



GUIDELINE EDUCATION AND EXAMINATION REGULATIONS

2025-2026

For the Master's programme:
Humanitarian Engineering (M-HE)

DATE: 08-07-2025



UNIVERSITY OF TWENTE.

PREFACE

The rights and obligations of the students on the one hand and the University of Twente on the other hand are laid down in the Student Charter, which contains two parts:

- The institutional part of the Student Sections, which contains the rights and obligations that apply to all UT students. The institutional section can be found at: www.utwente.nl/en/ces/sacc/regulations/charter.
- The programme-specific part of the Student Charter, which is called the Education and Examination Regulations (EER) and provides a broad outline of the teaching programme and examination for each degree programme.

This document is the Education and Examination Regulations. In accordance with Section 7.13, Paragraph 1, of the Dutch Higher Education and Research Act (Wet op het hoger onderwijs en wetenschappelijk onderzoek, hereafter: WHW), the EER must contain sufficient and clear information about the degree programme or group of programmes to which they apply. Section 7.13, Paragraph 2, of the WHW lists those issues that must, as a minimum, be stipulated in the EER with respect to procedures, rights and responsibilities relating to the teaching and examinations that are part of each degree programme or group of programmes. The WHW also includes a number of separate obligations relating to the inclusion of rules within the EER.

An ET guideline was provided to promote uniformity in the structure and formulation of elements that apply to all ET degree programmes.

Please note rights can be derived from the EER by both the Engineering Technology Faculty (ET) and students enrolled in its Master's programme. This is not the case concerning all other written and electronic publications.

When reference is made to an Article, Section or Rule in this regulation, this document is meant, unless otherwise specified. When reference is made to the law, the Higher Education and Research Act (WHW) is meant, unless otherwise specified.

The Dean of the Faculty Engineering Technology, in view of the articles 9.5, 9.15, first SECTION (a), 7.13 first and second SECTIONs, 9.38 (b), and 9.18, first SECTION (a), and 7.59 of the Higher Education and Research Act (WHW), and in due consideration of the recommendations of the Programme Committee, as well as the approval by, or advice of, the Faculty Council, hereby adopts the ET Education and Examination Regulations.

Prof.dr.ir. H.F.J.M. Koopman
Dean of the Faculty of Engineering Technology

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SECTION 1 GENERAL PROVISIONS

ARTICLE 1.1 APPLICABILITY OF THESE REGULATIONS

1. This general section of the education and examination regulations applies to all students enrolled in the master's programmes of the Faculty of Engineering Technology: Civil Engineering & Management (M-CEM), Construction Management & Engineering (M-CME), Humanitarian Engineering (M-HE), Industrial Design Engineering (M-IDE), Mechanical Engineering (M-ME) and Sustainable Energy Technology (M-SET)
2. Students attending courses that are not part of the HE programme are subject to the rules laid down in the appropriate documents, such as the assessment rules laid down in the assessment schedule of the relevant course, or the rules laid down in the EER of the coordinating degree programme. The decision on special facilities in accordance with Article 7.2 may only be taken by the Examination Board of the programme for which the student is enrolled.
3. The institute section of the student charter includes a definition of what the University of Twente considers to be academic misconduct (fraud). The rules and regulations of the Examination Board for the master's programme in question include additional rules about academic misconduct (fraud), such as which measures the Examination Board may take if it establishes misconduct (fraud).
4. The rules and regulations of the Examination Board of the master's programme in question include provisions about the rules of order during tests and rules in case of emergencies.
5. Requests for exemptions in respect of provisions laid down in the education and examination regulations should be submitted to the Examination Board or mandated track/specialisation coordinator of the student's own master's programme, as laid down in the relevant articles of these Regulations.

ARTICLE 1.2 DEFINITIONS

The terms used in these Regulations should be interpreted as follows:

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| Academic year: | The period beginning on 1 September and ending on 31 August of the following year. |
| Admission Committee: | The Admissions Committee is mandated by the Faculty Board to decide on the admission of applicants to the Master's programme (Article 7.30 WHW). |
| Assessment plan: | A plan indicating how the testing of a course is organised. At first, it states the grading of the study units of the course, and secondly, the conditions for passing the course (including possible compensation rules within the course). |
| Assignment: | The execution of a design or research assignment. |
| BOZ: | Office of Educational Affairs within the Centre for Educational Support (CES). |
| Canvas: | University of Twente's digital learning environment. |
| Course: | A programme component as defined in Article 7.3, paragraph 2 and 3 WHW. Each course is concluded with an examination. An examination can consist of multiple tests. |
| Credit/ECTS: | A unit of 28 study load hours, in accordance with the European Credit Transfer System. A full-time academic year consists of 60 credits, equal to 1680 hours of study (Article 7.4 WHW). |
| Curriculum: | The aggregate of required and elective courses constituting a degree programme as laid down in the programme-specific part. |
| CPO: | A committee formed by the institutional board that issues advice to the programme board in individual cases concerning the |

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| | validity, term and seriousness of the personal circumstances of the student involved |
| Degree programme: | Master's degree programme as referred to in Article 1.1. |
| Domain Coordinator | Member of the scientific staff responsible for providing advice on the specifics of the domain within the overall context and content of the master's programme |
| Essay: | Written report about a theoretical or practical project/assignment |
| Examination: | An evaluation, performed to conclude a course, of the student's knowledge, understanding and skills as well as an assessment of the outcomes of that evaluation (Article 7.10 WHW); an examination may consist of a number of tests. |
| Examination Board: | The body that objectively and professionally assesses whether a student meets the conditions laid down in the education and examination regulations regarding the knowledge, understanding and skills required to obtain a degree (Article 7.12 WHW). |
| Examiner: | The individual appointed by the Examination Board to administer examinations and tests and to determine the results, in accordance with Article 7.12c WHW. |
| Exemption: | The decision of the Examination Board that the student has knowledge and skills which are comparable in terms of content, scope and level with one or more courses or components of courses. An exemption is granted based on acquired competencies, i.e. previously passed examinations in higher education or in view of knowledge and skills attained outside higher education. |
| Faculty Board: | Head of the faculty (Article 9.12, paragraph 2 WHW). |
| Final examination: | A degree programme is concluded with a final examination. If the courses in the degree programme have been completed successfully, then the final examination will be deemed to have been completed (Article 7.10 WHW). |
| FOBOS: | Financial Support for Special Circumstances of Students. |
| HBO: | Dutch University of Applied Sciences. |
| Higher Education and Research Act (abbreviated to 'WHW'): | The Higher Education and Research Act, Bulletin of Acts and Decrees 1992, 593, and its subsequent amendments. |
| HE: | The Master's programme Humanitarian Engineering |
| Institution: | University of Twente (Universiteit Twente). |
| Institutional Board: | The Executive Board of the University of Twente (Article 1.1 WHW). |
| Internship: | An assignment in which a student is placed in a professional or scientific environment and conducts activities to increase practical knowledge of and insight into practitioners and research processes. |
| Language of tuition: | The official language of tuition is the language in which education is given, in which teaching material is provided and in which tests and examinations are held. |
| Learning outcomes: | The qualities regarding the knowledge, insight and skills a student must have acquired upon completion of the programme. |
| Lecture: | A plenary (on Campus or online) gathering for students, intended for the presentation of information. |
| Literature study: | The undertaking of a literature research into specified scientific phenomena. |

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| TE viewer: | The application used at the University of Twente to view and download the timetable of the degree programme. |
| Osiris: | System designated by the Institutional Board for registration and for providing information on all relevant data related to the students and the degree programme, as referred to in the WHW. |
| Partner institution: | An institution with which the university has a structural relationship for collaboration, in which the programme is active. For example the 4TU federation and the ECIU -network (http://www.eciu.org/) |
| Practical exercise: | A practical assignment (online or on Campus). This refers to participation in an educational activity designed to acquire certain skills, such as the completion of an assignment or a technological design, the execution of tests and experiments, computer work and participation in fieldwork or an excursion. |
| Pre-Master's programme: | The pre-Master's programme is a transfer and bridging programme for Universities of Applied Sciences (HBO) or University Bachelor programme students who wish to obtain a university master's degree, but who cannot be admitted directly (see Article 2.2). |
| Programme Committee (OLC): | Committee referred to in Article 9.18 WHW. |
| Programme Director: | The person appointed by the Faculty Board to administer the programme (Article 9.17 WHW). |
| Project: | Working as a team of students to carry out a design or research assignment, usually based on a real life scenario. |
| Retention period: | The amount of time that certain types of information or documents must be kept by universities and university medical centres. ¹ |
| Rules and regulations Examination Board: | Rules and regulations as defined by and of the Examination Board |
| Seminar: | A meeting for a part of the population to offer students the opportunity to work through the learning materials (also supervised self-study). |
| Student: | Anyone enrolled in a programme in accordance with Article 7.34 and 7.37 WHW. |
| Study advisor: | Person appointed by the Faculty Board who acts as contact between the student and the university, and in this role represents the interests of the student, as well as fulfilling an advisory role. |
| Study load: | The time an average student needs to learn the course material. The study load comprises project work, independent study, lectures and writing assignments, for example. The study load is expressed in ECTS credits according to the European Credit Transfer System. |
| Test: | An evaluation of the student's knowledge, understanding and skills as well as an assessment of the outcomes of that evaluation. A test is part of an examination. If the examination for a course consists of a single test then the result of that test will count as the result of the examination. A test can consist of subtests. |

¹ These periods are defined in a schedule called the 'Universities and University Medical Centres 2020 Retention and Disposition Schedule'. The University of Twente follows this schedule, which was officially adopted by the Minister for Primary and Secondary Education and Media on January 27th, 2020. The University of Twente also refers to the retention periods in the Assessment Policy (UT Framework).

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| Teaching period: | The period in which a course is offered. The teaching period starts in the first week in which an educational activity takes place for the course concerned and ends in the final week in which an educational activity takes place and/or a test is administered for the course concerned. |
| Tutorial: | a (online or on Campus) gathering for a (sub) group of the population in order to allow students to process the subject matter (also known as guided independent learning). |
| UT: | University of Twente. |
| Working day: | Any day from Monday to Friday with the exception of official holidays and the prearranged compulsory holidays ('brugdagen') on which the staff are free. |

The definition of all other terms used in these Regulations is in accordance with the definition accorded by the main text of this document and/or the student charter or the WHW.

ARTICLE 1.3 LANGUAGE OF INSTRUCTION

1. The language of the programme, including communication, instruction and examination is English.
2. The choice of the official language for an educational programme or components of an educational programme lies with the Programme Director, subject to the right to consent of the Programme Committee.
3. If programme components deviate from the language of tuition, then this is to take place in accordance with the Code of Conduct for Languages of the University of Twente and Article 7.2 WHW.
4. The thesis and internship report are written in English. Exceptions require approval of the Examination Board beforehand. If an exception is granted, the student is obliged to provide a summary of the final report in English.

ARTICLE 1.4 SAFETY

Working in a laboratory or workshop is subject to certain safety requirements. Students are obligated to inform themselves of these rules and comply with them. To be allowed to work in a laboratory or workshop, the student must be registered as a student at the UT.

SECTION 2 APPLICATION AND ENROLMENT

ARTICLE 2.1 CONDITIONS

1. Admission to the programme is granted if the requirements with regard to prior education for enrolment in university education are met, in accordance with the WHW, Article 7.30b.
2. Admission to a Master's can be achieved in several ways:
 - a. Graduates from the three Dutch Universities of Technology holding a university Bachelor's degree in engineering are admitted unconditionally.
 - b. Those holding a university Bachelor's degree in an adjoining subject or programme can be admitted on the condition that a specific supplementation of the Bachelor's programme is undertaken. Admission from other University of Technology programmes is determined in the admissions matrix: <https://www.utwente.nl/en/education/master/admission-requirements/dutch-university/>
 - c. Those holding a university Bachelor's degree in engineering programmes (or adjacent discipline) from a foreign university can be admitted if:
 - i. the (level of the) Bachelor of Science degree from a university abroad is equivalent to the Dutch WO Bachelor's degree
 - ii. the student has a CGPA of at least 75% of the maximum score, or the country's equivalent; and
 - iii. the additional requirements (including the language requirements) are satisfied.
 - iv. the application fee has been fulfilled
 - d. Those who have successfully completed a pre-Master's programme are admitted (see Article 2.2 and article 7.30e WHW)
3. Students from abroad must show they have sufficient command of the English language according to the requirements specified on the website <https://www.utwente.nl/en/education/master/admission-requirements/language/>.
4. The Faculty Board of Engineering Technology establishes an admission committee for each master programme, for the purpose of assessing the candidate's suitability for admission to the programme on the basis of the requirements stipulated in Article 2.1.1 - 2.1.3. During the assessment of the application for admission to the master's programme, the Admission Committee can demand that certain subjects must be passed before the proof of admission to the master's programme can be issued.

ARTICLE 2.2 PRE-MASTER PROGRAMME

1. Students with a Bachelor's degree from a Dutch University of Applied Sciences (HBO) in engineering or in an adjacent subject, as well as students with a university's Bachelor's degree in adjacent subjects that does not give direct admission to the Master can be admitted to the pre-Master's programme. Admission is at the discretion of the Admissions Committee.
2. The pre-master's programme consists of a selection of courses from the bachelor's programme with an emphasis on those subjects that were absent or lacked depth in the previous education.
3. Students are allowed no more than two attempts to sit the corresponding examination/test per course of the pre-Master's programme. Students who fail to successfully complete a course within these two attempts will not be admitted to the master's programme.
4. In order to complete the pre-Master's programme all study components must be passed with a maximum of one failed course with a minimum grade of 5.0 in the agreed pre-Master's programme within twelve months after enrolling in the pre-Master's programme.
5. Students who have successfully completed the pre-Master's programme can be admitted to the corresponding master's programme.
6. Students who are unable to successfully complete the pre-Master's programme within 12 months are no longer admissible to any of the ET pre-Master's programmes in any following academic years.

ARTICLE 2.3 FOLLOWING MASTER'S COURSES BY NON-MASTER STUDENTS

A student has the right to follow education and/or take examinations relating to the programme, provided the student has satisfied the legal regulations in force. Results of Master courses obtained during or as part of the bachelor programme are listed on the bachelor's degree. Courses from the master programme may only be listed on the master's degree if the courses were passed during the enrolment in the master programme. This complies with the rules regarding the 'bachelor before master'-rule (Article 7.30b WHW).

SECTION 3 CONTENTS OF THE PROGRAMME

ARTICLE 3.1 AIM OF THE PROGRAMME

The Humanitarian Engineering programme aims to prepare engineering students to work in a complex social-technological context defined by social, cultural and economic constraints, and to co-create appropriate technological solutions that address challenges faced by economically constrained communities. The Humanitarian Engineering programme prepares academic professionals who can carry out research, design, organise and manage innovative technologies together with the actors in either unprivileged communities or governmental and non-governmental organisations. The focus within the humanitarian engineering framework is on three domains:

- Humanitarian Aid Engineering;
- Resilience Engineering;
- Responsible and Sustainable Entrepreneurship.

ARTICLE 3.2 PROGRAMME INTENDED LEARNING OUTCOMES

Explanatory notes: Article 7.13 WHW

The qualities relating to the knowledge, understanding and skills that the student should have acquired upon completing the programme are as follows:

1. demonstrate in-depth advanced specialized knowledge and skills in at least one of the domains: I) Humanitarian Aid Engineering, II) Resilience Engineering or III) Responsible and Sustainable Entrepreneurship and is able to independently and critically reflect and argue socio-technological solutions in the domain, also in relation to cross-disciplinary aspects of engineering and relevant academic fields in social science.
2. design and implement engineering solutions with short and medium to long-term perspectives in a diverse and dynamic international, resource-limited context.
3. independently apply scientific engineering and social science research methodologies and develop and apply scientific knowledge and methods for systematically assessing the impact of socio-technological solutions for large and complex societal problems. And is able to identify and acquire lacking expertise and critically reflect on own knowledge, skills and attitude and apply higher level abstract and conceptual thinking and argumentation.
4. demonstrate proficiency in planning, executing, and evaluating scientific research within the field of humanitarian engineering. And effectively communicate and discuss the (scientific) value of socio-technological solutions to a wide variety of stakeholders with a diverse cultural background.
5. creatively use an appropriate structured problem-solving framework and apply on-the-spot methods of problem-conception using data acquisition methods considering ethical aspects related to large and complex societal problems.
6. take a proactive, responsible, and entrepreneurial leader position within an international and interdisciplinary team that works on large and complex societal problems. The graduate is able to independently form, and express opinions based on social, scientific, and ethical considerations within the humanitarian engineering context.

ARTICLE 3.3 INDIVIDUALISED PROGRAMME

The Examination Board decides on the received request of a student for permission to take an individualised programme as referred to in Article 7.3j WHW. The Examination Board assesses whether an individualised programme is appropriate and consistent within the domain of the degree programme and whether the level is meets the intended learning outcomes of the degree programme.

ARTICLE 3.4 STUDY ABROAD

1. The programme wants to stimulate all students to have an international experience during their studies. This can be a graduation project, internship and/or attending a number of regular courses at a university abroad (See Article 4.4 for courses and Article 6.1. for graduation).
2. Studying abroad requires consultation with the Exchange Coordinator and approval of the Programme Director.
3. For graduation abroad the rules in article 6.1 apply.

SECTION 4 STRUCTURE OF THE PROGRAMME

ARTICLE 4.1 STRUCTURE IN GENERAL

1. The programme is fulltime and consists of 120EC (1 EC = 28 study hours). This equals two academic years, each divided into four quartiles.
2. The programme consists of at least (see appendix for full curriculum):

| GENERAL STRUCTURE OF THE MASTER'S PROGRAMME | EC |
|--|------------|
| Compulsory courses | 25 |
| Challenge-based learning projects | 20 |
| Elective courses OR Internship | 30 |
| Master Thesis | 45 |
| Total | 120 |

3. The elective courses give students the possibility to deepen their knowledge in topics of their choice. The courses need to be at MSc level and in case the courses are not taken at the University of Twente, they must be approved by the Examination Board beforehand.

ARTICLE 4.2 COMPOSITION OF THE STUDY PROGRAMME

1. The student composes their study programme; selection of electives, in consultation with the Programme Coordinator. Advice can be provided by the Domain Coordinator.
2. The study programme composition is considered final after it has been approved by the student and the Programme Director. The student hands in the approved study programme to BOZ at the latest at the end of the second quartile.
3. The incorporation of an elective course outside of the provided elective course list requires the approval of the Programme Director.
4. The student can request a change in one or more courses of the approved programme. This can be done by submitting a request to the Programme Director.

ARTICLE 4.3 FOLLOWING TWO UT MASTER PROGRAMMES SIMULTANEOUSLY

1. The master's programme Humanitarian Engineering can be combined with another UT master's programme. The following requirements must be met:
 - a. the student must be admissible to each of the master's programmes;
 - b. the total workload of the double master's degree is at least 180 EC and must consist of a combined master graduation project, of 60 EC; and
 - c. the proposed study programme must be approved by the Examination Boards of both programmes.
 - d. the student must reach the PILOs of each master's programme.

ARTICLE 4.4 INCLUDING INTERNATIONAL COURSES IN THE PROGRAMME

1. The incorporation of international courses or projects into the study programme requires the prior approval of the Examination Board.
2. The motivated request includes the necessary information on the courses and institution, on the basis of which the Examination Board can determine the level and content. A UT teacher who provides a comparable course can be asked for advice. In principle, the international course must have a level equivalent to that of UT master courses.
3. No international courses may be included that substantially overlap with regular UT courses that have already been completed or that still have to be completed.

4. The maximum number of EC for international courses which can be included in the programme is 30 EC. The remaining courses can be listed as 'extracurricular courses' on the diploma supplement, provided that the courses are part of a recognised master's programme. Exceptions are if a student participates in a joint or double degree with an international partner university (see article 4.5). When the student participates in a master's programme which is set up together with a partner university and the education and assessment takes place at the partner university, the programme should be approved and countersigned beforehand as-a-whole by the Examination Board.
5. If needed, BOZ calculates the number of EC by using the Credit Conversion Table of the UT.
6. Where possible, BOZ uses the international names of the courses on the Diploma Supplement.
7. The full graduation project of 40 EC abroad can be included in the programme after approval of the Examination Board and the Programme Director.

ARTICLE 4.5 INTERNSHIP

1. The students are required to either complete an internship or conduct an external master graduation project, to gain practical experience. If more convenient, the internship may be postponed until after the master graduation project, or take place simultaneously, provided that approval is granted by the Examination Board.
2. The internship is set at 15 EC (10.5 nominal study weeks, including the creation of the final deliverable). Its content is determined in advance and depends on the nature, scope, and extent of the project, as well as the necessary residence period.
3. The internship can be started after at least 40 EC of the Master's programme has been completed.
4. It is required that the internship can be carried out within the humanitarian engineering field and as part of a team in a corporate environment, an external research institute, a governmental institution, or an NGO.
5. For internships abroad, the destination country must be classified as either "green" or maximum "yellow" by the Ministry of Foreign Affairs (MoFA: MINBUZA in Dutch abbreviation). Students are responsible to check the travel advice of MINBUZA.
6. At the start of the internship, a UT internship supervisor is assigned to the student. The supervisor is responsible for assessing the internship deliverable and must be in contact with the company supervisor at least once per month during the internship period.
7. If, after the internship has begun, it is determined by the student or the UT internship supervisors that the intended learning outcomes cannot be achieved, the UT internship supervisor must and the student must discuss the consequences. If the cause of an inadequate internship does not lie with the student, appropriate compensation for lost study time will be determined flexibly, with the UT internship supervisor taking the initiative.
8. The responsibility for arranging an internship location and a suitable project is placed on the student. Support is provided by an internship coordinator within the Faculty. The internship coordinator ensures that the application in Mobility Online is completed by the student. The UT internship supervisor is responsible for assessing the content and determining whether the project aligns with the general UT and programme policies, while the internship coordinator provides administrative support.
9. The internship must be registered in Mobility Online. Only after approval from the internship supervisor and correct registration in Mobility Online will the internship be recognized as part of the student's study programme.
10. No financial demands will be made by the programme on the organisation providing the internship.

11. If the internship requires the involvement of individuals through methods such as interviews, focus groups, surveys, or similar activities, students must obtain an approval from the Ethical Committee beforehand.

ARTICLE 5.1 ASSESSMENT IN GENERAL

1. Each course concludes with an examination. The examination consists of one or more tests.
2. A test or examination may take several forms, e.g. a written test, an assignment, an oral test, practical exercises or a combination of the aforementioned. Tests and examinations can be administered online (see Article 5.3).
3. The Programme Director ensures that at least the following details of the courses are published in Osiris not less than four (4) weeks in advance of the start of the course: scope, learning objectives and content, language of tuition and assessment, prerequisites, required and recommended study materials, design of teaching methods and assessment.
4. The possibility of unconditional access to at least one resit of written and oral examinations must be offered for each course in the same academic year. Practical exercises or projects can be completed at least once per academic year. Article 7.2 paragraph 2 applies.
5. Absence during a study period may result in the failing of tests, examinations, projects, or practical exercises. In the event of force majeure (e.g. illness), the student must contact the lecturer and/or study adviser as soon as possible. Should a student fail to appear for an examination for which he registered via Osiris, and from which he failed to withdraw in time, this will be recorded in the Osiris as a failure. This will count as an unsuccessful examination attempt.
6. Information on the practical procedures regarding the conduct of examinations and completing projects is available in the Rules and Regulations of the Examination Board.
7. Prior to an exam the student has the right to inspect model test questions that are representative of the test or examination, as well as their keys and the norm for assessment.
8. The time allocated to administering a test may not exceed three hours. Exceptions in this regard are listed in Article 7.4. If the examiner wishes to use any form of assessment that requires more than three hours, the examiner must, with due regard for article 5.1.3, ask the Examination Board for approval to deviate from the above.

ARTICLE 5.2 EXEMPTION

1. The Examination Board may grant an exemption to students at their request for one or more examinations or tests. To this end, the student should demonstrate having sufficient knowledge and skills in relation to the examination concerned or the test in question.
2. An exemption granted by the Examination Board will be registered in Osiris under the course or courses, or components thereof, by means of an EX (exemption).
3. Students cannot be compelled to take additional courses or components of courses in their curriculum instead of an exemption that has been granted.
4. Students may also be exempted from practical exercises if they can demonstrate that a required practical exercise will likely give rise to challenges related to their ethical or moral beliefs. In such cases, the Examination Board will determine whether the component can be completed in another manner and in what way.
5. A request for an exemption of one or multiple tests or examinations will be judged by the Examination Board on the conditions set out in its Rules and Regulations.

ARTICLE 5.3 ONLINE ASSESSMENT

1. If an examination or test is administered using online surveillance² or online proctoring³, the Examination Board may set further rules and conditions for online (proctored) assessment.
2. Further information and detailed rules on online assessment can be found on the university's website.

² Camera surveillance of the student or students during an unrecorded test, using for example Canvas, Teams, etc.

³ Surveillance of the student or students using special proctoring software, such as Proctorio

ARTICLE 5.4 ORAL EXAMINATIONS

1. If the student or the examiner wishes a third party to be present when administering an oral examination, then a request to this end must be submitted to the Programme Director at least fifteen working days prior to the oral examination. The student and the examiner will be notified of the Programme Director's decision not less than five working days in advance. The Programme Director must inform the Examination Board of the decision. Public graduation symposia, public presentations and group tests are excluded from this provision.
2. If the Examination Board has decided that members of the Examination Board or an observer on behalf of the Examination Board is to be present during the administration of an oral examination, then the Examination Board is to make this known to the examiner and the student at least one working day before the oral examination.

ARTICLE 5.5 ASSESSMENT PLAN

1. The assessment plan of a course is drawn up by the examiner or examiners and is determined by the Programme Director. The Examination Board provides advice on the assessment plan.
2. The assessment plan must be published in Canvas at least two weeks before the start of the quartile.
3. The assessment plan of a course must include:
 - a. how the learning objectives of the course is assessed and when they are attained;
 - b. in which weeks examinations, tests, resits and discussion are held (the precise times and dates will be announced via Time Edit);
 - c. any required minimum grade per test; a minimum grade for a test may not be set higher than 5.5;
 - d. the composition of the final grade (including weighing factors);
 - e. if applicable: information on resits (such as conditions, compensation options and grading periods).
5. The Programme Director may modify the assessment plan during the course:
 - a. The assessment plan may only be changed in consultation with the examiner of the course.
 - b. The Programme Director will consult the Examination Board before any changes to the form or manner of administering an examination or one or more tests. If the change only involves moving tests to a timeslot other than as shown in the timetable, the Programme Director will inform the Examination Board of the decision as soon as possible.
 - c. Students are to be informed immediately of the change via the digital learning environment.
6. Changes to the assessment plan may not put students at an unreasonable disadvantage. The Examination Board may take special measures in individual cases
7. Oral examinations and other examination components not listed in the assessment plan will be held at a time set by the examiner(s) and the student together and, if the student so desires, within a month after the conclusion of the education for the examination unit in question.
8. The examiner may deviate from the published examination method after approval of the Examination Board. The examiner will inform the students of this change immediately.

ARTICLE 5.6 REGISTRATION

1. Registration in Osiris is required prior to participating in a course⁴.
2. Upon registering for the course, the student will automatically be registered for the assessments associated with the teaching period of the course. The student is automatically

⁴ The applicable registration deadlines are mentioned on the webpage <http://www.utwente.nl/en/education/student-services/education/courses-and-modules/>.

de-registered from the resit opportunity if a sufficient grade is obtained for the first test opportunity. In such case, students still have the opportunity to re-register for the resit on their own initiative if they wish to make use of that resit opportunity, despite having obtained a sufficient grade for the first test opportunity.

ARTICLE 5.7 RESULTS

1. Results of examinations, tests or components of tests must be announced to students. Osiris is used for the formal⁵ registration of grades for examinations and in some cases also for tests.
2. Test results are expressed in a grade from 1 to 10 with a single decimal, or as 'pass' / 'fail'.
3. The examination result of a course, as determined by the examiner, is expressed in half grades from 1.0 to 5.0 and from 6.0 to 10.0⁶, or as a 'pass'/'fail'. The grades are only being rounded in the final phase⁷ of the assessment of a course and in accordance with the schedule below:

| If figure before the decimal (n)≠5 | |
|------------------------------------|-----------|
| Grade ≥ n.00 and < n.25 | → n.0 |
| Grade ≥ n.25 and < n.75 | → n.5 |
| Grade ≥ n.75 and < (n+1).00 | → (n+1).0 |
| If figure before the decimal =5: | |
| Grade ≥ 5.00 and < 5.50 | → 5.0 |
| Grade ≥ 5.50 and <6.00 | → 6.0 |

4. Examination results of 6.0 or higher are a pass.
5. Examination results, if a pass, obtained at foreign universities will be registered as a P (pass). Examination results obtained at Dutch universities will be adopted one-to-one, with due regard for the provisions in paragraph 2.
6. If more than one examination or test result has been recorded in Osiris, the highest grade will apply.
7. The examiner is to inform the student of the result of an oral examination within one working day, unless, for the examiner, the oral examination is part of a series of oral examinations of the same course which are administered on more than one working day. In that case, the examiner is to determine and announce the result within one working day following the conclusion of the series of oral examinations.
8. The result of a test is to be disclosed to the student through Osiris within fifteen working days after the test date, with due regard for Article 5.8 paragraph 5.

ARTICLE 5.8 ASSESSMENT DEADLINE, EXAMINATION AND TEST DATE

1. The examination date is the date on which the test is taken with which the student definitively passes the course.
2. The test date is the date on which a written or oral test is taken.
3. If a test assessment is (among other things) dependent on completing one or more assignments or writing a paper or thesis, then the test date will be the deadline of submission of the final component (or the date of the last written or oral test).
4. If a test resit is planned, the results of the first test will be published at least five working days before the resit to give the student time to prepare.
5. Should the examiner not be able to meet the deadline referred to in paragraphs 1 and 4 of this Article, or in paragraph 7 or 8 Article 5.7 due to exceptional circumstances, then the examiner

⁵ In case of any discrepancy between results published in Osiris and results communicated via any medium other than Osiris (e.g. Canvas, email), the results in Osiris will prevail. Article 8.2 still applies

⁶ In Osiris, a comma is used, based on the Dutch grading system (e.g. 7,0).

⁷ Final phase: when all grades are known

is to notify the Examination Board, providing reasons for the delay. The student concerned is to be informed of the delay immediately, and a new deadline for publication of the results will be set and notified to them. If the Examination Board is of the opinion that the examiner has not met the obligations, it may appoint another examiner to ascertain the result of the exam and determine the grade.

ARTICLE 5.9 PERIOD OF VALIDITY OF RESULTS

1. The results of examinations and tests that have been passed remain valid indefinitely. The period of validity of an examination or test that was passed may only be limited if the tested knowledge or understanding is demonstrably outdated or the tested skills are demonstrably outdated.
2. For limiting the period of validity of results of examinations as stated in paragraph 1, the Faculty Board establishes rules on (initiating) the investigation that is necessary to establish if, for an individual student, tested knowledge, insights and skills are outdated, and if so, for limiting the period of validity appropriately. If the period of validity of a result of an examination is limited, at least the rules in Article 7.2 of these regulations and Article 7.10 paragraph 4 WHW are taken into account by the Examination Board when assessing the extension of the limited validity period.

ARTICLE 5.10 RIGHT OF DISCUSSION AND INSPECTION

1. Students are entitled to discuss and review their test together with the examiner, and the examiner is to explain the assessment. This can be done individually or in a group setting, either in person or by using an online tool. The examiner chooses the setting of methods of and tools for discussion.
2. Individual and group discussions must take place no later than five weeks after the publication of the test or examination results, but at least three working days prior to the next test opportunity, in the (online) presence of the examiner or a substitute designated for that purpose.
3. If the examiner organises a group discussion of the assessment, the student must use that opportunity to exercise the right to discussion referred to in paragraph 1. If a student cannot attend the group discussion or if the student is not given the opportunity at the group discussion to discuss the reasons for the examiner's assessment of the test with the examiner, the student may submit a request for individual discussion with the examiner no later than on the first working day following the group discussion. Students are informed about the group discussions and the aforementioned deadline. The individual discussion is to take place no later than three working days prior to the next test opportunity.
4. If there is no group discussion of the test, then a student may submit a request to the examiner for an individual discussion within ten days after publication of the results. The individual discussion is to take place no later than three working days prior to the next test opportunity.
5. Students are to be given the opportunity to inspect their assessed work for a period of twelve months following the date of assessment.
6. The Examination Board may set additional programme-specific rules and conditions regarding the right of discussion and inspection.

ARTICLE 5.11 RETENTION PERIOD FOR TESTS

1. The retention period for test assignments, keys, papers and the assessments of written tests is two calendar years.
2. The retention period for final master's projects is a minimum of seven calendar years.
3. Retention periods are defined in a schedule called the 'Universities and University Medical Centres 2020 Retention and Disposition Schedule'. The University of Twente follows this schedule, which was officially adopted by the Minister for Primary and Secondary Education

and Media on January 27th, 2020. The University of Twente also refers to the retention periods in the Assessment Policy (UT Framework).

ARTICLE 5.12 EXAMINATION BOARD

1. In line with Articles 7.12a and 7.12b WHW:
 - a. the Faculty Board appoints an Examination Board for each educational programme or group of programmes;
 - b. Examination Boards determine the rules and regulations for the examiners, examinations and final examinations without further consultation.
2. The Examination Board makes objective and well-grounded decisions on whether students meet the requirements in terms of their end level and guards the standards for the end level itself.

ARTICLE 5.13 QUALITY ASSURANCE

The quality of education is systematically monitored according to the Plan-Do-Check-Act (PDCA) cycle. The quality assurance system consists of at least the following parts:

1. The organisation of the faculty with all actors who play a role in the management, organisation, development and execution of the study programme. Through a clear division of tasks and responsibilities and mutual coordination, the actors jointly ensure a high-quality study programme.
 - a. The Programme Director is responsible for monitoring the quality of the educational programme.
 - b. The Programme Director is responsible for evaluating the programme.
2. The evaluation system that monitors the quality of the study programme and provides the actors with information on the quality and is therefore aimed at educational development and continuous quality improvement. This will at least include the execution of the following activities on an annual basis:
 - a. The Programme Director writes an annual programme development plan, which is subject to advice from the Programme Committee. Improvement points regarding the study units are made available to students and staff.
 - b. Course evaluations: a course will be comprehensively evaluated at least once every year; if a course does not meet the criteria, it will be evaluated again the next time it is taught to determine whether appropriate measures have been taken.
 - c. Incidental activities: if necessary, further research will be conducted in addition to the aforementioned activities (e.g. research into facilities, time usage studies, exit studies, questionnaires among alumni, etcetera).
 - d. Yearly analysis of the results of the NSE (National Student Survey) and the NAE (National Alumni Survey): Based on the analysis, UT-wide, faculty-specific and/or programme specific improvement actions can be identified.
 - e. Educational professionalisation a. Members of the scientific staff must have a (university) teaching qualification (Basis Kwalificatie Onderwijs) or given the opportunity to acquire/maintain this qualification.
 - f. Performance Reviews: Results of activities stated in the paragraphs above are brought to the attention of chair holders, to allow them to address these issues in their annual performance appraisals with all employees.
3. Improvement points regarding the courses are made available to students and staff.

SECTION 6 FINAL EXAMINATION AND DEGREE

ARTICLE 6.1 FINAL EXAMINATION

Explanatory notes: Article 7.10, paragraph 2 and Article 7.11 WHW

ARTICLE 6.1.1 GENERAL

1. The programme is completed with the master graduation project.
2. The master graduation project is assessed by a graduation committee during a public colloquium.
3. Students who have successfully met all requirements will be awarded with a Master of Science (MSc) degree. The marks of all courses, except the master graduation project, must be handed in at BOZ three weeks before the examination of the master graduation project.
4. The degree conferred is stated on the diploma.

ARTICLE 6.1.2 REQUIREMENTS

1. The master graduation project must be within the one of the humanitarian engineering domains and can be taken at one of the departments of the UT (internally), or at an external organization.
2. In case the master graduation project is completed at the same organization as the internship, the objective and research question of the internship and master graduation project must be different.
3. At least 60 EC courses have been completed by the student, as denoted in the signed registration form. If the entry requirements are not met, the student and the (intended) UT supervisor will be informed. If the master graduation project is to be started without meeting the above-mentioned requirements, an exemption must be requested from the Examination Board.
4. Before the start of the master graduation project, the application should be completed in Mobility Online, indicating the start and end date, and all required agreements must be provided.

ARTICLE 6.1.3 DURATION

1. The duration of the master graduation project corresponds to the applicable study load of 40 EC. 40 EC equals to a work load of 40 hours a week during a period of 28 working weeks (not counting the academic holidays). The student will be monitored on the progress during this period based on the registration in Mobility Online.
 - a. If the time passes the student should ask permission (including a planning) from the Examination Board for an extension. Permission must be requested no later than week 28 of the assignment.
 - b. If the extension is not given the completed work of the master graduation project thus far will be assessed by the graduation committee and in case this is not sufficient the student has to start a new master assignment with a new supervisor.
 - c. If the student fails to meet the extended deadline as agreed upon with the Examination Board, the completed work of the master graduation project thus far will be assessed by the graduation committee and in case this is not sufficient the student has to start a new master graduation project with a new supervisor.
 - d. If it is known prior to the start of the master graduation project that the project will take longer (due to circumstances), the student shall contact the Examination Board directly at the start of the project.
2. At the beginning of the master graduation project, agreements are made between the supervisor and the student on the nature of the assignment, the planned start date of the master assignment, the manner of guidance, and the date on which the final report must be handed in;

3. The agreements made in clause 6.1.3-1 and 2 are recorded in Mobility Online;
4. The graduation report is submitted to supervisor for review at least 4 weeks before the intended graduation date for so-called “greenlight. If the graduation report is insufficient, the supervisor provides feedback based on which the report must be adjusted. A new date is set on which the revised graduation report must be handed in. If necessary, this procedure is repeated.
5. The approved report should be available for the committee at least two weeks in advance of the graduation date.
6. If the graduation committee is of the opinion that the work done by the student is insufficient, the committee may decide, in consultation with the Programme Director, that the student must do another master graduation project. The same applies if the student fails to hand in the reports or hands them in after the agreed upon deadlines.

ARTICLE 6.1.4 GRADUATION COMMITTEE

1. The graduation committee consists of at least three members authorised to conduct examinations:
 - a. Chairman: One of the full professors, or associate professors from the relevant Department is the chairman of the graduation committee. When there is no professor or associate professor available, the Chair of the Department can propose a request to the Examination Board to appoint another member of the academic staff of the Department. The Examination Board can invite a professor from outside the Faculty to function as chairman of the graduation committee.
 - b. One (or more) supervisors
2. Qualifications of members of the graduation committee:
 - a. Academic staff, including PhD's and Postdocs, can be regular members.
 - b. All committee members should be an ‘experienced examiner’, meaning that they have observed at least two Master graduation exams.
 - c. All members should be in active service (i.e. not retired) except for the supervisor who can be a member up to and including 5 years after retirement.
 - d. The chair is responsible for ensuring that all members comprehend the rules of the HE graduation procedure.
3. The appointment requirements for graduation committee members fall under the authority of the Examination Board and are detailed in a separate document. Additional observers of the graduation committee, who have no voting rights, may include:
 - a. Company supervisors, guest(s), being experts on the topic, invited by the chairman.
 - b. Members of the Examination Board and the Programme Director.
4. When a member of the graduation committee is prevented from attending an examination session, he can be replaced by a member who has the authority to conduct examinations. The member that is unavailable should inform the chairman before or at the start of the meeting who will be the replacement. The substitute meets the qualification for members of the graduation committee and has the voting rights of the member he replaces.

ARTICLE 6.2 DIPLOMA

Explanatory notes: Article 7.11 WHW

1. The Examination Board will award a diploma as proof that the student has satisfied all the requirements of the final examination once the institutional board has confirmed that the procedural requirements for awarding the diploma have been met. The date indicated on the diploma (i.e. the date of the final examination) is the date on which the student completed the final course of the degree programme.

2. The diploma will be signed by the chair of the Examination Board. If the chair is absent, one of the members of the Examination Board may also sign the diploma.
3. The following information is to be stated on the diploma:
 - a. the student's name and date of birth;
 - b. the name of the institution and the degree programme as stated in the register referred to in Article 6.3 WHW;
 - c. the date of the final examination;
 - d. the course components of the final examination;
 - e. the degree conferred (in accordance with Article 7.10a WHW);
 - f. where appropriate, the specific qualifications associated with the degree (with due consideration for Article 7.6, paragraph 1 WHW);
 - g. the date on which the programme was last accredited or the date on which the programme passed the new programme assessment (Article 5a.11 WHW).
4. An International Diploma Supplement is to be appended to the diploma. This supplement is intended to provide insight into the nature and content of the degree programme to promote the international recognition of the programme, among other aspects. The diploma supplement is to include the following information at a minimum:
 - a. the name of the programme and the name of the university;
 - b. that the programme was offered at an institution for academic education;
 - c. a description of the programme content; an indication of any specialisation, if applicable;
 - d. the study load of the programme;
 - e. the final examination components and results, based on the registration of grades in Osiris;
 - f. examinations passed by the student that are not part of the final examination;
 - g. if the student has successfully completed an honours programme while on the master's programme, then this fact will be stated on the diploma supplement as an extracurricular programme;
 - h. the student's average grade, weighted by credits (Grade Point Average, GPA). The diploma supplement indicates how the average grade is calculated.
5. The Programme Director determines if a special distinction (such as cum laude) is applicable to the degree programme, and determines the requirements to qualify for a special distinction (see Article 6.3). Awarding the diploma and (the consideration for) awarding a distinction such as cum laude lies with the Examination Board⁸. If the Examination Board has awarded a specific distinction (e.g. cum laude) to the student, then this is to be mentioned on the diploma.
6. Students who have successfully completed more than one examination but cannot be awarded a diploma as referred to in paragraph 1, will receive, at their own request, from the Student Services Desk a statement prepared by or on behalf of the Examination Board which in any case will state the results of the examinations the student in question has passed.

ARTICLE 6.3 CUM LAUDE

1. When students have demonstrated exceptional competence and ability in their master programme, this can be stated on the diploma with the words 'Cum Laude'.
2. The Examination Board awards this judicium when a student meets each of the following conditions:
 - a. The unweighted average mark of all courses, exclusive of the master assignment, must be at least: 8.0 (not counting extra courses);
 - b. The assessments of all examinations of the master's courses, including extra courses, are satisfactory ('EX', 'P' or a grade higher than or equal to 6.0);

⁸ Personal circumstances are taken into account. If it considers activism, an acknowledged fulltime board year is excluded from the calculation of the nominal study load for cum laude.

- c. The final grade for the master graduation project is at least 8.5;
 - d. Exemptions were granted for no more than a third of the total master's programme;
 - e. All study units that belong to the exam programme of the student should be completed within 2.5 years counted from the first date of enrolment; when a student is completing two UT Master programme simultaneously this should be completed within 3.5 years counted from the first date of enrolment;
 - f. No formal record of academic misconduct is documented in the students' file.
3. If these guidelines are not fully met, the chairman of the graduation committee can submit a substantiated proposal to the Examination Board to award the designation 'Cum Laude'. In that case, the special circumstances and the exceptionality of the achievement must be properly substantiated.

SECTION 7 STUDENT GUIDANCE AND FACILITIES

Explanatory notes: Article 7.13 paragraph 2u and Article 7.59 WHW, article 7.13 paragraph 2m WHW and article 2 of the Equal Treatment of Disabled and Chronically Ill People Act (WGBH/CZ).

ARTICLE 7.1 STUDENT GUIDANCE

1. The Faculty Board is responsible for student guidance.
2. Student support and guidance includes 'decentralized' guidance, as provided within degree programmes, and 'central' guidance, as provided by the Centre for Educational Support.
3. Student guidance includes guidance with questions or problems with regard to career orientation and career choices and guidance with problems that affect study progress. Students are offered personal and professional student (career) guidance for optimal study progress. Where possible, needs for specific guidance are met.
4. Each student is assigned a study adviser.
5. The study adviser supervises students and advises them on all aspects of the studies, also on personal circumstances that may be affecting the student's studies.
6. A systematic method on how students are monitored and obstacles in study progress are signalled is documented by the programme (for example in a policy plan or an annual cycle).
7. Information about the guidance facilities of the degree programme is in any case available on the website of the degree programme.

ARTICLE 7.2 SPECIAL FACILITIES

1. If students wish to exercise their right to specific supervision or special facilities, they should contact the study adviser. The study adviser will record the agreements made with the student in Osiris.
2. A student is entitled to special facilities in case of demonstrable circumstances beyond the student's control or extenuating personal circumstances. The facility may provide for dispensation from or an additional opportunity to sit examinations or tests to be granted and/or for specific facilities to be made available. Such dispensation and additional resits may only be granted by the Examination Board.
3. Personal circumstances include illness, physical, sensory or other functional disability or pregnancy of the student involved, extenuating family circumstances, participation in top-level sports or arts and membership of the University Council, Faculty Council, Programme Committee or a Category 3 or 4 board (student activism) in accordance with the FOBOS Regulations.
4. Students may file a request (supported by documentary evidence) for assessment of their personal circumstances to the Personal Circumstances Committee (CPO). This request is to be filed in consultation with the study adviser. The CPO will assess the validity, nature, severity and duration of the personal circumstances and will issue an advisory opinion on these matters. The CPO's advisory opinion, issued to the Programme Director and the study adviser concerned, will be taken into account in the Programme Director's decision-making referred to in paragraph 3.

ARTICLE 7.3 STUDYING WITH A FUNCTIONAL IMPAIRMENT

1. A functional impairment is defined as having an illness, condition, impairment or handicap that might impede or otherwise constitute a barrier to the student's academic progress.
2. Facilities are to be aimed at removing individual barriers in following the degree programme and/or when it comes to taking examinations and tests. These facilities may be related to access to infrastructure (buildings, classrooms and teaching facilities) and study materials,

adjustments to the form of assessment, alternative learning pathways or a customised study plan.

ARTICLE 7.4 REQUEST FOR FACILITIES

1. The study adviser and the student concerned will discuss the most effective facilities that can be provided for the student.
2. Based on the discussion referred to in paragraph 1, the student is to submit a request for facilities. This request should be submitted to the study adviser, who has been mandated by the Faculty Board, preferably three months before the student is to participate in classes, examinations and tests for which the facilities are required.
3. The request should be supported by documents that are needed to enable an assessment to be made.
4. The study adviser will decide on the admissibility of the request and will inform the student of the decision within twenty working days after receipt of the request or sooner if the urgency of the request dictates.
 - a. Should the request be granted, the period of validity will also be indicated.
 - b. If the request is not granted, or only partly granted, the study adviser will inform the student of the justification for not granting the request as well as the possibilities for filing an objection and an appeal with the Complaints Desk.
 - c. Students who are dyslexic will be granted a maximum of 15 extra minutes for each hour that a test or examination is officially scheduled.
5. The study adviser shall inform the relevant parties in good time about the facilities that have been granted.
6. The applicant and the study adviser will evaluate the facilities before the end of the period for which they have been granted. During this evaluation, the parties discuss the effectiveness of the facilities provided and whether they should be continued. No evaluation takes place of facilities granted to students because of the functional impairment dyslexia.

SECTION 8 FINAL PROVISIONS

ARTICLE 8.1 CONFLICTS OF THE REGULATIONS

If other additional regulations and/or provisions pertaining to education and/or examinations conflict with this EER, the provisions in this EER will prevail.

ARTICLE 8.2 ADMINISTRATIVE ERRORS

If, following the publication of a result, a marks sheet, or a student's progress report a manifest error is discovered, the discoverer, be it the university or the student, is required to make this known to the other party immediately upon finding the error and to cooperate in rectifying the error.

ARTICLE 8.3 AMENDMENTS TO THE REGULATIONS

1. Substantive amendments to these Regulations are enacted by the Faculty Board in a separate decision.
2. In principle, substantive amendments to these Regulations do not apply to the current academic year. Amendments to these Regulations may apply to the current academic year if the interests of the students are not prejudiced within reasonable bounds, or in situations of force majeure.
3. Amendments to these Regulations have no effect on earlier decisions by the Examination Board.

ARTICLE 8.4 TRANSITIONAL ARRANGEMENTS

1. In the case of amendment of these education and examination regulations, the Faculty Board will adopt a transitional arrangement, as necessary.
2. The transitional arrangement is to be published on the degree programme's website.
3. Changes to the curriculum are to be announced prior to the academic year in which the changes take effect. No guarantee can be made that all programme courses that were part of the curriculum when students enrolled in a programme will continue to be part of the curriculum. The final master's examination is to be based on the curriculum most recently adopted by the Faculty Board.
4. The transitional arrangement will always include:
 - a. agreements or rules on following the courses which are equivalent to the courses mentioned in the Appendix of this document that will no longer part of the curriculum;
 - b. an indication that if a course that does not involve a practical exercise is dropped from the curriculum, then students are to have at least two opportunities in the following academic year to take a written or oral test or examination or to undergo another form of assessment;
 - c. an indication that if a course with practical exercises is dropped from the curriculum and there is no opportunity in the subsequent academic year to complete the practical exercises concerned, then at least one course will be designated that may be completed as a substitute for the course that has been dropped;
 - d. the period of validity of the transitional arrangement.
5. The transitional arrangement must be approved by the Examination Board.
6. In exceptional cases and to the student's benefit, the Examination Board may deviate from the prescribed number of opportunities to sit examinations and/or tests related to courses that have been dropped from the curriculum.

ARTICLE 8.5 ASSESSMENT OF THE EDUCATION AND EXAMINATION REGULATIONS

1. The Faculty Board is responsible for the regular assessment of the education and examination regulations, with specific emphasis on the study load.

2. Based on Article 9.18 WHW, the Programme Committee has a partial right of consent of and a partial right to be consulted on parts of the education and examination regulations.
3. The Programme Committee is responsible for the annual assessment of the manner in which the education and examination regulations are implemented.

ARTICLE 8.6 APPEAL AND OBJECTIONS

An appeal and objections must be submitted in writing to the [University of Twente Complaints Desk](#) within six weeks after notification of a decision to the student.

ARTICLE 8.7 HARDSHIP CLAUSE

In cases of demonstrable unreasonableness and unfairness of a predominant nature, the Examination Board, the Faculty Board or the Programme Director may deviate from its stipulations, provided that doing so does not negatively affect the student. This depends on which body is authorised or has the duty according to these Regulations to take a decision on or make an exception to a provision in these Regulations. This decision must be motivated and announced in writing to the student, the Examination Board, the Faculty Board, the Programme Director or the Office of Educational Affairs (BOZ).

ARTICLE 8.8 PUBLICATION

The education and examination regulations and the Examination Board's rules and regulations are to be published on the degree programme's website.

ARTICLE 8.9 ENTRY INTO FORCE

These Regulations enter into force on 1 September 2025 and replace the Regulations dated 1 September 2024. Adopted by the Faculty Board, having regard to Article 9.5, 9.15 paragraph 1a, 7.13 paragraph 1 and 2, 9.38b, 9.18 paragraph 1a and 7.59 WHW, and after approval by the faculty council.

APPENDIX A: CURRICULUM INFORMATION

Table 1: Description of the courses

Year 1

| QUARTILE 1 | | | |
|-------------|---|----|-------------|
| OSIRIS Code | Course Name | EC | Course Link |
| 202300338 | Introduction to Humanitarian Engineering | 5 | |
| 202500097 | Ethics & Science in Humanitarian Engineering | 5 | |
| 202500096 | CBL project: Introduction to Humanitarian Engineering | 5 | |

| QUARTILE 2 | | | |
|-------------|-------------------------------|----|-------------|
| OSIRIS Code | Course Name | EC | Course Link |
| 202500098 | Humanitarian Aid | 5 | |
| 202500099 | CBL project: Humanitarian Aid | 5 | |
| | Elective space | 5 | |

| QUARTILE 3 | | | |
|-------------|-------------------------------------|----|-------------|
| OSIRIS Code | Course Name | EC | Course Link |
| 202500100 | Resilience Engineering | 5 | |
| 202500101 | CBL project: Resilience Engineering | 5 | |
| | Elective space | 5 | |

| QUARTILE 4 | | | |
|-------------|---|----|-------------|
| OSIRIS Code | Course Name | EC | Course Link |
| 202500102 | Responsible and Sustainable Entrepreneurship | 5 | |
| 202500103 | CBL project: Responsible and Sustainable Entrepreneurship | 5 | |
| | Elective space | 5 | |

Year 2

In the second year, students can choose to complete an internship to gain more work experience, enhance their knowledge by taking three elective courses tailored to their interests and needs, or combine one elective course with the transdisciplinary Master Insert. If a student chooses not to complete an internship, they must undertake an external master graduation project.

| OSIRIS Code | Course Name | EC | Course Link |
|-------------|---------------------------|----|-------------|
| | Internship | 15 | |
| | Master graduation project | 45 | |

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