

Education and Examination Regulations for the Master of Science programme in Health Food Innovation Management 2024-2025, Faculty of Health, Medicine and Life Sciences, Maastricht University, in accordance with Article 7.13 of the Dutch Higher Education and Research Act: *Wet op het Hoger Onderwijs en Wetenschappelijk Onderzoek, WHW*.

These Rules have been determined by the Dean of the Faculty of Health, Medicine and Life Sciences after acquired advice of the Educational Programme Committee and after acquired consent from or hearing by the Faculty Council, Faculty of Health, Medicine and Life Sciences, on 21 May, 2024.

CONTENTS

SECTION 1	GENERAL PROVISION	4
ARTICLE 1.1	APPLICABILITY OF THE REGULATIONS	4
ARTICLE 1.2	DEFINITION OF TERMS	4
SECTION 2	ADMISSION	5
ARTICLE 2.1	ADMISSION	5
ARTICLE 2.2	BOARD OF ADMISSION	5
ARTICLE 2.3	ADMISSION REQUIREMENTS	5
ARTICLE 2.4	LANGUAGE REQUIREMENT WITH NON-DUTCH DIPLOMAS	6
ARTICLE 2.5	PRE-MASTER PROGRAMME	6
SECTION 3	CONTENT AND STRUCTURE OF THE PROGRAMME	7
ARTICLE 3.1	AIM OF THE PROGRAMME	7
ARTICLE 3.2	FINAL QUALIFICATIONS (INTENDED LEARNING OUTCOMES AT PROGRAMME LEVEL)	8
ARTICLE 3.3	FORM OF THE PROGRAMME	9
ARTICLE 3.4	LANGUAGE OF INSTRUCTION	10
ARTICLE 3.5	COMMUNICATIONS AND ANNOUNCEMENT OF DECISIONS	10
ARTICLE 3.6	STUDY LOAD	10
ARTICLE 3.7	CONTENT OF THE PROGRAMME	10
ARTICLE 3.8	FLEXIBLE PROGRAMME AND FLEXIBLE MASTER	10
ARTICLE 3.9	COMBINING THE PROGRAMME WITH PREGNANCY AND CARE TASKS	10
ARTICLE 3.10	THE FINAL EXAMINATION	11
SECTION 4	EDUCATION	11
ARTICLE 4.1	COURSES; COMPOSITION; PRACTICAL TRAINING	11
ARTICLE 4.2	PRIOR KNOWLEDGE; COURSE (YEAR) ENTRANCE REQUIREMENTS	11
ARTICLE 4.3	ATTENDANCE AND ACTIVE PARTICIPATION	11
SECTION 5	ASSESSMENT	12
ARTICLE 5.1	GENERAL	12
ARTICLE 5.2	MARKS	12
ARTICLE 5.3	ORDER OF EXAMS	12
ARTICLE 5.4	SCHEDULING AND FREQUENCY OF THE EXAMS	12
ARTICLE 5.5	FORM OF THE EXAMS	12
ARTICLE 5.6	ORAL EXAMS	13
ARTICLE 5.7	ASSESSMENTS IN EXCEPTIONAL CASES	13
ARTICLE 5.8	WRITTEN ASSIGNMENTS AND MASTER'S THESIS	13
ARTICLE 5.9	INTERNSHIP	13
ARTICLE 5.10	DETERMINATION AND ANNOUNCEMENT OF EXAM RESULTS	14
ARTICLE 5.11	RIGHT OF INSPECTION	14
ARTICLE 5.12	ADMINISTRATION OF COURSES	14
ARTICLE 5.13	INVALIDATION OF EXAMS	14
ARTICLE 5.14	PERIOD OF VALIDITY	14
ARTICLE 5.15	RETENTION PERIOD FOR EXAMS	14
ARTICLE 5.16	EXEMPTION	15
ARTICLE 5.17	FRAUD	15
ARTICLE 5.18	UNSUITABILITY (<i>IUDICIUM ABEUNDI</i>)	15
SECTION 6	FINAL EXAMINATION	16
ARTICLE 6.1	FINAL EXAMINATION	16
ARTICLE 6.2	DEGREE	16
ARTICLE 6.3	CERTIFICATE AND STATEMENTS	16

ARTICLE 6.4	RIGHT OF APPEAL.....	17
SECTION 7	STUDY GUIDANCE	17
ARTICLE 7.1	STUDY PROGRESS ADMINISTRATION.....	17
ARTICLE 7.2	STUDY GUIDANCE	17
SECTION 8	TRANSITIONAL AND FINAL PROVISIONS	17
ARTICLE 8.1	AMENDMENTS	17
ARTICLE 8.2	NOTICE	18
ARTICLE 8.3	EVALUATION.....	18
ARTICLE 8.4	UNFORESEEN CASES/SAFETY NET SCHEME	18
ARTICLE 8.5	EFFECTIVE DATE	18
SECTION 9	APPENDIX A: PRACTICAL TRAINING	19

SECTION 1 GENERAL PROVISION

Article 1.1 Applicability of the Regulations

1. These regulations are applicable to the education and exams and the examinations of the Master of Science programme in Health Food Innovation Management of the Faculty of Health, Medicine and Life Sciences, Maastricht University.
2. These regulations apply to all participants who are registered for the programme in the academic year 2024-2025 and replaces in principle all previous rules.
3. The replacement of the former regulations may not disadvantage student(s) involved. In cases where the new regulations disadvantage students, the Board of Examiners will find a solution.
4. Contrary to the content of article 1.1. sub 2 and 3 the regulations for the Master programme and associated exams however still apply as specified in the regulations corresponding to the academic year in which students entered the MSc Health Food Innovation Management.
5. These regulations are determined annually by the Board of the Faculty of Health, Medicine and Life Sciences upon recommendation of the Education Programme Committee and upon the consent of or in consultation with the Faculty Council.

Article 1.2 Definition of Terms

In these regulations, the following definitions apply:

- a. academic year: the period from 1 September of a calendar year up to and including 31 August of the following calendar year;
- b. the Act: the Higher Education and Scientific Research Act [*Wet op het hoger onderwijs en wetenschappelijk onderzoek* (WHW)];
- c. administration: the administrative recording of the passing results of a course;
- d. Board of Admission: the board responsible for judging the admissibility of the candidate to the programme ;
- e. Board of Examiners: the programme committee referred to in the Act;
- f. course: a study unit of the programme within the meaning of the Act;
- g. course assessment plan: Assessment plans describe the connection between intended learning outcomes, teaching and learning activities, and assessment tasks. Assessment plans furthermore clarify standard setting procedures and grading criteria, requirements to pass the (course) exam; criteria and procedures for resits; and general rules and regulations that apply to exams;
- h. course and/or module coordinator: an examiner who is responsible for the content of the education for a particular course and/or particular module;
- i. course guide: the (digital) programme guide which include further details about programme-specific provisions and information.
- j. course year: year 1 or year 2 of the programme;
- k. credit: a unit expressed in ECTS credits, with one credit equalling 28 hours of study;
- l. course exam: a component of the final examination as referred to in Section 7.10 of the Act. An exam may consist of several components;
- m. Disability Support (DS): the central point at UM where students with a disability and/or chronic illness can apply for facilities or support ;
- n. Education Programme Committee: the representation and advisory body that carries out the duties described in Article 9.18 and 9.38c of the Act;
- o. examination: the final examination for the master's programme;
- p. examiner: the person designated by the Board of Examiners to administer exams and to determine the results of such exams;
- q. faculty board: the faculty board referred to in the Act;
- r. FQ: final qualifications
- s. final examination : the collection of results of all exams and its components, as referred to Section 7.3 of the Act
- t. ILO: intended learning outcome;
- u. internship: workplace learning experience in which a research and/or development is performed that will result in a thesis; participant/student: a person who is registered at the university for education and/or to take exams and the examination of the programme;

- v. practical training: participating in an activity intended to develop certain skills as referred to in the Act, including
 - writing a thesis;
 - writing a paper, creating a technological design or performing another written assignment;
 - performing a research assignment;
 - participating in field work or a field trip;
 - completing an internship;
 - active participation in group meetings
 - w. programme: the master's programme referred to in Article 1.1 of these regulations, consisting of a coherent whole of study units;
 - x. Rules and Regulations: additional rules and regulations associated with the Education and Examination Regulations;
 - y. student: an individual who is registered at Maastricht University for education and/or to take exams and the final examination of the programme;
 - z. Student Portal: the electronic learning environment for the programme, which includes and refers to further details about programme-specific provisions and information, such as CanVas, student intranet, FHML web;
 - aa. UM: Maastricht University;
- The other terms have the meaning given to them by the Act.

SECTION 2 ADMISSION

Article 2.1 Admission

Persons who meet the requirements referred to in article 2.3 are eligible for admission to the programme.

Article 2.2 Board of Admission

1. The Dean of the Faculty has given the responsibilities of the admission to the Board of Admission to oversee the applications for the master programme.
2. The Board of Admission decides whether the candidate is qualified for admission or additional requirements apply.

Article 2.3 Admission requirements

1. The following persons are eligible for admission to the programme:
 - a those who have obtained a relevant* bachelor's degree from a Dutch university;
 - b those who have a relevant* bachelor's degree from an EEA university (note: in case of doubt, you may be asked to pass a GRE-test);
 - c those who have a relevant* bachelor's degree from a non-EEA university;
 - d those who have obtained a bachelor's degree from one of the European Union (EU) member states Higher Educational Programmes (HBO, Fachhochschule, University of Applied Sciences) in one of the following disciplines:
 - Dietetics
 - Nutrition
 - Applied Science
 - Biology
 - Pharmacy
 - Chemistry
 - Biological and Medical Laboratory Research (*Biologie en Medisch Laboratoriumonderzoek*)
 - People and Technique (*Mens en Techniek*)
 - Sustainable and Healthy Nutrition (*Duurzame en Gezonde Voeding*)
 (at least 50% of courses will have to be related to human health and/or physiology).
 - e those who have successfully completed the pre-master programme as described in Article 2.5.

*Relevant domains are: Biomedical Sciences, Health Sciences (track Biology & Health), Human Nutrition, Medicine, Molecular and Biophysical Life Sciences, Psychobiology, Human Movement

Sciences, Biology, Pharmacy, Chemistry, Health and Living, Life Sciences and/or Molecular Life Sciences and/or University College and/or related BSc (at least 50% of courses will have to be related to human health and/or physiology).

2. Beside the requirements as mentioned in article 1, additional requirements are applicable. These requirements are published on the website of Maastricht University (<https://www.maastrichtuniversity.nl/education/master/master-health-food-innovation-management/requirements>).

Article 2.4 Language requirement with non-Dutch diplomas

- a. Holders of a non-Dutch diploma can only register if they have met the minimum English language requirement corresponding to IELTS (international English Language Testing System) with a score of at least 6.5.
- b. The requirement referred to under (a) is met if the person concerned has obtained one of the following diplomas or certificates:
 - A secondary education diploma issued in an EU/EEA country where the person concerned has followed English up to and including the final year;
 - A diploma issued in a non-EU/EEA country that is at least equivalent to a VWO diploma and where English is the official language of instruction in education;
 - A completed bachelor's or master's study programme where the language of instruction is English;
 - an International or European Baccalaureate, a US high school diploma or UK GCE A-levels, or
 - Can demonstrate sufficient proficiency in English, for example through English taught courses, internships or work experience in an English environment, or
 - can submit one of the following language test certificates.
 - IELTS ($\geq 6,5$)
 - TOEFL Paper-based test (≥ 575)
 - TOEFL Internet test (≥ 90)
 - TOEIC listening and reading (≥ 720) and speaking and writing (≥ 310)
 - Cambridge [Advanced (CAE) Grade C (scale 180-184), First Certificate in English (FCE) Grade A (scale 180-184), First Certificate in English (FCE) Grade B (scale 176-179)]
 - similar accredited certification

Article 2.5 Pre-master programme

1. Applicants are eligible for the pre-master programme if:
 - a. they have successfully completed a relevant** bachelor's degree at a university of applied sciences. Applicants with BA or BSc from another discipline than those mentioned in section 2.3.1.d may be encouraged to apply for or may request admission to its pre-master's programme of max. 60 credits (ECTS).
 - b. they have successfully completed a relevant*** bachelor's degree at an academic university. Applicants with BA or BSc in a discipline outside the field of studies may be encouraged to apply for or may request admission to its pre-master's programme of max. 30 credits (ECTS).
 - c. the applicant's language proficiency and the motivation of the applicant meet the regular requirements.
 - d. the Board of Admissions is convinced that the pre-master programme will sufficiently elevate the student's knowledge to the required level; see article 2.2.
 - e. the Board of Admissions is convinced that the student will be able to successfully complete the University College Venlo courses selected for the pre-master programme.
2. The pre-master programme:

- a. is composed of key courses taken from the bachelor's programme University College Venlo (UCV) and allows its students to gain essential foundations in the field to prepare them for the master's programme.
- b. the Board of Admissions determines the load and the exact composition (courses, skills, and projects) of the individual pre-master programme. The Board of Admissions needs to approve any changes that occurs due to unforeseen circumstances (scheduling conflicts etc.).
- c. during the pre-master programme, the student is subject to the UCV EER.
- d. the students who successfully complete the pre-master's programme within a year, i.e. pass it's respective courses or received an exemption by the Board of Admissions, will be granted admission to the Health Food Innovation Management master's programme.

**Relevant bachelor's degree programmes from a university of applied sciences are: Food Technology, Food Engineering, Food Innovation, Food and Business or another programme containing at least (the equivalent of) 120 ECTS in human nutrition and/or health related courses.

***Relevant bachelor's degree programmes from an academic university are: Food Technology, Food Engineering, Food Innovation, Psychology, European Public Health, Global Health or another programme containing at least (the equivalent of) 90 ECTS in human health and academic skills related courses.

SECTION 3 CONTENT AND STRUCTURE OF THE PROGRAMME

Article 3.1 Aim of the programme

1. The Master of Science programme aims to provide students with knowledge of and insight in selected key-aspects of the following areas of science:

Biomedical Research on Nutrition and Health.

Basic research on the effects of nutritional compounds on mechanisms involved in the etiology of disease may lead to new insights and innovative ideas for new product development (NPD) in the food arena.

The implementation of basic research findings in nutrition intervention trials, will lead to insights on the efficacy of dietary measures to impact on health and disease.

Epidemiological research may provide ideas about the link between certain food/nutrient exposures and incidence of disease. Such studies justify the design of controlled intervention trials to determine the effects of dietary recommendations or supplementations, in order to substantiate intervention effects. Understanding possibilities and pitfalls of a number of sophisticated scientific intervention models and techniques and the use of specific biomarkers that are commonly used to study the effects of dietary components on human health status is a prerequisite for determining the targets, timelines and expected outcomes of studies.

Consumer and Market Research

Selection of appropriate development targets should be made based on specific criteria such as size of population affected, level of consumer knowledge/understanding-/trends/behaviour, food-fit, sensory factors and preferences and competitive landscape co-affecting consumer choices. Consumer and market research falls into place here.

Food Technology Developments

Novel food and nutrient isolation/extraction and processing techniques have led to the development of new ingredients and new types of foods.

Ingredient modification techniques have allowed the design of food ingredients that did not exist as such previously. Basic insights in food technology developments is important to understand the innovation process complexity.

International Food Regulations

With the development of the world-wide web and the growing interregional trade, products find their way all over the world. Insight in differences in food law and local regulations on health claims is essential to avoid project failures in specific countries or regions.

Entrepreneurship, Value Proposition and Intellectual Property

To make any innovation successful, an understanding of entrepreneurial aspects is highly relevant. Innovation is being done to create added value to consumers and value to the company. Understanding of the business essentials is of great importance for the multidisciplinary discussions in the process of new business- or new product development.

2. The programme contains sufficient elements for the academic and intellectual development of students, above all:
 - independent scientific thinking and performance;
 - scientific communication;
 - handling professional knowledge and skills in a social setting.

The programme's educational activities are based on core values and norms laid down in the Maastricht University Rules of Conduct and the principles of research integrity and the ensuing guidelines for good research practices as laid down in the Netherlands Code of Conduct for Research integrity (see UM website).

Article 3.2 Final qualifications (intended learning outcomes at programme level)

The programme's profile is detailed in 33 final qualifications (FQs) and intertwines four key research areas:

1. Biomedical research on food, nutrition and health
2. Consumer and market research
3. Entrepreneurship and innovation in food business
4. European food law in a global context

The FQs are focused on extending the knowledge and skills in nutrition and health, building on the basic (biomedical) knowledge that enrolled students have already obtained during their bachelor degree programmes, as well as on obtaining knowledge and skills on the other three key domains of the programme. Special attention is given to the understanding of the interplay between the different disciplines, which is a critical success factor when working in complex business and research environments. The different FQs either relate to one of the four key areas or, as is the case for most FQs, relate to at least two areas.

After graduation, students meet the following final qualifications;

The student:

- 1) understands the business of healthy eating;
- 2) knows and understands human physiology including the processes underlying food perception, and pathogenesis of non-communicable diseases such as obesity, diabetes, irritable bowel syndrome, inflammatory bowel disease, cardiovascular disease and osteoporosis;
- 3) knows and understands food digestion, bioavailability, bioactivity and metabolism of selected food components in relation to health management and disease risk reduction of Heart Health, Gut Health, Weight Management, Diabetes, Personalized Nutrition, Vitality and Healthy Ageing, Cognition and Mental Performance, and Clinical Nutrition;
- 4) understands and is able to analyze and evaluate consumer health concerns, public and commercial targets for health management, market segments and its developments;
- 5) understands and is able to analyze the possibilities and limitations of various food categories, among which dairy, bakery, beverage, confectionary, fruit and vegetable and meat as potential 'carrier systems' for health ingredients;
- 6) understands and is able to apply food ingredient classes such as carbohydrates, fibres, lipids, proteins, antioxidants and bioactives;
- 7) understands and is able to apply, analyze and evaluate technical opportunities to improve taste, texture and composition of food;
- 8) understands and is able to apply, analyze and evaluate epidemiology in assessing 'diet-health' relationships;

- 9) understands and is able to apply, analyze and evaluate emerging technologies that impact on the food production process and the opportunities for innovation in the area of food composition, taste, texture and mouth-feel;
- 10) understands and is able to apply, analyze and evaluate the drivers and processes of biosciences based food innovation, business development and entrepreneurship;
- 11) understands the triggers of food innovation and the key challenges of translating knowledge and understanding into a marketable product;
- 12) is able to build a business case, and establish and present a good business plan;
- 13) understands and is able to apply research methods used to understand the market and its dynamics, such as consumer demands, consumers' health concerns, consumer perceptions and behaviour;
- 14) understands and is able to apply, analyze and evaluate the regulatory environment of food in the EU, in a global context, with respect to functional foods, novel foods, GM food and feed, health and nutrition claims;
- 15) understands and is able to apply, analyze and evaluate environmental and socio-economical influences on food innovation developments;
- 16) understands and is able to apply, analyze and evaluate relevant biomedical analytics and technologies such as body composition analysis, human intervention study methodologies, in vitro digestion models, cell line models, nutrigenomics, metabolomics and sensory test models;
- 17) understands and is able to apply, analyze and evaluate human clinical trial designs and its role related to impact on the degree of health benefit evidence;
- 18) Is able to read, interpret, value and translate scientific data into information that is understandable by individuals with a non-technical background such as managers in commercial functions, sales men and lawyers. Yet, this "laymen level of information" should be scientifically correct;
- 19) is able to understand, apply, analyze and translate scientific data to industrially relevant input and concepts;
- 20) Is able to critically evaluate scientific literature;
- 21) Is able to understand and critically evaluate scientific literature in terms of ranking of the degree of evidence based on the design and methodology of the clinical studies;
- 22) understands and is able to apply, analyze and evaluate the value of new health benefits claims in the light of scientific evidence;
- 23) understands and is able to apply, analyze and evaluate project management methods to the development of novel technology, foods or services;
- 24) is able to assess the chance of success of health or nutrition claims in the light of the regulatory environment in the area of planned product launch;
- 25) is able to understand, apply, analyze and evaluate an overall early assessment of the potential likelihood of commercial success of innovative ideas in the light of technical, business and regulatory feasibility;
- 26) is able to predict and manage practical problems (and their solutions) that relate to food innovation;
- 27) is capable to communicate scientific information in a non-scientific environment, to the general population and its sub-populations;
- 28) is capable to discuss scientific and regulatory aspects of new ideas/concepts with commercial functions in the industry and with spoke persons of the regulatory and scientific governmental authorities;
- 29) can report scientific study results in an understandable way in writing as well as in presentations;
- 30) understands and is able to discuss opportunities and plans for food related business opportunities with scientists, IP experts, marketeers, food engineers and investors.
- 31) can integrate new insights from the disciplines of life sciences or agro/food technology with economics and management, to drive science-based food innovation;
- 32) is able to learn from own and team performance;
- 33) is able to learn from negative experiences and failures.

Article 3.3 **Form of the programme**

This is a full-time programme which takes at least 2 years to complete.
The programme commences once a year in September.

Article 3.4 **Language of instruction**

1. The programme is taught in English; see section 10, appendix B.
2. Exams and examinations will take place in English.
3. The use of dictionaries is not permitted during the exams.

Article 3.5 **Communications and announcement of decisions**

1. The Faculty Board, the Board of Examiners and the examiners use Student Portal and/or e-mail through the UM account for communications relating to the programme and examinations.
2. The Faculty Board, the Board of Examiners and the examiners use Student Portal and e-mail through the UM account to announce decisions.
3. The student must regularly check his/her university e-mail address, the Faculty website and the digital learning environment. Information disseminated via e-mail, the digital learning environment or the website will be assumed to be known

Article 3.6 **Study load**

The programme has a study load of 120 credits (ECTS), with one credit equalling 28 hours of study. Each course year has a study load of 60 credits.

Article 3.7 **Content of the programme**

The Health Food Innovation Management Master's programme includes the following components and related study loads:

Year 1:

Food and Nutrition in Health and Disease (HFV1001)	(12 credits)
Entrepreneurship and Innovation in Food Business (HFV1002)	(13 credits)
Consumer Understanding and Behaviour (HFV1003)	(10 credits)
Food Innovation and New Product Development (HFV1004)	(10 credits)
Scientific Methods and Analytics (HFV1005)	(10 credits)
Skills training Project Management (HFV1006)	(5 credits)

Year 2:

European Food Law in a Global Context (HFV2001)	(10 credits)
Skills training Health Food Venture Creation (HFV2002)	(10 credits)
Internship and Thesis (HFV2003 and HFV2004)	(40 credits)

Article 3.8 **Flexible programme and flexible master**

1. A student registered for one of the faculty's programmes may, under certain conditions, formulate an educational programme of its own which is different from the educational programme stated in Article 3.7. The composition of such a programme must be approved beforehand by the appropriate Board of Examiners.
2. The flexible programme must have a study load of 120 credits.
3. The Board of Examiners will decide whether to grant permission for the student's proposal within four weeks after it receives the proposal.
4. In granting the permission, the Board of Examiners will indicate which programme offered by the faculty will include the programme formulated by the student for purposes of the Education and Examination Regulations.

Article 3.9 **Combining the programme with pregnancy and care tasks**

1. With regard to pregnancy and/or childcare (and/or other care tasks initially limited to family members in the first line), the Board of Examiners may set up a custom programme for master students upon their written request.
2. The request referred to in paragraph 1 of Article 3.9 should be accompanied by a specific proposal for a programme that has been prepared in consultation with the study advisor.

3. The Board of Examiners strives to make a decision as soon as possible but no later than 2 months after submission of the request.

Article 3.10 **The final examination**

1. The final examination includes the following components:
 - Course exams
 - Internship
 - Thesis
 - Active participation in group meetings, projects and practicals
 - Assignments
 - Presentations
 - Reports

SECTION 4 EDUCATION

Article 4.1 **Courses; composition; practical training**

1. For the programme components, courses are given with the study load stated in Article 3.7
2. The education is given in the form of classes, study groups, practical training, lectures, individual supervision or otherwise.
3. The education programme includes 40 weeks per year.
4. The courses indicated in **Appendix A** include practical training in accordance with the given specifications regarding the nature and scope of the student's activities.

Article 4.2 **Prior knowledge; course (year) entrance requirements**

The participant may only participate in the following components after the participant has passed the listed courses:

- Internship: after attainment of the full credits for at least 5 courses in the first master year. NB if a student does not comply with this requirement, (s)he may place a request to the Board of Examiners to conditionally start the internship, in anticipation of an exam resit for the failed course(s).

Article 4.3 **Attendance and active participation**

1. Each participant is expected to 100% attend and actively participate in the course for which the participant has registered.
2. In addition to the general requirement to attend 100% of the tutorial meetings and actively participate, participants must participate in mandatory educational activities as indicated in the course assessment plans.
3. Students who have been granted top-class athlete status may qualify for an adjusted attendance and participation requirement.
4. Students who have a medical impairment may qualify for an adjusted attendance and participation requirement pursuant to the recommendation of the SSC-Disability Support and/or study advisor.
5. Students who meet the requirements of exceptional circumstances as mentioned in article 4.3.3 and 4.3.4 and who have an attendance between 50-75% automatically qualify for an additional assignment as indicated in the course assessment plans.
6. In exceptional cases, the Board of Examiners may, at the participant's request, interpret this attendance and participation requirement differently if the exam and evaluation of the envisaged skills may, in its opinion, also be performed if the attendance and active participation requirements are not met, with or without additional requirements being imposed.

SECTION 5 ASSESSMENT

Article 5.1 General

1. During a course, the participant will be assessed for academic training and the extent to which the participant has sufficiently achieved the stated learning objectives.
2. The assessment plan describes the requirements the participant must meet to pass the course and the criteria on which the participant is assessed. Once approved by the Board of Examiners, the assessment plans are published on the Student Portal.
3. The Rules of Procedure at Exams describe the assessment procedure. The regulations can be found on the Student Portal.

Article 5.2 Marks

1. Marks are awarded on a scale of 1 to 10 up to one decimal place accurately.
2. The student must receive a mark of 5.5 or higher for all assessment elements, unless specifically stated otherwise in the course assessment plan, and a final mark of 5.5 or higher to pass the course. If only whole marks are given, the participant passes the course if the final mark is 6 or higher.
3. Additional requirements to pass the course, i.e. grades for other assessment elements, will be specified in the course assessment plans.
4. Notwithstanding the rules in 5.2.2. the participant must at least receive a final mark of 6.0 for the internship and thesis to pass those exam components.
5. Ratings are expressed as Good, Pass, or Fail.
6. If ratings are used, the final assessment for the relevant examination component is a pass if the student receives at least a Pass rating.

Article 5.3 Order of exams

Students are not admitted to a course exam unless they have fulfilled the obligation to attend mandatory educational activities for the relevant course. In appropriate cases, a student may be conditionally admitted to an exam at its request, pending a final decision on admissibility from the Board of Examiners.

Article 5.4 Scheduling and frequency of the exams

1. Students can take exams twice a year on dates determined by the Office of Education: once during or directly after the course period (first sit for the exam) and once during the academic year (resit option).
2. In exceptional cases, the Board of Examiners can decide that an exam may be taken at another time than determined in accordance with the first paragraph.
3. The Board of Examiners maintains the right to organise additional re-examination dates.
4. When the result of the course exam is insufficient after a period in which 4 consecutive exams including re-examinations have been organized, the student has to participate satisfactory in group meetings, practical skills and satisfactory complete group assignments or papers that are part of the course, to obtain admission to the course exam or resit.

Article 5.5 Form of the exams

1. The exam format depends on the knowledge and skills to be assessed, and will be announced via the assessment plans or no later than at the start of the course. In principle, the exams are written. 'Written exams' also include taking these exams by computer.
2. In consultation with the Board of Examiners, the examiner may decide that due to the current number of students, or due to the nature and content of a course, or due to any other extraordinary circumstances, the originally announced exam format can be taken in a different form and this change will be announced to the students as soon as it is decided.
3. Pursuant to the recommendation of the SSC-Disability Support and/or study advisor, the Board of Examiners will give students with a disability the opportunity to take exams in a manner that

accommodates their specific disability as much as possible. The Board of Examiners will seek expert advice where necessary before reaching a decision.

Article 5.6 Oral exams

1. Oral exams are conducted on an individual basis, unless the Board of Examiners has stipulated otherwise.
2. Oral exams are administered by two examiners, unless the Board of Examiners has stipulated otherwise.
3. Oral examinations are public unless the student has objections against the public nature or the Board of Examiners or the relevant examiner has stipulated otherwise in exceptional cases.

Article 5.7 Assessments in exceptional cases

1. If, to pass the final master's examination, a participant only needs at most one mandatory component (taken earlier, but not passed), and not granting an individual assessment would demonstrably result in a study delay of more than one semester, the participant may request to be eligible for an extra assessment.
2. If not granting an individual assessment would result in an 'exceptional case of manifest unfairness', the Board of Examiners may decide to give an extra assessment.
3. A student can submit a request to the Board of Examiners for an individual assessment. This request may be granted if:
 - the student has not passed the exam in question due to exceptional circumstances
 - a student only needs to pass no more than one mandatory component (taken earlier the regular and resit exam in first and second course year, but not passed the course),
 - If not granting an individual assessment would result in an 'exceptional case of extreme unfairness'
4. Requests for exceptional assessments must be submitted to the Board of Examiners with supporting documents as soon as possible.

Article 5.8 Written assignments and master's thesis

1. The Health Food Innovation Management programme management may draw up guidelines for written assignments as well as for the written master's thesis and the oral defence thereof. The guidelines will be published in the Student Portal.
2. The master's thesis will be evaluated by at least two examiners. In addition to the assessment of the written thesis, the two examiners will assess an oral bachelor thesis defence. This oral defence will include a short presentation by the student, followed by questions from the examiners.
3. The master's thesis must be written and defended individually by the student.
4. The student will write and defend one thesis supervised and assessed by the Faculty over the course of the programme.

Article 5.9 Internship

1. The internship coordinator decides on behalf of the programme management whether a proposed internship meets the requirements.
2. The internship coordinator assigns on behalf of the Board of Examiners, the examiners as supervisors for the internship as well as the second thesis examiners.
3. The programme management lays down the requirements that internships must meet in terms of nature and content in the form of internship regulations. These regulations are published on the Student Portal.
4. For each internship a supervisor will be appointed as examiner by the Board of Examiners.
5. The student will undertake one internship supervised and assessed by the Faculty over the course of the programme.

Article 5.10 Determination and announcement of exam results

1. The Board of Examiners determines the standards for assessing each examination component. The standards are included in the Rules and Regulations.
2. The examiner determines the result of a written exam and provides the Education Office with this result within 13 working days of the date on which the exam was taken. The Education Office appries the participant of the result within 15 working days of the date on which the exam was taken.
3. The period stipulated in paragraph 5.10.2 may be extended if the Board of Examiners considers it necessary to investigate the exam result further.
4. The examiner determines the result of an oral exam at the latest the next day after it is taken and issue the relevant certificate to the Education Office. If more than one participant takes the same exam after each other on different days, this period may be extended by up to five working days.
5. For all other forms of exams, the Board of Examiners specifies in advance how the result will be determined and what the applicable time period is.

Article 5.11 Right of inspection

1. Within 10 working days after notification of the result of a written exam, including a computer-based exam, is announced, students can, upon request, inspect their assessed work.
2. Within the period referred to in paragraph 5.11.1, the student in question may inspect the questions and assignments for the written exam and the standards on which the assessment was based.
3. Students will be informed of how to exercise their right of inspection when they are notified of the result of a written exam, with due observance of paragraph 5.11.1.
4. When a paper or Master's thesis has been corrected and provided with marginal notes by the examiner, it will be returned to the student.

Article 5.12 Administration of courses

1. An administration for completion of a course, and therefore the course-related credits, is obtained once all requirements with regard to the components of the course have been met. The requirements always include a pass in the course exams.
2. Any additional requirements for administration of the courses are stated in the corresponding assessment plans.

Article 5.13 Invalidation of exams

If an exam involves irregularities that make it impossible to accurately assess the candidate's knowledge, insight, and skills, the Board of Examiners may declare the exam invalid for both the examinee and/or a group of examinees.

Article 5.14 Period of validity

1. In principle, exams which have been passed are valid for an unlimited period.
2. Notwithstanding this, the Board of Examiners may require an additional or replacement exam or examination component for an exam which was passed more than six years ago if the student's knowledge or insight that was examined is demonstrably outdated or the skills that were examined are demonstrably outdated.
3. If exceptional circumstances apply as referred to in Article 7.51 paragraph two of the Act, the period of six years will be extended by the duration of the financial support the student receives from the profiling fund.

Article 5.15 Retention period for exams

1. The exercises, including answer keys/response models, the elaborations/answers and the

assessed work for assignments/exams will be retained in paper or digital format for two years after the exam/final examination result is determined.

2. Theses that have been awarded a pass mark and the corresponding assessment will be retained for at least seven years.
3. The diploma and accompanying list of marks will be retained for 30 years.

Article 5.16 **Exemption**

1. The Board of Examiners may, at a student's request, grant the student an exemption from taking an exam if the student demonstrates in writing to the Board of Examiners' satisfaction that the student previously:
 - a. Either passed an exam for a university or higher professional education programme which was similar in terms of content and level or
 - b. Demonstrated sufficient knowledge and skills relevant to the exam concerned, either through work or professional experience
2. At most one third of the credits for the programme may be granted based on the exemptions granted.
3. The master's thesis and internship are excluded from this exemption option
4. In order to qualify for an exemption, a student has to submit a written request to the Board of Examiners within a minimum of 6 weeks prior to the start of the relevant course.
5. The Board of Examiners will not grant any exemption based on exams passed by a student outside the programme during the period in which the student was barred by the board of examiners from taking exams for the programme because of fraud.
6. The same period of validity that applies to exam results, also applies to exemptions.

Article 5.17 **Fraud**

1. The term fraud, which is also understood to include plagiarism, is used to refer to an act or omission on the part of a student that makes it entirely or partly impossible to properly assess the student's knowledge, insight and skills.
2. The term plagiarism is used to refer to the presentation of ideas or words from one's own or someone else's sources without correctly acknowledging the source.
3. The term fraud also refers to attempted fraud.
4. If the Board of Examiners establishes that a student has committed fraud during an exam or exam component, the Board may take appropriate measures.
5. In serious cases of fraud, the Board of Examiners may propose to the Executive Board of Maastricht University to permanently terminate the relevant student or students' registration in the programme.
6. The General FHML-Regulation for Fraud and Irregularities, drawn up by the Board of Examiners, set out in greater detail what constitutes fraud and what measures the Board of Examiners may impose. These regulations are available on the Student Portal at the start of the academic year.

Article 5.18 **Unsuitability (*Iudicium Abeundi*)**

1. In exceptional cases and after careful consideration of the interests involved, the Board of Examiners or the dean/the Faculty Board may ask the executive board to terminate or, as the case may be, refuse the enrolment of a student in a programme, if that student, through its behaviour or opinions ventured, has demonstrated its unsuitability for the practice of one or more professions for which the student is trained by the programme the student follows, or, as the case may be, for the practical preparation for the practice of the profession.
2. The dean/the Faculty Board, the Board of Examiners and the Executive Board will reach a decision in accordance with the *Iudicium Abeundi* Protocol adopted by the Dutch Federation of University.
3. The relevant clauses of Maastricht University's Enrolment Provisions apply.

SECTION 6 FINAL EXAMINATION

Article 6.1 Final examination

1. The Board of Examiners determines the result and date of the examination and issues the certificate as referred to in Article 6.3 as soon as the participant has satisfied the exam requirements of the programme.
2. Prior to determining the result of the examination, the Board of Examiners may conduct their own investigation of the participant's knowledge regarding one or more components or aspects of the programme if and insofar as the results of the relevant exams give reason to do this.
3. To pass the examination, the participant must pass all components as mentioned in article 3.7
4. To pass the examination and receive the certificate, the participant must also have been registered for the programme during the period that the exams were taken.
5. A certificate may only be issued after it has been shown that the participant has satisfied all the obligations, including paying the fees.
6. The last day of the month in which the student satisfied all the examination obligations will be considered the examination date (graduation date).
7. Students who have passed the examination and who are entitled to the issuance of a certificate may, stating reasons, ask the Board of Examiners not to do this yet. This request must be submitted at least one month before the final assignment is turned in or the final exam is taken. The Board of Examiners in any event grants the request:
 - if the student is selected by the faculty for a double degree, an extracurricular internship or an extracurricular exchange, or
 - if the student has held/will hold a board position of at least nine months or a Student Introduction Committee ('INKOM') board position.

The Board of Examiners may also grant the request if refusal would result in an exceptional case of extreme unfairness because the student concerned could not have taken the automatic graduation into account when the student was planning its study.

Article 6.2 Degree

Participants who have passed the examination will be awarded the degree 'Master of Science'.

Article 6.3 Certificate and statements

1. As proof that the examination was passed, the Board of Examiners issues a certificate, after it has been stated by or on behalf of UM's Executive Board that the procedural requirements for receiving the certificate have been met. The certificate is based on the model that UM's Executive Board has adopted. One certificate will be issued per programme, even if the participant completes several programmes.
2. The certificate that the examination has been passed also indicates:
 - a. the name of the institution;
 - b. the name of the programme;
 - c. the examination components;
 - d. the degree awarded;
 - e. the date on which the programme was most recently accredited or was subjected to the new programme test;
3. Participants who are entitled to the issuance of a certificate may, stating reasons, ask the Board of Examiners not to do this yet (pursuant to Article 6.1(7)).
4. The certificate is signed by the chair of the Board of Examiners and the faculty dean.
5. The certificate is awarded in public, unless the Board of Examiners decides otherwise in exceptional cases.
6. The certificate includes a list of the examination components.
7. The Board of Examiners includes a diploma supplement as referred to in Article 7.11(4) of the Act with the certificate. This diploma supplement is based on the model adopted by UM's Executive Board, which is in compliance with the agreed European standard format.

8. The Board of Examiners may award the '*cum laude*' designation in accordance with the provisions in the Rules and Regulations.
9. Participants who have passed more than one exam and who cannot be issued a certificate will upon request, receive a statement issued by the Board of Examiners which at least indicates the exams which they passed.

Article 6.4 Right of appeal

1. Students may lodge an appeal against a decision by the examiner and/or the Board of Examiners with UM Complaint Service Point within six weeks of being notified of the decision.
2. The appeal can be submitted to Maastricht University, Student Service Centre, attn. Complaints Service Point, PO Box 616, 6200 MD Maastricht. The appeal must be signed, dated and include the name and address of the petitioner. It should also include the grounds on which the appeal is based and, if possible, a copy of the decision being appealed.

SECTION 7 STUDY GUIDANCE

Article 7.1 Study progress administration

The faculty records the students' individual study results and makes them available through StudentPortal.

Article 7.2 Study guidance

The faculty will provide for the introduction and study guidance for students registered for the programme. The study guidance includes:

- a. an introduction during the first week of the first semester of the first academic year;
- b. group and individual advice on possible study paths in and outside the programme, partly with a view to the professional options after the master's programme and opportunities for immediately entering the labour market after obtaining the master's diploma;
- c. group and individual advice on study skills, study planning and choices of continuing study paths;
- d. offering referrals and help if the student experiences problems during the study.

Article 7.3 Studying with a disability and/or chronic disease

Upon request, students with a disability and/or chronic illness are offered the opportunity to take exams and assessments or teaching and learning activities in a manner adapted as optimal as possible to their disability and/or chronic illness. These adjustments shall be reasonably tailored to the student's disability and/or chronic illness but may not alter the quality or difficulty of an educational component or assessment programme. All intended learning outcomes must be covered by the adapted (assessment) provision. Based on the advice of Disability Support (DS), the advice of the student advisor and any additional information, if requested, the Board of Examiners decides on adaptations in assessment. If the Board of Examiners deviates from the advice of DS, this deviation is motivated.

SECTION 8 TRANSITIONAL AND FINAL PROVISIONS

Article 8.1 Amendments

1. Amendments to these regulations may be adopted in a separate decision by the Faculty Board, after a recommendation from the programme committee and after consent from or consultation with the Faculty Council.
2. Any amendments to these regulations will be applied in the current academic year unless the student will reasonably be harmed as a result.
3. In addition, amendments may not affect, to the students' detriment, a decision regarding a student which has been taken by the Board of Examiners pursuant to these regulations.

Article 8.2 **Notice**

The Faculty Board ensures that proper notice is given of these regulations, the rules and regulations adopted by the Board of Examiners, and any changes to these documents, by, for example, placing such notice on the StudentPortal.

Article 8.3 **Evaluation**

The Faculty Board will ensure that the education of the programme is regularly evaluated, assessing at least – for the purpose of monitoring and if adapting the student workload – the amount of time students need to complete their duties as set out therein.

Article 8.4 **Unforeseen cases/safety net scheme**

1. In cases not covered or not clearly covered by these regulations, decisions are taken by or on behalf of the Faculty Board, after it has consulted with the Board of Examiners.
2. In individual cases in which application of the Education and Examination Regulations, would lead to manifestly unreasonable results, the Board of Examiners can deviate from the stated regulations in the student's favour.

Article 8.5 **Effective date**

This Regulation will come into force on September 1, 2024 and will apply to the academic year 2024-2025.

SECTION 9 APPENDIX A: PRACTICAL TRAINING

The following courses consist in whole or in part of practical training:

Course	Course Year	Credits	Nature of activities
HFV1004 Food Innovation and New Product Development	Year 1	10 ECTS	laboratory practical(s) to learn how to apply theoretical food innovation concepts into actual food products
HFV1006 Skill training Project Management	year 1	5 ECTS	learn how to apply project management techniques to technology or product development project
HFV2002 Skill training Health Food Venture Creation	year 2	10 ECTS	develop both theoretical and practical insight of and an initial competence in into the start-up processes of new ventures and of the role of business planning
HFV2003/4 Internship & Thesis	year 2	40 ECTS	conducting scientific research

SECTION 10 APPENDIX B: LANGUAGE OF INSTRUCTION

The choice for the language of instruction of the programme is in line with the Executive Board Code of conduct 'voertaal' adopted on 06/03/2018 in accordance with the Dutch Higher Education and Research Act (WHW) art. 7.2.

Because of the specific educational nature and profile of the master programme in Health Food Innovation Management, teaching and examinations are conducted in English. This guarantees the quality of education, because:

- The content of the programme has an international orientation and focus. Literature and study books are in English, there is no relevant literature only in Dutch. Moreover, international exchange of students during the master thesis work will be facilitated by English proficiency.
- The academic community is internationally oriented and the staff is international. A considerable part of the teaching staff is non-Dutch.
- The labour market demand is internationally oriented (English speaking) alumni. After finishing a master, a large part of the graduates gets either a PhD-position or a position in an internationally oriented food and/or beverage company. English is the lingua franca of science and many of the research groups host international researchers making English the language of daily communication as well. That part of graduates that is not employed as a PhD, finds jobs at food and/or beverage companies. These companies often host foreign employees, resulting in English as a common language. Working in an international context not only requires language proficiency, but also necessitates a feeling of cultural differences. An English taught programme allows the intake of a culturally diverse student population, and creates a natural setting to develop intercultural awareness and to train the kind of skills needed to cope with diversity.