

***Rules and Guidelines
Examination Board
Biomedical Engineering
(art. 7.12 WHW)***

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Preamble

1. These rules apply to the full-time master's program in Biomedical Engineering (Croho number 66226).
2. In case of conflict, the Dutch version and not the English version of these rules shall determine the law.
3. By law here refers to the Dutch Higher Education and Research Act (WHW).

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Definitions

For the purpose of overview and in addition to the definitions in article 1 of the general part of the program section of the Student Charter including the Education and Examination Regulations of de Bachelor Programs of the S&T faculty, in these Rules of the Examination Board the following definitions are used:

- Examination Board:** The body that establishes objectively and expertly whether a student meets the criteria set in the education and examination regulations regarding knowledge, insight and skills needed for obtaining a degree ([article 7.12 WHW](#));
- Examiner:** The individual who has been appointed by the examination board in accordance with [article 7.12c WHW](#) to hold exams and determine their results;
- Study Unit:** A component of the programme as described in [article 7.3 leden 2 en 3 WHW](#). Every study unit concludes with an examination. An examination can consist of multiple exams;
- Examination:** An evaluation of the knowledge, insight and/or skills of the student, as well as the assessment of the results of this evaluation, as a closure of a study unit. ([article 7.10 WHW](#));
- Exam:** An evaluation of the knowledge, understanding and skills of the student, as well as the assessment of the results of this evaluation. A exam is a part of an examination. If the examination for a study unit consists of a single exam then the result of that exam will count as the result of the examination;;
- WHW:** The Higher Education and Research Act (WHW), in the Dutch Bulletin of Acts and Decrees 1992, number 593, and as amended since.

Article 1 Examination Board

According to [article 7.12a en 7.12b WHW](#):

a), the Faculty Board appoints an examination board for each programme or group of programmes;
b) Examination boards themselves shall establish rules and guidelines for examiners, examinations and exams, without further consultation.

4. The Examination Board elects a chair and vice-chair from among its members.
5. The Examination Board may be assisted by staff members involved in the programme, such as programme director, programme coordinator, module coordinators, study advisor and official secretary. They have an advisory role in the meetings.
6. The Examination Board may ask the study advisors for advice on decisions to be taken that affect individual students; In addition, the information given about students will be considered confidential.
7. The Examination Board may, insofar as the law or these regulations do not preclude this, decide to delegate certain powers to the chair or vice-chair of the Examination Board, possibly with restrictive preconditions.
8. The registrar acts as a minute-taker in the meetings of the Examination Board.
9. The meetings of the Examination Board are non-public.
10. The decisions of the Examination Board and the results of votes held are recorded in the report of the meeting.

For more information about the composition and powers of the Examination Board, see:

- [Article 7.12 Wet op het hoger onderwijs en wetenschappelijk onderzoek - examencommissie](#)
- [Algemene Master OER TNW \(NL\)](#)
- [General Section Master EER S&T \(ENG\)](#)
- [M-EER Biomedical Engineering 2024-2025](#)
- [Huishoudelijk reglement \(HHR\) van de examencommissie BMT/BME - website examencommissie.](#)

Article 2 Examiners

1. For each academic year, the Examination Board appoints examiners for each study unit to conduct examinations and exams and to determine the results thereof ([WHW, art. 7.12c](#)).
2. At least one responsible examiner shall be appointed for each study unit.
3. In the case of multiple examiners per study unit, the Examination Board will appoint one of them as the responsible examiner.

4. The examiner is responsible for the result of the module components for which they have been assigned. If a module consists of one study unit, the examiner of that study unit is also the module examiner.
5. For the purpose of the quality of the examinations and exams, the Examination Board uses the following criteria when appointing the examiners:
 - a. The role of examiner is limited to the educational unit in which the examiner is recognised as an expert.
 - b. The level of education of an examiner is at least one level higher than the level of education of the study unit for which the person concerned has been appointed as examiner .
 - c. The examiner has sufficient educational qualifications, especially in the field of assessment. At a minimum, an examiner is expected to have a Basic Teaching Qualification, to be working on it or to be exempt from it. See further [Profile for examiner – University of Twente](#)
6. The examiners provide the Examination Board with the information requested for the purposes of the work of the Examination Board.

Article 3 Preparation and format of exams and the method of assessment

1. Before an examiner conducts a written exam, at least one other knowledgeable teacher assesses whether the proposed exam is sufficiently representative, whether the questions are unambiguous and whether the level of difficulty is appropriate to that of the teaching given.
2. The description in the course information system and the module manual stipulate the method of examination.
3. At the student's request, the Examination Board may allow an exam to be taken in a manner other than that stipulated in paragraph 2 of this article.
4. The appointed examiner may deviate from the provisions of paragraph 2 of this article in favour of the student.
5. If the designated examiner does not conduct the exam in the usual way, i.e. other than both online or offline on campus, the examiner will be asked to submit the deviating form of examination to the Examination Board for approval.

Article 4 Written and oral exams

1. The examiner of the study unit has the free choice of taking an exam in public or in private, with the exception of the Master's assignment, which is always public. When the exam is announced, the examiner will indicate whether it will be held open or closed.
2. A written exam takes a maximum of 3 hours and an oral exam a maximum of 1.5 hours. For students with a disability, this can be deviated from in accordance with [article 7 of the General Applied Sciences EER](#) and article [3 of the student charter - website](#)
3. The assessment of a written exam takes place on the basis of predetermined standards for the various assignments or parts of the assignments of the exam. The maximum number of points to be obtained per assignment in a written exam is announced to the students by stating this in the exam assignments.
4. The examiner cannot take more than one student oral examination at a time. An exception to this are examinations or exams that are used to assess group work.
 - If the student or examiner wishes to have a third party present when an oral exam is administered, this must be requested from the Director of Studies no later than 15 working days before the oral exam. The decision of the Director of Studies will be announced to the student and examiner no later than 5 working days before the oral exam. The Director of Studies must inform the Examination Board about this. Public graduation colloquia, public presentations and group exams are exempted from this provision.
 - If the Examination Board has determined that members of the Examination Board or an observer on behalf of the Examination Board will be present at the oral exam, this will be announced by the Examination Board and the student at least one working day before the exam. (Article 3.7 General S&T EER).

5. An oral exam is taken under the four-eyes principle. This can be done from a teacher's perspective through the presence of a colleague or through a recording of the exam. From a student's perspective, this can be done by having a maximum of one other person present or by means of a recording of the exam.
6. During a review of a written exam, a student may take notes for the purpose of the learning process. Photography is only allowed with the explicit permission of the examiner.

Article 5 Proper conduct during exams

1. In principle, a written exam is administered by the responsible examiner. To provide support, the responsible examiner can have one or more invigilators appointed by the examination office to ensure that the examination or exam session is conducted in good order.
If the responsible examiner is unable to be present during the examination or exam to be administered, the responsible examiner must be available by telephone. ([see also University of Twente Exam Office](#))
2. Invigilators report to the responsible examiner at the end of the exam by means of the report form. The transcript will be sent by the examination office to the responsible examiner. In the event of irregularities, the examiner will inform the examination committee.
3. Students who have registered for the exam in question are entitled to take a written exam. Students who have not registered can be excluded from participation by the invigilator on site.
4. During an exam, the student must be able to identify themselves (ID card/driver's license) and show proof of enrollment (student card) if requested.
5. During an examination or exam session, all electronic equipment must be switched off, with the exception of the equipment and applications for which the examiner has given explicit permission to be used.
6. At the start of the examination or exam, the student must state their name and student number on all examination or exam work.

Article 6 Fraud

The Examination Board of BME has decided to adopt the fraud rules mentioned in the Student Charter and in the guidelines of the University of Twente. The rules have been supplemented by program-specific regulations. The complemented text is shown in italics below.

For more information, see:

- a. [Studenten Charter - website](#)
- b. [Fraude – University of Twente](#)
- c. [Fraud / Generative AI \(CHATGPT\)](#)
- d. Appendix 1: [Sanctieladder 2024-2025](#)

1. **Cheating includes:**
 - a. The use during an exam or examination of (any form of) aids or devices (electronic or technological) that is prohibited by the examiner before the start of the study unit and/or the examination or exam, or of which the student knew or should have known that it was prohibited;
 - b. Conduct of students that the examiner has designated as misconduct before the start of the study unit and/or the examination or exam, or of which the student knew or should have known that it was prohibited. Specifically, this includes (but is not limited to):
 - i. Obtaining copies of an exam or examination before that exam or examination has taken place. Also:
 1. Using cheat sheets;
 2. Be in possession of cheat sheets;
 3. Copying the work of others during the examination or exam;
 4. Letting others copy your work during the examination or exam;
 5. Sending or receiving (SMS) messages.
 - c. Communicating about the content of the exam or examination with persons other than the examiners/invigilators during the exam or examination while that exam or examination is in progress (including by means of electronic devices);
 - d. Pretending to be another person during an examination or exam, or having someone else pretend to be you;
2. **Plagiarism (using someone else's work or your own work without proper citation) includes, but is not limited to:**

- a. Using (parts of) other people's work (original terms, ideas, results or conclusions, illustrations, prototypes) and presenting it as one's own work; if parts of another text (printed or digital) are used without attribution (and even if minor changes are made), this is plagiarism;
 - b. Using visual or audio material, exam results, designs, software and program codes without acknowledging the source and presenting it as your own work;
 - c. The use of verbatim quotations without acknowledging the source or clearly indicating the source (e.g. by quotation marks, indentation, leaving white space) and thereby creating the false impression that (part of) these quotations are your own original work;
 - d. Quoting literature that one has not read oneself (e.g. by using references from other people's work);
 - e. Using texts that have been written in collaboration with others without explicitly stating this;
 - f. 'Free-riding'; i.e. not making an equal contribution to a group assignment;
- 3. Fraud includes, but is not limited to:**
- a. Submitting work that has already been published elsewhere in whole or in part (e.g., work from other courses or educational programs), without reference to the original work;
 - b. Manipulating research data in (group) assignments;
 - c. Falsifying data (e.g. by filling out questionnaires or answering interview questions);
- 4. Unlawful/unlawful acts;**
- a. *Unlawful/illegal action is the performance or omission of an action that causes damage to another in violation of the law or social norms.*
- 5. Forgery;**
- a. *The law speaks of forgery if someone makes or falsifies a document intended to serve as evidence of any fact, with the intention of using it as genuine and unadulterated or having it used by others.*
- 6. All other forms of academic misconduct other than those mentioned in paragraphs 1 to 5, to be determined by the examination board.**
- 7. The provisions in the previous section apply to all types of examinations and exams or parts thereof.**
- 8. The examination board must always be informed of any potential case of fraud by the examiner and/or the programme. The examination board is then authorised to take appropriate measures once they have heard from all parties involved. The [procedure](#) regarding reporting plagiarism is described on the website of the examination board.**
- 9. Appendix 1 contains sanctions that the Examination Board can impose after fraud or plagiarism has been established. The sanctions mentioned serve as an indication and the Examination Board is not limited to the mentioned sanctions. No rights can be derived from the examples mentioned in the sanction ladder.**
- 10. Informing Third Parties**
*In principle, all information regarding sanctions applied to a student due to fraud remains with the examination board and will only be shared with the course that the student is enrolled in, if necessary. There is an exception to this rule:
 In the case that an examination board places sanctions on a student that is not enrolled in the relevant course or in the S&T faculty, the examination board of the course or faculty where the student is enrolled will be notified of the sanctions and the reasons for them. The student will be notified of this information exchange.*

Article 7 Guidelines in the event of an emergency during assessment

1. There is a calamity if an exam or part of the exam is interrupted or terminated prematurely due to:
 - a. Fire alarm: In the event of a fire alarm, the examiner, invigilators and students (all those present) must always leave the building immediately. The exam is terminated from that moment on. All exam materials must remain in the classroom. Attendees must leave the exam room immediately by order of the responsible authority or invigilator.
 - b. Technical failure: electricity, network, internet, etc. In the event of a technical malfunction, the examiner will decide whether to terminate the exam or not. This is done in consultation with the ICT department if it concerns a digital exam.
 - c. Other emergencies during an exam: In the event of other emergencies during an exam, such as an invigilator or student becoming unwell, noise nuisance, flooding, heat or cold nuisance, the examiner may decide that the exam will be terminated.
2. The Examination Board will be informed by the lecturer within one working day of the calamity referred to in paragraph 1.

3. If calamities occur or threaten to occur during or shortly before an educational activity in which an assessment element is present, this will be postponed with immediate effect. In consultation with the programme management and the timetable team, the responsible examiner will determine a new lecture or practical time. The programme management will inform the Examination Board of the changes in the (exam) schedule before the next meeting.
4. The new assessment date, which must take place within one month (not including the holiday months), is binding. This will be announced within three working days after the building has been released via the usual media.
5. The new time of the lecture or practical will be announced within three working days after the aborted examination via the usual media.
6. The examiner is responsible for handling an exam that has been interrupted or postponed due to an emergency or an imminent calamity. It is important that the Examination Board is informed of the changes compared to the original exam schedule.
7. If an exam has not been fully completed due to an emergency, the Examination Board may determine that the examiner determines an exam result on the basis of the (partially) completed assignments. This is only possible if the students have already had the opportunity to start the exam.
8. If the Examination Board decides that the examiner cannot determine an exam result on the basis of paragraph 7, an extra exam opportunity will be organised for the affected students within one month (not including holiday months) after the exam has been interrupted due to a calamity.

Article 8 Determination and announcement of the results of examinations

1. The examination result of a course is determined by the responsible examiner and, if applicable, determined in consultation with the other examiners of the course. The examination result of a course unit is determined by the examiner.
2. Results of examinations, exams or partial results of exams must be announced to students, in any case via Osiris or via, for example, the Grade Centre of Canvas.
3. Exam results are expressed in a number from 1 to 10, with one decimal place, or in a 'pass/fail'.
4. The examination result of a study unit, as determined by the examiner, is expressed in half grades from 1.0 to 5.0 and from 6.0 to 10.0 inclusive, where:
 - a. Rounding off is only done in the final phase of the assessment of an educational unit.
 - b. A 5.5 is not a valid exam result for a study unit;
 - c. The rounding of grades is done according to the schedule below:

As decimal point=5:	
Grades $\geq 5,00$ and $< 5,50$	$\Rightarrow 5,0$
Grades $\geq 5,50$ and $< 6,00$	$\Rightarrow 6,0$
before n#5	
Grades $\geq n,00$ and $< n,25$	$\Rightarrow n,0$
Grades $\geq n,25$ and $< n,75$	$\Rightarrow n,5$
Grades $\geq n,75$ and $< (n+1),00$	$\Rightarrow (n+1),0$

5. On the transcript and in the student information system, an exemption for an educational unit is indicated with 'EX', a failing grade with an 'F' (Fail) and a 'P' (Pass) with a pass.
6. Exam results, if satisfactory, obtained at foreign universities are registered with a P (pass). Examination results obtained at Dutch universities are copied one-on-one with due observance of the provisions of paragraph 4 of this article.
7. In the case of a study unit with a satisfactory degree of completion, the ECs of that study unit are awarded. No ECs will be awarded for courses that have not been completed sufficiently.
8. If a study unit is assessed by more than one examiner, the examiner with final responsibility will ensure that this is done according to the same assessment criteria.

9. In accordance with [the general part of the Master EER S&T](#) section of the Education and Examination Regulations of the Master's programmes of the Faculty of Applied Sciences, the highest assessment applies if a student has obtained several valid assessments for the same study unit or exam.
10. If an examination is held using several exams spread over time, the results of these components will be recorded by the examiner in their own administration. The results will be announced by the examiner to the students concerned, taking into account the student's privacy.

Article 9 Free program

1. Diverging from the provisions outlined in [article 8 of the studtprogramme supplement](#), the student is granted access to take the master's examination on the basis of a package of examination components proposed by the student themselves (a free master's programme according to [WHW art. 7.3j](#), see also [article 16](#) of the training annex). To this end, the student must submit a request for approval of the package to the Examination Board in advance. In any case, the following conditions apply:
 - a. The overall study load must amount to at least 120 ECs.
 - b. The proposed final master's assignment's nominal study load must amount to at least 45 ECs.
 - c. The student discusses the proposed free program in advance with the study adviser and submits it to the examination board together with a justification. The examination board in turn checks the level, coherence and relevance of the suggested subjects with regard to the learning outcomes of the programme.

Article 10 MSc Exam Results

1. The result can be: passed or fail. If the student has failed, the Examination Board is authorised to grant him/her the right to be re-examined in one or more parts within a set period of time.
2. The student has passed the master's exam if all of the following conditions ([WHW art.7.10 paragraph 2](#)) are met:
 - a. All study units have been assessed with a pass.
3. The student has passed the master's examination of a programme composed by the student themselves (in accordance with article 9 of these rules) if he meets all of the following conditions:
 - a. All study units have been assessed with a pass.
4. The Examination Board determines on which day the examination results of the Master's exam are dated. The provisions of [Article 5.2, paragraphs 2 and 5](#) of the General part of the course part of the student charter, including the teaching and examination regulations of the Master's programmes of the Faculty of S&T, applicable. As a rule, this is the day of the graduation colloquium.
5. For the validity period of completed examinations, the Examination Board follows the [general master EER article 4.8](#) which states that: The validity period of a successfully passed examination is unlimited. The period of validity of a successfully passed examination can only be limited if the examined knowledge or insight is demonstrably outdated, or if the examined skills are demonstrably outdated. The examination board of BME adds that in cases where results are available for more than 6 years, there is a mandatory content check for outdated understanding or knowledge.
6. If desired, the student can submit a written request, including justification, to the examination board not to proceed with recording an exam as passed and therefore to not yet proceed with the award of the certificate ([WHW art.7.11 paragraph 3](#)). In this request, the student must indicate the duration of the postponement they require. The request for postponement must be submitted to the examination board no later than 4 weeks before the result is determined.

Article 11 Exceptional competence

1. When the master's degree is awarded, the Examination Board can award [the certificate 'with honours'](#). The Examination Board assesses the results achieved in and the duration of the entire Master's programme, whereby the minimum conditions to be eligible for the award 'with honours' are:
 - a. The grade for the master's assignment/average grade for the components of the master's assignment is 9.0 or higher;
 - b. The unweighted average¹ of all courses, including internship and excluding master's assignment, is 8.0 or higher.

¹ The weighted average is stated in Osiris SVO, but this is not assumed in the selection for laude.

Article 12 Procedure for choosing a course list

1. In consultation with the professor, associate professor or assistant professor (with UTQ registration or exemption for this and 6 times participation in BME graduation committee) of the chair where the student wants to graduate, a course package is put together ('course list'). The course package requires the approval of this professor, associate professor or assistant professor and the Examination Board.
 - a. If one or more Master's courses required for the track have already been passed during a Bachelor's programme other than BMT, the Examination Board may grant an exemption from the obligation to take the course. Instead of the compulsory course(s) for the track, one or more courses must be chosen from the track-specific electives (i.e. these are the blue courses; the website states pre-structured group of elective courses).
 - b. BME Master's courses that are taken during or as part of the Bachelor's programme are listed on the Bachelor's degree. Educational units from the BME Master's programme may only be mentioned on the Master's degree if the teaching units were obtained during enrolment for the Master's programme. This is in accordance with the rules regarding the 'bachelor before master' rule. A certain number of ECs can only be awarded once for a teaching unit.
 - c. If a UT Bachelor's student follows a BME course unit that belongs to the UT Master's programme where the student wants to enrol after the Bachelor's degree, the Examination Board of the relevant Master's programme will determine which alternative course unit the student can follow instead. If the Examination Board of the Master's programme cannot offer an alternative, the student has the option of proposing an alternative course unit that must be approved by the Examination Board of the Master's programme.
2. This course list will be submitted to the Examination Board for approval as soon as possible, but no later than the end of the quartile in which the master's programme started.
3. If a Capita Selecta is chosen, the content requires approval from the Examination Board:
 - a. The student must submit the [Capita Selecta](#) form from Canvas with the application.
 - b. It is allowed to submit the course list earlier, and to specify the Capita Selecta later. However, the student will need content approval before starting the Capita Selecta.
 - c. In the Capita Selecta, the student may be supervised by a professor/associate professor or assistant professor.
 - d. In addition to the form to be completed, the student must also provide a substantiation showing that the Capita Selecta is sufficiently different from the previously taken courses and is separate from the Master's assignment.
4. Explicit permission from the Examination Board is required [for the inclusion of courses that are not part of the regular BME curriculum \(see programme appendix article 8 and/or website\)](#) in the course list. The application for courses that are not part of the regular BME curriculum includes the course description, the learning objectives and a motivation of the student about the added value for taking up the courses in question. This also applies to courses at foreign universities.
5. If you choose to take courses at other universities, both in the Netherlands and abroad, these courses can only be included in the electives if there is no or only minor overlap with courses that are part of the BME curriculum. There is also a maximum of 15 EC for the inclusion of these courses on the course list (or diploma supplement).
 - a. extra courses are allowed, but these do not count towards the 60 EC of courses. These will be mentioned separately on the transcript.
6. If, on second thought, a student wishes to make changes to the course package and/or graduation specialization, a new courselist must be submitted to the Examination Board for approval in advance. This request for amendment must be accompanied by a brief explanation.
7. The student will be informed in writing of whether or not the course list has been approved by the official secretary of the Examination Board, if possible two weeks after receipt of the course list, not including the holidays mentioned in the timetables.

Article 13 Procedure for internship

1. For the entire procedure surrounding the internship, students are referred to the Canvas page 'Internships Applied Sciences' and the internship policy of the BME programme.
2. All internships are coordinated by the Internship Office Applied Sciences. The student must register his or her internship in Mobility Online before the start of the internship.

3. In principle, the internship is carried out externally (outside the UT). In view of the different nature and objectives of the master's assignment and the internship, it is important that the two differ sufficiently in terms of content.
4. The content of the internship assignment is approved in advance by a professor, associate professor, assistant professor, postdoc or equivalent involved in the BME programme. He/she also acts as a supervisor from the UT.
5. The internship supervisor from the UT gives approval for the start of the internship. If the UT internship supervisor has any doubts about the suitability of the internship assignment, the student must submit the assignment to the BME Examination Board for approval.
6. The internship assignment will be assessed by a professor, associate professor, assistant professor, postdoc or similar involved in the BME programme in consultation with the supervisor on site by means of the internship assessment form.

Article 14 Procedure for the final master's assignment and graduation

1. In principle, the master's assignment is carried out within one of the BME departments at the UT. In special cases, it is possible to carry out the master's assignment externally (outside the UT), provided that the assignment falls under the responsibility of one of the professors or associate professors involved in the BME programme. There must also be an existing collaboration between the UT department and the external organisation, or there must be an intention to set up a collaboration. The supervision must also be sufficiently safeguarded. In view of the different nature and objectives of the master's assignment and the internship, it is important that the two differ sufficiently in terms of content.
2. An external master's assignment requires explicit approval from the Examination Board regarding content, supervision and graduation committee before the start of the assignment. This request must be submitted using the [external master assignment form on the BME website](#). After approval, the composition of the master assignment committee and the nature of the assignment must also be registered in Mobility Online.
3. A regular (i.e. within the UT) master's assignment must be registered in Mobility Online. This concerns the title, content and master's assignment committee. This must take place within two weeks after the start of the master's assignment. This requires the approval of the BME Examination Board.
4. The prospective chair of the master's assignment will ensure that a master's assignment committee is composed in accordance with article 15 of these rules within two weeks after the student has requested it.
5. The student and the chair of the Master's Assignment Committee will be informed in writing by the Examination Board of whether or not the Master's assignment will be approved by each mandate. If possible, the deadline for this is within two weeks of receipt of the registration in Mobility Online, not including the holidays mentioned in the schedules.
6. As part of the assessment of the master's assignment, the student submits a report to the master's assignment committee about the approach, the course and the result of this assignment. This report must be in the possession of the members of the master's assignment committee at least one week before the colloquium. The final report will be checked for plagiarism by the chair and/or daily supervisor.
7. The student defends this report by means of a colloquium before the master's assignment committee. This colloquium is open to the public. If the assignment took place externally, the colloquium will take place at the UT. The colloquium can only be scheduled if it has become clear during the green light interview that the committee is confident that the colloquium will be successfully completed and the grade of the report is at least 5.5. The green light discussion is a meeting with the entire committee where it is discussed whether each of the aspects to be assessed is sufficient at this stage, or which points for improvement need to be implemented in order to achieve a satisfactory score. If the entire committee cannot be present at this meeting, the student will ensure that feedback is obtained from all members. Only if the entire committee expects that the student will score sufficiently on content, implementation and reporting by the intended graduation date, the colloquium can be requested.
8. The colloquium may only be held when all other master's examination components have been completed and passed.
9. At least one month before the planned colloquium, the student must submit an application form for the examination signed by the chair of the master's assignment committee to BOZ-BME. [The application form](#)

can only be submitted, fully completed, if both the student and the chair of the master's assignment committee expect the student to pass the exam (green light interview).

10. The master's assignment will be graded with one grade. The chair of the master's assignment committee will discuss the various aspects of the final mark in the oral explanation of the assessment after the colloquium.
11. At the end of the colloquium, the student will receive their diploma. An overview of the grades obtained for all exam components will follow within 1 month. Any extra-curricular courses (courses that do not belong to the 60 EC) are listed separately on the appendix.

Article 15 Double master's Guideline

1. If a student wants to combine the master's BME with another master's programme, the student must obtain approval from both examination boards.
2. For the master's BME, the following is expected of the student:
 - a. 60 EC of BME courses ([according to art 8 of the programme specific annex](#)), of which 30 EC courses that apply to both studies.
 - b. Substantive approval of the course package by the Examination Board at the laexam at the end of the quartile in which the double master's programme started.
 - c. A combined internship of 20 EC, with prior approval of the Examination Board;
 - d. A combined master's thesis of 70 EC, with prior approval of the Examination Board.
*The rule for the length of a graduation project in double graduation is:
Graduation assignment program 1 (the longest) + 0.5 * graduation assignment program 2 (the shorexam).*
 - e. In addition, the student must also meet the requirements of the other master's program.
3. The ECs mentioned above serve as a guideline, each application for a double master's programme is assessed individually by the Examination Board. If the student wishes to deviate from the guideline, they can submit a motivated request to the Examination Board.

Article 16 Final assignment committee

1. To supervise and assess the master's graduation project, a master's assignment committee will be composed. This is done in joint consultation between the chair of the master's assignment committee and the student, in which the BME field is sufficiently represented and the committee has experience in supervising BME graduates. The chair of the Master's Assignment Committee bears the final responsibility. The committee is then submitted to the Examination Board for approval.
2. This master's assignment committee consists of at least three members for the BME part. The Master's Assignment Committee shall include at least:
 - a. the professor, associate professor or assistant professor in whose chair the assignment is carried out, insofar as he or she does not act as a daily supervisor. He/she is also the chair of the committee. The chair must be authorised to examine and be UTQ registered (or be exempt from this). In the case of an assistant professor, the chair must also have been a BMT/BME committee member 6 times, of which at least 3 times BME member.
 - b. the student's day-to-day supervisor (HL/UHD/UD/Postdoc or PhD student); the day-to-day supervisor is a member of the permanent or temporary academic staff of the aforementioned chair;
 - c. one member of the academic staff (HL/UHD/UD/Postdoc/Experienced PhD/Junior or senior researcher) from a chair other than the one in which the Master's assignment is carried out (member of the other department). The member of the other department may also be an external expert with a PhD, if the student graduates within the UT with collaborations outside the UT
 - d. If the day-to-day supervisor and the professor are one and the same person, an additional member from the same chair should be added to the committee in the first instance. If this is not possible, a member of the academic staff from one of the other chairs must be included in the committee.
3. If the master's assignment is carried out at an external (non-UT) organization, a representative of this organization must be added to the master's assignment committee as an additional member. In this case, in addition to the chair, at least two UT employees must be included as committee members, so that the UT is sufficiently represented outside the UT when graduating.
4. The requirements for the Master's Assignment Committee are leading, each application for a Master's Assignment Committee is assessed individually by the Examination Board. If the student wishes to deviate from the requirements, the student can submit a motivated request to the Examination Board, asking for explicit approval.

Article 17 Commencement

This regulation will enter into force on 1 September 2024 and will replace the regulation of 1 September 2023.

Adopted by the Examination Board Biomedical Engineering,

Enschede, September 2024

Appendix 1: Sanction ladder Fraud 2024-2025

Sanction ²	Category						
	7	6	5	4	3	2	1
Official Warning	X	X	X	X	X	X	X
Invalidation of a midterm test/retest component or retake/replace assignment	X	X	X	X	X	X	
Invalidation of the exam result	X	X	X	X	X	X	
Invalidation of the exam result for the course/assignment and exclusion for the next (re)opportunity/assessment	X	X	X	X	X		
Exclusion of all examinations/assessments 1, 2 or 3 Q2*	X	X	X				
Exclusion of all examinations/assessments 4 Q2	X	X					
Advice on de-registration	X						

*Q: Quartiles

*Q2: consecutive quartiles

Explanation sanction ladder Examination Board BMT-BME

Category	Non-exhaustive list of offences
Category 1 (irregularity)	<ul style="list-style-type: none"> - Unwittingly providing opportunities to cheat/fraud - Non-compliance with the rules of the central examinations procedure, such as handing in completed work, going to the toilet and using paper other than that provided by UT - Unauthorised presence of communication and recording equipment or any other media-carrying equipment and aids not permitted during examinations (see central examinations regulation) - (Complicity in) breaching agreements on cooperation in a subject through ignorance and/or carelessness - Complicity in fraud/plagiarism through ignorance and/or carelessness as a student and/or student assistant - Violation of the agreements for a course regarding cooperation without the presence of plagiarism in the form of deliberately presenting another person's texts/code/ as one's own work - Irregularity in the form of missing/erroneous citation of sources due to carelessness/incorrectness (individual or group)
Category 2	<ul style="list-style-type: none"> - Recidivism category 1: repeatedly careless and incorrect behaviour tending towards fraud
Category 3	<ul style="list-style-type: none"> - Deliberately offering the opportunity to cheat - Deliberate complicity in fraud - Aiding and abetting identity fraud in a subject/assignment by providing one's own work to others with the aim, knowledge or expectation that this will be handed in for assessment as one's own work - Participating in identity fraud by lending out identification, log-in data, forging signatures for attendance registration, etc.
Category 4	<ul style="list-style-type: none"> - Attempting) to use tools other than those indicated on the cover sheet - Cheating (any form) - During the examination other than with invigilator/supervisor - Recidivism category 3
Category 5	<ul style="list-style-type: none"> - Plagiarism in the form of deliberately presenting other people's texts as one's own work (individually or in groups)

² Awarding leads to administration in the file and deprives the student of the possibility of obtaining a judgement, but this does not have to be included in the letter to the student.

	<ul style="list-style-type: none"> - Identity fraud by using someone else's (digital) identity during an examination (identification, login details, etc.) - Identity fraud by deliberately submitting another person's work (text, code) for assessment as one's own work - Gaining unauthorised access to (parts of) a digital testing platform or testing network - Removing (parts of) a (digital) test(s) and USB sticks - Falsifying answers/falsifying scores etc. during correction tasks - Making available to others material obtained illegally, such as tests, explanations, models of answers. - Fraud during inspection of an examination taken - Plagiarism in the form of copying another person's work in its entirety as part of a paper (individual or group) - Falsifying research data - Plagiarism in the form of concealing, copying or copying in full another person's work as part of an assignment (individual or group) - Recidivism category 4
Category 6 (serious fraud)	<ul style="list-style-type: none"> - Fingering/falsifying research data in subsequent or final project - Identity fraud in final project - Three times fraud in one year - Plagiarism of entire work - Recidivism category 5
Category 7 (serious fraud)	<ul style="list-style-type: none"> - Any form of serious fraud and its recurrence depending on the circumstances