemption from an examination/ practical/ fieldwork based on an earlier successfully completed examination, or knowledge / skills of a similar content, level and scope gained outside higher education;

h. FGV: Faculty joint assembly – assembly of the faculty student council and faculty staff
i. interim 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 interim examination may consist of one or more partial examinations. A resit always covers the same material as the original interim examination;

j. 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 major or a specific curriculum within a degree programme) for which the collaborating institutions are jointly responsible;

k. OLC: programme committee;

l. period: a part of a semester;

m. practical exercise: the participation in a practical training 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;

n. premaster student those who enroll in a premaster programme;

o. Programme: the totality and cohesion of the course components, teaching activities/methods, contact hours, testing and examination methods and recommended literature;

p. SAP/SLM: the student information system (Student Lifecycle Management);

q. semester: the first (September - January) or second half (February - August) of an academic year;

r. 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 electronically at: https://www.vu.nl/studiegids

s. subject see ‘educational component’;

t. substituting course/educational component see under d (double degree programme). A course obtained at the educational institute, within the context of cooperation, that is mentioned in the diploma supplement as such; not being an ‘exemption’.

u. thesis/ internship work placement a component comprising research into the literature and/or contributing to scientific research, always resulting in a written report;

v. university: Vrije Universiteit Amsterdam;

w. WHW: the Dutch Higher Education and Research Act (Wet op het Hoger Onderwijs en Wetenschappelijk Onderzoek);

x. workload: the workload of the unit of study to which an interim 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 educational components

<table>
<thead>
<tr>
<th>Article</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>The study programme will be offered in a year divided into two semesters.</td>
</tr>
<tr>
<td>2.</td>
<td>Every semester consists of three consecutive periods of eight, eight and four weeks.</td>
</tr>
<tr>
<td>3.</td>
<td>An educational component comprises 6 EC or a multiple thereof.</td>
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</tbody>
</table>
4. By way of exception to paragraph 3, Section B may stipulate that a unit of study comprises 3 EC or a multiple thereof. The Faculty Board requests permission from the Executive Board.

<table>
<thead>
<tr>
<th>Article 2.2 Refusal or termination of registration / (judicium abeundi)</th>
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<tbody>
<tr>
<td>1. Pursuant to the provisions of Article 7.42a of the Act, the Faculty Board or the Examination Board may, in exceptional circumstances, request the Executive Board to terminate or refuse a student’s registration on a programme. This may be the case if the student’s conduct or statements demonstrate his or her unsuitability to work in the relevant field or discipline, or to take part in the programme’s practical training component.</td>
</tr>
<tr>
<td>2. If a student is suspected of being unsuitable as described in paragraph 1, the Examination Board or the Faculty Board will examine the case, and the student will be informed of this immediately. The Examination Board or the Faculty Board will only issue a recommendation after careful consideration of the interests involved and following a hearing with the student concerned.</td>
</tr>
</tbody>
</table>

3. Assessment and Examination

<table>
<thead>
<tr>
<th>Article 3.1 Signing up for education and interim examinations</th>
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<tbody>
<tr>
<td>1. Every student must sign up to participate in the educational components of the programme, the examinations and resits. The procedure for signing up is described in an annex to the Student Charter.</td>
</tr>
<tr>
<td>2. Signing up may only take place in the designated periods.</td>
</tr>
<tr>
<td>3. If a student does not pass the examination and the resit of a component, he/ she is obliged to take the whole component again. This rule does not apply to practical exercises and programmes that make use of component marks that retain their validity. For further regulations see Section B of the programme involved.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Article 3.2 Type of examination</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. At the student’s request, the Examination Board may permit a different form of interim examination than that stipulated in the course catalogue. If applicable, more detailed regulations on this are included in the Rules and Guidelines for the Examination Board.</td>
</tr>
<tr>
<td>2. In an educational component is no longer offered in the academic year following its termination, at least one opportunity will be provided to sit the interim examination(s) or parts thereof and a transitional arrangement will be included in the programme-specific section for the subsequent period.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Article 3.3 Oral interim examinations</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. An oral assessment is public unless the Examinations Board on request determines otherwise.</td>
</tr>
<tr>
<td>2. An oral examination will be taken in the presence of a second examiner.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Article 3.4 Determining and announcing results</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. The examiner determines the result of a written interim examination as soon as possible, but at the latest within fifteen working days. By way of departure from that stipulated in the first clause, the marking deadline for theses, internships / work placements and final assignments is no longer than twenty working days. The examiner will then immediately ensure that the marks are registered and also ensures that the student is immediately notified of the mark, taking due account of the applicable confidentiality standards.</td>
</tr>
</tbody>
</table>
2. a. The examiner determines the result (i.e. mark) of an oral examination as soon as possible, though within one working day, after the examination has finished and informs the student accordingly. The third clause of the first paragraph applies. 
b. The examiner determines the result of an interim examination no later than five working days before the next (interim) examination will be held.

3. In the case of alternative forms of oral or written examinations, the Examination Board determines in advance how and by what deadline the student will be informed of the results.

4. A student can submit a request for reassessment to the examiner. A request for reassessment does not affect the time period for lodging an appeal.

5. Together with the result of an examination, the student’s attention will also be drawn to their right to inspect the assessed work and have a post-examination discussion as stipulated in Art. 3.9, as well as his/her option to lodge a complaint before the Examination Board, and if necessary, to appeal to the Examinations Appeals Board (in Dutch: COBEX).

Article 3.5 Examination opportunities

1. a. Per academic year, two opportunities to take examinations per educational component will be offered. 
b. The options for retaking practical components, work placements and theses are detailed in the relevant work placement manual, teaching regulations or graduation regulations.

2. The most recent mark will apply in the event of a resit. A retake is allowed for both passed and failed units of study.

3. The resit for a (partial) interim examination must not take place within ten working days of the announcement of the result of the (partial) examination being resat.

4. The Examination Board may allow a student an extra opportunity to sit an examination if that student:
   a) is lacking only those credits to qualify for his or her degree;
   b) has failed the examination during all the previously offered attempts, unless participation in an examination was not possible for compelling reasons.

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 assignments and the Master’s thesis. Requests for an additional examination opportunity must be submitted to the Examination Board no later than 15 July. If necessary, the method of examination may deviate from the provisions in the study guide.

Article 3.6 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 between 5 and 6 will be rounded off to whole marks: up to 5.5 rounded down; from 5.5 rounded up. To pass a course, a 6 or higher is required.

In case the examination of a component consists of two or more parts, each of which are graded separately, the (weighted) mean of these marks (meaning: the final mark) must be rounded off using the following table:

<table>
<thead>
<tr>
<th>From</th>
<th>Up to</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,00</td>
<td>1,25</td>
<td>1</td>
</tr>
<tr>
<td>1,25</td>
<td>1,75</td>
<td>1,5</td>
</tr>
<tr>
<td>1,75</td>
<td>2,25</td>
<td>2,0</td>
</tr>
<tr>
<td>2,25</td>
<td>2,75</td>
<td>2,5</td>
</tr>
</tbody>
</table>
4. The Examination Board can allow to use symbols rather than numbers, such as: pass, fail, (unsatisfactory), good, VRS (exemption). In case a student does not take part in any (interim) examination, the examiner will register the mark ‘ns’ (c.q. no show).

Article 3.7 Exemption

1. At the written request of the student, the Examination Board may exempt the student from taking one or more examination components, if the student:
   a) has passed a course component of a university or higher professional education programme that is equivalent in terms of content and level;
   b) has demonstrated through his/her work and/or professional experience that he/she has sufficient knowledge and skills with regard to the relevant course component.

The Examination Board will make a decision within six weeks after receiving the request.

2. The Master’s thesis, the final work placement (c.q. internship) and the final project (c.q. final paper) are excluded from this exemption possibility.

3. A maximum of 18 EC for a one one-year master programme and 36 EC for a one two-year master programme can be accumulated through granted exemption. The substituting courses (educational components) are not included.

Article 3.8 Validity period for results

1. The validity period of interim examinations passed and exemption from interim examinations is unlimited, unless otherwise specified in Section B.

2. The validity period of a partial examination is limited to the academic year in which it was sat or until the end of the unit of study concerned, as stipulated for the relevant unit of study in Section B.

Article 3.9 Right of inspection and post-examination discussion

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

2. If a collective post-examination discussion has been organized, individual post-examination discussions will be held only if the student has attended the collective
discussion or if the student was unable to attend the collective discussion through no fault
of his or her own.

3. Students who meet the requirements stipulated in paragraph 1 can submit a request for an
individual post-examination discussion to the relevant examiner. The discussion shall take
place at a time and location to be determined by the examiner.

Article 3.10 Fraud and plagiarism

1. The provisions of the Rules and Guidelines for the Examination Board apply in full.

2. Electronic detection software programmes may be used to detect plagiarism in texts.
   In submitting a text, the student implicitly consents to the text being saved in the
database of the detection programme concerned.

4. Academic student counselling and study progress

Article 4.1 Administration of study progress and academic student counselling

1. The faculty board is responsible for the correct registration of the students’ study results.
   After the assessment of an educational component has been registered, every student has
   the right to inspect the result for that component and also has a list of the results achieved
   at his or her disposal in VUnet.

2. Enrolled students are eligible for academic student counselling. Academic student
counselling is in any case provided by:
   a. The Student General Counselling Service
   b. Student psychologists
   c. Faculty academic advisors

Article 4.2 Adaptations for students with a disability

1. A student with a disability can, at the moment of submission to VUnet, or at a later
   instance, submit a request to qualify for special adaptations with regard to teaching,
   practical training and interim examinations. These adaptations will accommodate the
   student’s individual disability as much as possible, but may not alter the quality or degree
   of difficulty of a unit of study or an examination. In all cases, the student must fulfil the
   exit qualifications for the study programme.

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 psychological evaluation.

4. The faculty board, or on behalf of the faculty board, the educational director, or the
   programme director, decides on the adaptations concerning the teaching facilities and
   logistics. The Examination Board will rule on requests for adaptations with regard to
   examinations.

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 upheld.

7. If the disability justifies an extension of the interim examination time, the Examination
   Board will grant permission testifying to this entitlement to an extension. If a disability
   justifies other measures to be taken, the Examination Board will advise the Faculty Board
   on the necessary measures to be taken.

8. The decision as referred to in paragraph 7, is valid for a maximum period of one year with
5. Hardship clause

Article 5.1 Hardship clause
In instances not regulated by the Teaching and Examination Regulations or in the event of demonstrable extreme unreasonableness and unfairness, the faculty board responsible for the study programme will decide, unless the matter concerned is the responsibility of the Examinations Board. Advice OLC; approval FGV (9.38 sub b)

Article 5.2. Publication
1. The faculty board will ensure the appropriate publication of these Regulations and any amendments to them. WHW
2. The Teaching and Examination Regulations will be posted in the study guide or on VUnet. WHW

Approved by authorized representative advisory body FGOV of the Faculty of Science on 3 September 2019.

Adopted by the Faculty Board on 30 August 2019.
Section B1: Programme specific – general provisions

6. General programme information and characteristics

Article 6.1 Study programme information
1. The programme M Health Sciences CROHO number 66851 is offered on a full-time basis.

2. The language of instruction is English except for the following courses that are focused on the Dutch context:
   - Advanced Dietetics (AM_1036);
   - Advanced Health Law (AM_470844);
   - Prevention and Policy (AM_470823);
   - Regulation and organization of health care (AM_470809).

Article 6.1a. Deviant size of educational component
By way of derogation from art. 2.1 par. 3, the units listed below have deviant size:
- Scientific Writing in English (AM_1159 | 3 EC);
- Internship Health Sciences (AM_1115 | 27 EC).

Article 6.2 Teaching formats used and modes of assessment
1. The degree programme uses the teaching formats as specified in the study guide.

2. The modes of assessment used per educational component are specified in the study guide.

7. Further admission requirements

Article 7.1 Intake date(s)
The academic year starts on September 1.

Article 7.2 Admission requirements
1. Admission to the Master's program is possible for an applicant who has obtained a Bachelor's degree, obtained at an institution of academic higher education, which demonstrates the following knowledge, understanding and skills:
   - Knowledge: human biology (e.g. anatomy, physiology, pathology), epidemiology, biostatistics;
   - Understanding: epidemiology, biostatistics;
   - Skills: biostatistics.

2. The Admissions Board will investigate whether the applicant meets the admission requirements.

3. In addition to the requirements referred to in the first paragraph, the Admissions Board can also assess requests for admission in terms of (at least two of) the following criteria:
   - Talent and motivation;
   - Level of relevant knowledge and understanding;
   - Proficiency in methods and techniques;
   - Academic attitude and critical thinking;
   - Proficiency in the language(s) of instruction.
Article 7.3 Pre-Master’s programme

1. a) Students with a Bachelor's degree of a university of applied science (HBO) 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.

b) Students with a Bachelor's degree from an institution of academic higher education in a field that does not sufficiently correspond with the subject area covered by the Master's programme can request admission to the pre-Master’s programme.

2. Students with a Bachelor’s degree from:
   - a university of applied science (HBO) in a field that corresponds to a sufficient extent with the subject area covered by the Master's programme, including a minimum of 30 EC in human biology (e.g. anatomy, physiology, pathology) can request admission to the pre-Master’s programme;
   - an institution of academic higher education in a field that does not sufficiently corresponds with the subject area covered by the Master's programme, including a minimum of 30 EC in human biology (e.g. anatomy, physiology, pathology), can request admission to the pre-Master’s programme.

3. The standard pre-Master’s programme is specifically designed for students with a completed College Bachelor in paramedical or related fields. It is a programme taught in Dutch, comprises 30 EC and is made up of the following units of study:
   - Methodology and Applied Biostatistics I (Methodologie en Toegepaste Biostatisiek I) (AP_470901);
   - Methodology and Applied Biostatistics II (Methodologie en Toegepaste Biostatisiek II) (AP_470907) Qualitative Research (Kwalitatief Onderzoek) (AP_1001);
   - Methodology and Applied Biostatistics III (Methodologie en Toegepaste Biostatisiek III) (AP_1002).

   And one of the following courses that prepares students for a specialization:
   - Dietetics and Research (Voedingsleer en Onderzoek) (AP_470902);
   - Prevention and Public Health (Preventie en Volksgezondheid) (AP_470903);
   - International Public Health (Volksgezondheid in Internationale Context) (AP_470904);
   - Infectious Diseases (Infeczieziekten) (AP_470905);
   - Health Economics (Gezondheidseconomie) (AP_4005).

   Depending on the specific deficiencies of a student, the admission committee can admit students to a pre-Master’s programme with a different content. The program will always comprise between 6 and 30 EC.

4. A successfully completed pre-Master’s programme serves as proof of admission to the specified Master's programme in the subsequent academic year.

5. The Admissions Board will investigate whether the applicant meets the admission requirements.

6. A candidate can only participate in one pre-Master’s programme at the Vrije Universiteit.
8. Interim examinations and results

Article 8.1 Sequence of interim examinations

1. Students may participate in interim examinations [or practical exercises] of the components below only if they have passed the interim examination or examinations for the components mentioned hereinafter:
   - Internship Health Sciences after passing the course Research Methods for Health Sciences and two other courses within the curriculum (a total of 18 ECs).

Article 8.2 Validity period for results

1. See Article 3.8 of the Teaching and Examination Regulations, section A. No further specific provisions.

2. A student may request the Examination Board to extend the validity of an exam. If the exam shows that a student’s knowledge is insufficient or outdated, or if the student’s skills and insights evaluated in the exam are demonstrably outdated, the Examination Board may impose a supplementary examination, impose a replacement examination or refuse to extend the period of validity.

3. In situations where a limited period of validity applies, the period of validity of examinations may be extended in the event of extenuating circumstances as stipulated in WHW Article 7.51, paragraph 2, with at least the period of allocated financial assistance specified in WHW Article 7.15, paragraph 1.

Article 8.3 Maximum Exemption(s)

A maximum of 18 EC of the curriculum can be accumulated through granted exemptions, based on previous results within other master’s programmes.

Article 8.4 Degree

Degree Students who have successfully completed their Master’s final Examination are awarded a Master of Science degree (MSc). The degree awarded is stated on the diploma. The name of the specialization will be stated on the diploma, if one has successfully completed all requirements of the specialization; otherwise no specialization name will be stated on the diploma.
Section B2: Programme specific – content of programme

9. Programme objectives, specializations and exit qualifications

Article 9.1 Workload
1. The programme has a workload of 60 EC.  

Article 9.2 Specializations
The programme has the following specializations:
▪ Infectious Disease & Public Health;
▪ International Public Health;
▪ Nutrition & Health;
▪ Prevention & Public Health;
▪ Health Policy.

Article 9.3 Programme objective
The programme is aimed at mastering knowledge and skills contributing to a multi- or interdisciplinary approach to health problems, health promotion, and healthcare in a national or international context.

Article 9.4 Exit qualifications
1. At all events:
   a) Knowledge and understanding
   The graduate:
   ▪ Understands that the core of Health Sciences requires a multi- and interdisciplinary approach of health and health care problems;
   ▪ Has knowledge of the central role of evidence-based research in the development of health promotion and healthcare and recognizes evidence-based scientific outcomes;
   ▪ Can play a professional role at an academic level in the broad field of Health Sciences and has understands of the role of diversity in differences in health status between groups and the determinants causing these differences;
   ▪ Can explain the different perspectives on health depending on the social economic, beliefs and cultural background.
   b) Application of knowledge
   The graduate is able to:
   ▪ suggest relevant interventions based on evidence from empirical epidemiologic population studies;
   ▪ compare and critically evaluate the different approaches to healthcare problems to decide what is the best approach according to circumstances, including the constraints of available time and resources, and in relation to theory as well as professional experience;
   ▪ plan, perform, evaluate and write up results of a scientific study in Health Sciences including the selection and application of valid and reliable measurements for health and disease;
   ▪ combine foundation knowledge with expected health prognoses/outcomes to formulate an appropriate research question in light of current literature
   ▪ understand the different disciplinary clinical and public health perspectives with regard to health(care) problems;
   ▪ identify and collect health related information from different sources and use this information to analyze health (care) problems;
• evaluate the role of ethics in public health and upholds a well-defined ethical and moral standard when it comes to research.

c) Critical judgment
The graduate:
• critically evaluates technical, methodological and ethical limitations and consequences of (interdisciplinary) health research within the chosen specialization;
• judges the scientific and societal relevance of research within the discipline.

d) Communication
The graduate is able to:
• report orally on research results in English;
• produce an English written draft of a scientific article;
• communicate knowledge, insight and moral and/or ethical views with a professional attitude.

e) Learning skills
The graduate is able to:
• learn new analytical methods/skills independently;
• identify a path towards further professional development drawing on the strengths and weaknesses of his/her own learning preferences.

2. Without prejudice to the provisions of paragraph 1, a graduate of the specialization Infectious Disease & Public Health will have the following knowledge and understanding.
The graduate:
• possesses knowledge of the immunological aspects, development and expression of infectious disease and of the epidemiology, control and elimination of various infectious pathogens, as well as of the appropriate vaccinations;
• knows the life cycle, virulence and transmission of infectious pathogens, and of the outcome of diseases, in addition to being able to describe the various diagnostic laboratory tests for parasitic infections;
• is able to describe the relationship between nutrition and the appearance/development of infectious diseases, knows the causes and effects of malnutrition and over-nutrition in relation to infectious diseases with a special focus on vulnerable groups and/or populations.

3. Without prejudice to the provisions of paragraph 1, a graduate of the specialization International Public Health will have the following knowledge and understanding.
The graduate:
• is familiar with the relevant methods and techniques (and with their pros and cons);
• needed to analyze international health issues from an interdisciplinary perspective;
• possesses proven knowledge and understanding of interdisciplinary research aimed at solving international public health issues;
• possesses knowledge and understanding of the concepts and theories that underpin effective communication and collaboration.

4. Without prejudice to the provisions of paragraph 1, a graduate of the specialization Nutrition & Health will have the following knowledge and understanding.
The graduate:
• understands the role of nutrition in health and the development of chronic disorders within the scope of other life style factors;
• has knowledge needed to appropriately design, conduct and interpret nutrition related quantitative research;
• has knowledge on the impact of preventive or therapeutic nutritional interventions both in terms of their potential as well as actual health benefits.
5. Without prejudice to the provisions of paragraph 1, a graduate of the specialization *Prevention & Public Health* will have the following knowledge and understanding. The graduate:
   • has a thorough understanding of health promotion and disease prevention (primary, secondary, tertiary); concepts, definitions and history;
   • is able to explain the most relevant models and theories of behavior change and behavior explanation at the individual and environmental level;
   • has knowledge of the most important psychosocial concepts and theories that are related to treatment and management of (chronic) diseases.

6. Without prejudice to the provisions of paragraph 1, a graduate of the specialization *Health Policy* will have the following knowledge and understanding. The graduate:
   • has comprehension and appreciation of main healthcare issues, - including but not limited to - rising healthcare costs, healthcare system efficiency, market incentives, rationing, coverage of cost effective interventions, access of vulnerable groups, quality of healthcare, labor limitations and patient rights;
   • is familiar with the structures that govern the Dutch healthcare system, including the stakeholders and interest group landscape and the governance structure with quality and competition authorities and internal (in organization) governance;
   • has knowledge of economic theories to analyze healthcare issues at healthcare system, organizational and intervention level, and from both societal and stakeholder perspectives.

7. Language proficiency is taken into account in the assessment of (interim) examinations

---

### 10. Curriculum structure

**Article 10.1 Composition of the programme**

1. The programme comprises at least a package of compulsory components and an individual Master’s thesis or academic internship.

2. Additionally the programme offers:
   - Elective educational components

3. Educational components are categorized as specialized (400), research oriented (500) and highly specialized (600) level.

**Article 10.2 Compulsory educational components**

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

<table>
<thead>
<tr>
<th>Educational component</th>
<th>course code</th>
<th>nr of EC</th>
<th>level</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Compulsory modules all specializations</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Research Methods for Health Sciences</td>
<td>AM_1255</td>
<td>6</td>
<td>400</td>
</tr>
<tr>
<td>Scientific Writing in English (AM_HS)</td>
<td>AM_1159</td>
<td>3</td>
<td>400</td>
</tr>
<tr>
<td>Internship Health Sciences</td>
<td>AM_1115</td>
<td>27</td>
<td>600</td>
</tr>
<tr>
<td><strong>Compulsory modules MSc HS, specialization</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Infectious Diseases &amp; Public Health</td>
<td>AM_470052</td>
<td>6</td>
<td>400</td>
</tr>
<tr>
<td>Parasitology</td>
<td>AM_470816</td>
<td>6</td>
<td>500</td>
</tr>
<tr>
<td>Nutrition and Infectious Disease</td>
<td>AM_470127</td>
<td>6</td>
<td>500</td>
</tr>
<tr>
<td><strong>Compulsory modules MSc HS, specialization</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>International Public Health</td>
<td>AM_470819</td>
<td>6</td>
<td>500</td>
</tr>
<tr>
<td>Containment Strategies</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Policy, Management and Organization</td>
<td>AM_470127</td>
<td>6</td>
<td>500</td>
</tr>
</tbody>
</table>
### Compulsory modules MSc HS, specialization

<table>
<thead>
<tr>
<th>Specialty</th>
<th>Course Code</th>
<th>Credits</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nutrition &amp; Health</td>
<td>AM_470815</td>
<td>6</td>
<td>500</td>
</tr>
<tr>
<td>Nutrition in Health and Disease</td>
<td>AM_470841</td>
<td>6</td>
<td>500</td>
</tr>
</tbody>
</table>

### Compulsory modules MSc HS, specialization

<table>
<thead>
<tr>
<th>Specialty</th>
<th>Course Code</th>
<th>Credits</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prevention &amp; Public Health</td>
<td>AM_470811</td>
<td>6</td>
<td>500</td>
</tr>
<tr>
<td>Advanced Health Economics</td>
<td>AM_470843</td>
<td>6</td>
<td>500</td>
</tr>
</tbody>
</table>

### Article 10.3 Elective educational components

1. The student can take one or more of the following electives without prior consent from the Examination Board:

<table>
<thead>
<tr>
<th>Name of educational component</th>
<th>Course Code</th>
<th>nr of EC</th>
<th>Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elective modules all specializations</td>
<td>AM_470813</td>
<td>6</td>
<td>600</td>
</tr>
<tr>
<td>Migration, Culture, Health and Research</td>
<td>AM_470813</td>
<td>6</td>
<td>600</td>
</tr>
<tr>
<td>Elective modules MSc HS, specialization Infectious Diseases &amp; Public Health; Choose at least one of the following:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Containment Strategies</td>
<td>AM_470127</td>
<td>6</td>
<td>500</td>
</tr>
<tr>
<td>Advanced Statistics</td>
<td>AM_470826</td>
<td>6</td>
<td>500</td>
</tr>
<tr>
<td>Elective modules MSc HS, specialization International Public Health; Choose at least one of the following:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Disability and Development</td>
<td>AM_470588</td>
<td>6</td>
<td>500</td>
</tr>
<tr>
<td>Nutrition and Infectious Disease</td>
<td>AM_470816</td>
<td>6</td>
<td>500</td>
</tr>
<tr>
<td>Health, Globalisation and Human Rights</td>
<td>AM_470818</td>
<td>6</td>
<td>500</td>
</tr>
<tr>
<td>International Comparative Analyses of Health Care Systems</td>
<td>AM_470820</td>
<td>6</td>
<td>500</td>
</tr>
<tr>
<td>Elective modules MSc HS, specialization Nutrition and Health; Choose at least one of the following:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nutrition and Infectious Disease</td>
<td>AM_470816</td>
<td>6</td>
<td>500</td>
</tr>
<tr>
<td>Advanced Statistics</td>
<td>AM_470826</td>
<td>6</td>
<td>600</td>
</tr>
<tr>
<td>Advanced Dietetics*</td>
<td>AM_1036</td>
<td>6</td>
<td>500</td>
</tr>
<tr>
<td>Elective modules MSc HS, specialization Prevention &amp; Public Health; Choose at least one of the following:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Communication Campaigns and Research</td>
<td>AM_470129</td>
<td>6</td>
<td>500</td>
</tr>
<tr>
<td>Health Psychology</td>
<td>AM_470730</td>
<td>6</td>
<td>400</td>
</tr>
<tr>
<td>Prevention and Policy</td>
<td>AM_470823</td>
<td>6</td>
<td>500</td>
</tr>
<tr>
<td>Prevention of Mental Health Problems</td>
<td>AM_470840</td>
<td>6</td>
<td>400</td>
</tr>
<tr>
<td>Elective modules MSc HS, specialization Health Policy; Choose at least two of the following:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Regulation and Organization of Health Care</td>
<td>AM_470809</td>
<td>6</td>
<td>500</td>
</tr>
<tr>
<td>Management in Health Organization</td>
<td>AM_470822</td>
<td>6</td>
<td>500</td>
</tr>
<tr>
<td>Advanced Statistics</td>
<td>AM_470826</td>
<td>6</td>
<td>600</td>
</tr>
<tr>
<td>Economic Evaluation</td>
<td>AM_470828</td>
<td>6</td>
<td>500</td>
</tr>
<tr>
<td>Advanced Health Law</td>
<td>AM_470844</td>
<td>6</td>
<td>500</td>
</tr>
<tr>
<td>Elective modules Free curriculum</td>
<td>AM_1188</td>
<td>6</td>
<td>400</td>
</tr>
<tr>
<td>Advanced Midwifery Science 1: Big Four*</td>
<td>AM_1188</td>
<td>6</td>
<td>400</td>
</tr>
<tr>
<td>Advanced Midwifery Science 2: Vulnerable Groups*</td>
<td>AM_1189</td>
<td>6</td>
<td>400</td>
</tr>
</tbody>
</table>
18

Teaching and Examination Regulations
Master programme in Health Sciences
Migration, Culture, Health & Research

<table>
<thead>
<tr>
<th>Course Code</th>
<th>EC</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>AM_470813</td>
<td>6</td>
<td>400</td>
</tr>
</tbody>
</table>

* This course is only available for dietitians
# This course is only available for prior premaster students with a BSc Midwifery (= HBO-Verloskunde) degree. The course is mandatory within the route Midwifery Science.

2. If the student wishes to take a different educational component than listed, advance permission must be obtained in writing from the Examinations Board.

Article 10.4 Participation in practical exercise
Students must meet all requirements of the course, including required attendance of work groups, tutorials, practical sessions or excursions, at the discretion of the instructor of the course.

Article 10.5 Free curriculum
1. Subject to certain conditions, the student has the option of compiling a curriculum of his/her own choice, which deviates from the curricula prescribed by the programme.
2. The concrete details of such a curriculum must be approved by the Examinations Board before starting the programme.
3. The free curriculum is put together by the student from the units of study offered by a university and must at least have the size, breadth and depth of a regular Master's programme (i.e. level >300).
4. The following conditions must at least have been met in order to be eligible for the Master's degree:
   • At least 12 EC must be obtained from the regular curriculum, 6 EC of which must consist of Research Methods for Health Sciences (AM_1255), and 30 EC which consist of the internship Health Sciences (AM_1115) and Scientific writing in English (AM_1159)
   • The level and the content of the programme must match the objectives and exit qualifications that apply for the Master Health Sciences programme for which the student is enrolled.
   • The internship should be embedded in the field of Health Sciences

11. Evaluation and transitional provisions

Article 11.1 Evaluation of the education
The education provided in this programme is evaluated in accordance with the (attached) 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:
• AM_470806 Care and Prevention Research has been removed from the program as of 2019-20;
• AM_470817 Research Methods for Need Assessments has been removed from the program as of 2019-20.

Advice and approval by the Programme Committee of Health Sciences, on 4 April 2019.

Approved by the Faculty Joint Assembly, on 3 September 2019.

Adopted by the board of the Faculty of Science on 30 August 2019.
Appendix I  Overview of articles that must be included in the OER
Based on Section 7.13, paragraph 2, of the WHW and other Sections of the Act.

Section B1: Programme specific – general provisions

<table>
<thead>
<tr>
<th>6. General programme information and characteristics</th>
</tr>
</thead>
<tbody>
<tr>
<td>Article 6.1 Study programme information</td>
</tr>
<tr>
<td>Article 6.2 Teaching formats used and modes of assessment</td>
</tr>
<tr>
<td>[option:] Article 6.3 Academic student counselling</td>
</tr>
</tbody>
</table>

| 7. Further admission requirements                      |
| Article 7.2 Admission requirements                     |

| 8. Interim examinations and results                    |
| Article 8.1 Sequence of interim examinations           |
| [option 1:] Article 8.2 Validity period for results    |
| [option 2:] Article 8.2 Validity period for results    |

Section B2: Programme specific – content of programme

<table>
<thead>
<tr>
<th>9. Programme objectives, specializations and exit qualifications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Article 9.1 Workload</td>
</tr>
<tr>
<td>Article 9.2 Specializations</td>
</tr>
<tr>
<td>Article 9.3 Programme objective</td>
</tr>
<tr>
<td>Article 9.4 Exit qualifications</td>
</tr>
</tbody>
</table>

| 10. Curriculum structure                                    |
| Article 10.1 Composition of the programme                   |
| Article 10.2 Compulsory educational components              |
| [Optional] Article 10.3 Elective educational components     |
| [Optional] Article 10.4 Practical exercise                  |
| Article 10.5 Participation in practical training and tutorials |

| 11. Evaluation and transitional provisions                  |
| Article 11.1 Evaluation of the education                    |
| Article 11.2 Transitional provisions                       |
### Appendix II  Overview of rights to prior consultation (advice) and rights to approve OLC and FGV

(Dutch only)

<table>
<thead>
<tr>
<th>Onderwerpen Onderwijs – en Examenregeling (OER) 7.13 paragraph</th>
<th>FGV</th>
<th>OplC</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 WHW</td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. de inhoud van de opleiding en van de daaraan verbonden examens</td>
<td></td>
<td></td>
</tr>
<tr>
<td>a1. de wijze waarop het onderwijs in de desbetreffende opleiding wordt geëvalueerd</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. de inhoud van de afstudeerrechtigen binnen een opleiding</td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. de kwaliteiten op het gebied van kennis, inzicht en vaardigheden die een student zich bij beëindiging van de opleiding moet hebben verworven</td>
<td></td>
<td></td>
</tr>
<tr>
<td>d. waar nodig, de inrichting van praktische oefeningen</td>
<td></td>
<td></td>
</tr>
<tr>
<td>e. de studielast van de opleiding en van elk van de daarvan deel uitmakende onderwijsitems</td>
<td></td>
<td></td>
</tr>
<tr>
<td>f. de nadere regels, bedoeld in de artikelen 7.8b, zesde lid, en 7.9, vijfde lid (BSA)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>g. ten aanzien van welke masteropleidingen toepassing is gegeven aan artikel 7.4a, achtste lid (verhoogde studielast)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>h. het aantal en de volgtijdelijkheid van de tentamens alsmede de momenten waarop deze afgelegd kunnen worden</td>
<td></td>
<td></td>
</tr>
<tr>
<td>i. de voltijdse, deeltijdse of duale inrichting van de opleiding</td>
<td></td>
<td></td>
</tr>
<tr>
<td>j. waar nodig, de volgorde waarin, de tijdvakken waarbinnen en het aantal malen per studiejaar dat de gelegenheid wordt geboden tot het afleggen van de tentamens en examens</td>
<td></td>
<td></td>
</tr>
<tr>
<td>k. waar nodig, de geldigheidsduur van met goed gevolg afgelegde tentamens, behoudens de bevoegdheid van de examencommissie die geldigheidsduur te verlengen</td>
<td></td>
<td></td>
</tr>
<tr>
<td>l. of de tentamens mondeling, schriftelijk of op een andere wijze worden afgelegd, behoudens de bevoegdheid van de examencommissie in bijzondere gevallen anders te bepalen</td>
<td></td>
<td></td>
</tr>
<tr>
<td>m. de wijze waarop studenten met een handicap of chronische ziekte redelijkerwijs in de gelegenheid worden gesteld de tentamens af te leggen</td>
<td></td>
<td></td>
</tr>
<tr>
<td>n. de openbaarheid van mondeling af te nemen tentamens, behoudens de bevoegdheid van de examencommissie in bijzondere gevallen anders te bepalen</td>
<td></td>
<td></td>
</tr>
<tr>
<td>o. de termijn waarbinnen de uitslag van een tentamen bekend wordt gemaakt alsmede of op welke wijze van deze termijn kan worden afgeweken</td>
<td></td>
<td></td>
</tr>
<tr>
<td>p. de wijze waarop en de termijn gedurende welke degenen die een schriftelijk tentamen heeft afgelegd, inzage verkrijgt in zijn beoordeelde werk</td>
<td></td>
<td></td>
</tr>
<tr>
<td>q. de wijze waarop en de termijn gedurende welke kennis genomen kan worden van vragen en opdrachten, gesteld of gegeven in het kader van een schriftelijk afgenomen tentamen en van de normen aan de hand waarvan de beoordeling heeft plaatsgevonden</td>
<td></td>
<td></td>
</tr>
<tr>
<td>r. de gronden waarop de examencommissie voor eerder met goed gevolg afgelegde tentamens of examens in het hoger onderwijs, dan wel voor buiten het hoger onderwijs opgedane kennis of vaardigheden, vrijstelling kan verlenen van het afleggen van een of meer tentamens</td>
<td></td>
<td></td>
</tr>
<tr>
<td>s. waar nodig, dat het met goed gevolg afgelegd hebben van tentamens voorwaarde is voor de toelating tot het afleggen van andere tentamens</td>
<td></td>
<td></td>
</tr>
<tr>
<td>t. waar nodig, de verplichting tot het deelnemen aan praktische oefeningen met het oog op de toelating tot het afleggen van het desbetreffende tentamen, behoudens de bevoegdheid van de examencommissie vrijstelling van die verplichting te verlenen, al dan niet onder oplegging van vervangende eisen</td>
<td></td>
<td></td>
</tr>
<tr>
<td>u. de bewaking van studievoortgang en de individuele studiebegeleiding</td>
<td></td>
<td></td>
</tr>
<tr>
<td>v. indien van toepassing: de wijze waarop de selectie van studenten voor een speciaal traject binnen een opleiding, bedoeld in artikel 7.9b, plaatsvindt (excellentietaject binnen een opleiding)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>x. de feitelijke vormgeving van het onderwijs</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

De lettering komt overeen met de lettering van artikel 7.13 lid 2 WHW.
### Appendix III  Ordinances VU CvB and Binding Guidelines (richtlijn)

<table>
<thead>
<tr>
<th>Section B1, article:</th>
<th>Concerns:</th>
<th>CvB ordinance / guideline</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.2.1</td>
<td>Admission criteria; at least WO Bachelor’s degree</td>
<td>Richtlijn Bachelor en Masteronderwijs, revised on 6 June 2017</td>
</tr>
<tr>
<td>7.2.3</td>
<td>Additional admission criteria; type of criteria</td>
<td>Richtlijn Bachelor en Masteronderwijs, revised on 6 June 2017</td>
</tr>
<tr>
<td>10.1</td>
<td>Composition programme</td>
<td>Richtlijn Bachelor en Masteronderwijs, revised on 6 June 2017</td>
</tr>
<tr>
<td>10.2</td>
<td>Categorization of components</td>
<td>Richtlijn Bachelor en Masteronderwijs, revised on 6 June 2017</td>
</tr>
</tbody>
</table>