

**RULES AND GUIDELINES OF THE BOARD OF  
EXAMINERS**

**MASTER OF SCIENCE (MSc) PROGRAMMES  
APPLIED PHYSICS (AP)  
CHEMICAL ENGINEERING (CE)  
LIFE SCIENCE & TECHNOLOGY (LST)  
NANOBIOLOGY (NB)  
SCIENCE EDUCATION & COMMUNICATION (SEC)**

**2019-2020**

**FACULTY OF APPLIED SCIENCES  
DELFT UNIVERSITY OF TECHNOLOGY  
and  
ERASMUS MEDICAL CENTRE**

## Table of contents

<b>GENERAL</b>	<b>5</b>	
ARTICLE 1	SCOPE OF APPLICABILITY	5
ARTICLE 2	DEFINITION OF TERMS	5
ARTICLE 4	DECISIONS TAKEN BY THE BOARD OF EXAMINERS	5
ARTICLE 5	APPOINTMENT OF EXAMINERS, EXTERNAL EXAMINERS AND AD HOC COMMITTEES	5
ARTICLE 6	STANDARDS	5
ARTICLE 7	FRAUD	6
ARTICLE 8	TIME LIMITS	7
<b>REGISTERING AND WITHDRAWING</b>	<b>7</b>	
ARTICLE 9	REGISTERING FOR DEGREE AUDIT AND APPLYING FOR DEGREE CERTIFICATE	7
<b>EXAMINATIONS</b>	<b>7</b>	
ARTICLE 10	ADMINISTERING EXAMINATIONS	7
ARTICLE 11	ONLINE PROCTORED EXAMINATION	8
ARTICLE 12	QUESTIONS AND ASSIGNMENTS	8
ARTICLE 13	PROCEDURE DURING EXAMINATIONS	8
ARTICLE 14	ASSESSMENT	9
ARTICLE 15	REGISTERING RESULTS	10
ARTICLE 16	RETENTION OF WORK AND RESULTS	10
<b>EXEMPTION</b>	<b>10</b>	
ARTICLE 17	EXEMPTION APPLICATION PROCEDURE	10
<b>FURTHER RULES GOVERNING INTERSHIPS AND PROJECTS</b>	<b>10</b>	
ARTICLE 21	PROJECTS	11
ARTICLE 22 – 25	EXPIRED	12
<b>CURRICULUM COMPONENTS COMPLETED ELSEWHERE</b>	<b>12</b>	
ARTICLE 26	INCLUSION IN THE DEGREE AUDIT PROGRAMME	12
ARTICLE 27	PROVISION OF INFORMATION	12
<b>PASS/FAIL RULES</b>	<b>12</b>	
ARTICLE 28	PASS/FAIL RULES GOVERNING MSc DEGREE AUDIT	12
ARTICLE 29	PASS/FAIL RULES GOVERNING THE HONOURS PROGRAMME MASTER	13
<b>CONFERRING THE PREDICATE ‘CUM LAUDE’</b>	<b>13</b>	
ARTICLE 30	THE DESIGNATION ‘CUM LAUDE FOR MSc DEGREE AUDITS	13
<b>DEGREE CERTIFICATES AND RESULTS ACHIEVED</b>	<b>13</b>	
ARTICLE 31	DEGREE CERTIFICATE, TRANSCRIPT AND SUPPLEMENT	13
<b>APPEAL AND FINAL PROVISIONS</b>	<b>14</b>	
ARTICLE 33	APPEALS AGAINST DECISIONS MADE BY THE BOARD OF EXAMINERS	14
ARTICLE 34	AMENDMENTS TO THE RULES AND GUIDELINES OF THE BOARD OF EXAMINERS	14
ARTICLE 35	UNEXPECTED CIRCUMSTANCES	14
ARTICLE 36	ENTRY INTO FORCE	14

### Relevant changes with regard to 2018-2019

Article 7a	Added: article on disciplinary measure in the event of an irregularity or suspected irregularity
Article 7b	Added: article on plagiarism scan
Article 19 – 21d	Reordered: - Information from former Article 19 – Article 25 is embedded in Article 19 – Article 21d
Article 22 - 25	Cancelled

### Relevant changes with regard to 2017-2018

-	New numbering of articles conform model R&R
Art. 11	Added: online proctored examination
Art. 14 section 8	Changed: Final marks that are earned in another degree programme at a university abroad will indicated by a V (pass).
Art. 23	Composition of the assessment committee: At least one of the members is a full professor or an associate professor with ius promovendi.
Art. 26 section 2	Added: Subjects successfully completed elsewhere will only be included in the programme if they were completed during the period in which the student was enrolled in the degree programme
Art. 29	Changed pass/fail rules Honours Programme Master: a mark or a pass has been achieved for all subjects in the MSc degree programme and the Honours Programme, no further rules about the weighted average

### Changes with regard to 2016-2017

Art 5.4	Added: including an assessment committee as referred to in Article 27.
Art 8.3	Added: If fraud is suspected, the student will complete the examination; The incident report will be added to the completed examination and be submitted to the Board of Examiners
Art 8.9	Added: sanctions for group members. A sanction is not necessarily the same for all members.
Art 14-A	New article: Long distance examinations
Art 33.c	Revised definition of MSc SEC thesis
Art 34-A	New article: Educatieve Module

### Changes with regard to 2015-2016

Art 5	'Academic staff' in stead of 'faculty'
Art 8.6	In case of fraud, barring exceptional cases, a mark will not be issued for the examination or practical in question is taken as a logical result of fraud instead of a sanction
Art 8.10 and 8.11	Personal dossier and guidelines cancelled
Art 14.5	Inclusion of online vigilated examinations
Art 17.3	NV in case of no show or not meeting a deadline
Art 17.10	Additional regulations SEC cancelled
Art 26.3 and 26.4	Replaced by requirements of Board of Examiners
Art 27	Examiner replaced by member; 'academic staff' in stead of 'scientific staff', added TU Delft in 27.d

### Changes with regard to 2014-2015

Art 1	Addition of the MSc Nanobiology and responsibility for bridging programmes
Art 5	Reformulation of section 5.1 and 5.2 into 5.1
Art 5.2	Added 'outside the programme'
Art 14.3	The adverbial clause 'preferably' has been revoked: an oral examination will be conducted by two examiners.

Art 16.6	Added: footnote on allowed calculators
Art 17.9	An additional regulation for the SEC programme to limit the possibilities for ongoing improvements of dossiers.
Art 20.1	Student work that has been assessed must be retained at least 2 years after the date of the examination. Change of period from one to two years.
Art 23	The responsibilities of the assessment of internships is included in these regulations, while formerly a reference to the procedure was made.
Art 24	Also in group work students will be assessed individually
<b>rules governing MSc thesis projects</b>	The rules governing the MSc thesis projects are included in the regulations, while formerly a reference to the procedure was made.
Art 26.4	Added a section on contracts to be used when a project is not carried out in a research group
Art 27	Further explanation on the role of reviewers in footnotes
Art 28	Added is the working method of the assessment committee
Art 33	'with honours' is changed into 'cum laude'
Art 36	Included is attachment 1 with texts on appeals to be used in letters to students

## General

### **Article 1      Scope of applicability**

These Rules and Guidelines govern the Applied Physics, Chemical Engineering, Life Science & Technology, Nanobiology, and Science Education & Communication MSc degree programmes of Delft University of Technology and Erasmus Medical Centre, referred to below as the 'Programme'.

The Board of Examiners is also responsible for students of the bridging programmes of the named masterprogrammes, with the exception of the bridging minor students.

### **Article 2      Definition of terms**

The definitions of terms contained in Article 1.1 of the Dutch Higher Education and Research Act (*Wet op het hoger onderwijs en wetenschappelijk onderzoek*) and Article 2 of the Applied Physics, Chemical Engineering, Life Science & Technology, Nanobiology and Science Education & Communication Master's Programmes Teaching and Examination Regulations are applicable.

### **Article 3      The Board of Examiners' working method**

1. In principle the Board of Examiners meets once a month
2. The Board of Examiners may delegate certain clearly defined duties.
3. The Board of Examiners delegates day-to-day affairs that are specific to the degree programme to the Sub-Board of Examiners of the relevant degree programme. The Rules and Regulations remain fully applicable to the Sub-Boards of Examiners of the relevant study programme.
4. The members of the Board of Examiners decide jointly which of them shall deputise for the chair during absence of the chair.
5. The meetings are not public.
6. If a student submits an application or complaint to the (Sub-)Board of Examiners that involves an examiner who is a member of the (Sub-)Board of Examiners, the examiner concerned will not have involvement in the handling of the application or complaint and will temporarily withdraw from the meeting.
7. A report will be drawn up regarding the matters discussed at meetings.
8. Every year, the Board of Examiners compiles a report on its activities in the previous academic year and sends this report to the Dean.

### **Article 4      Decisions taken by the Board of Examiners**

1. The Board of Examiners' rulings are based on a simple majority vote.
2. If the votes are equally divided the Chair of the Board of Examiners will have a casting vote unless the votes were cast by ballot.
3. If votes cast by ballot are equally divided, then a second vote by ballot will be held; if the votes are once again equally divided, the proposal being voted upon will be rejected.

### **Article 5      Appointment of examiners, external examiners and ad hoc committees**

1. With the establishment of these regulations the Board of Examiners appoints as examiners:  
Those members of academic staff (tenured or appointed on a tenure track position), employed by the university responsible for the degree programme, and teaching part of the degree programme, are the examiners for that part of the degree programme.
2. The Board of Examiners is entitled to appoint experts from outside the institution as examiners. This will be for a maximum period of two years, with the option to extend this period each time by a maximum of a further two years.
3. The Board of Examiners may appoint ad hoc committees, including an assessment committee as referred to in Article 23.

### **Article 6      Standards**

The Board of Examiners or the examiner will use the following standards as a guideline when making decisions and will weigh the various standards against each other in the event of any inconsistency:

- a. maintaining the quality and selection requirements with respect to the examination or part of the examination in question;
- b. expediency, with the goal of:
  - limiting study delays of students who are making good progress in their studies;
  - persuading a student to drop out of the programme with as little loss of time as possible if it has become unlikely that the programme will be completed within a reasonable period of enrolment;

- c. warning students and taking appropriate action if they are in danger of taking on too great a study load;
- d. leniency with respect to a student who is experiencing or has experienced a study delay due to circumstances that are beyond their control.

## **Article 7            Fraud**

1. Fraud is taken to mean any act or omission by a student that makes it fully or fily impossible to properly assess the knowledge, insight and skill of that student or another student. Fraud is in any event understood to include the commission of plagiarism in any form; it should be clear that this includes all cases in which a student implies that the work in question is their or her own when this is not the case, such as copying the work of others and presenting it as one's own through deliberate deception or through carelessness or inadequate references. Fraud also includes among others the following:
  - being in possession, during an examination, of aids (digital or otherwise), any notes, pre-programmed calculator, mobile phone, book, syllabus, notes in books for an open-book examination, the use of which has not been expressly permitted;
  - looking at the work of others during an examination or exchanging information or materials inside or outside the room where the examination is taking place;
  - getting someone else to take the examination or impersonating someone else during an examination;
  - being in possession of the questions/assignments of an examination before the date or time on which the examination is due to be held.
2. Whenever a student is suspected of having committed fraud, the matter will be dealt with by the Board of Examiners of the study programme on which the student is enrolled. If a Board of Examiners receives a complaint relating to fraud about a student who is enrolled on a different study programme, it will immediately pass on the complaint to the Board of Examiners of the relevant study programme. In the case of fraud committed in group work involving students from different study programmes, the Boards of Examiners concerned will together agree which Board of Examiners will handle the complaint. The Board of Examiners dealing with the complaint will keep the other Board or Boards informed of the outcome.
3. If fraud is discovered or suspected while an examination is being taken, the examiner or invigilator will immediately inform the student in question and record the incident in a written report as quickly as possible. The written report will be added to the student's completed examination after the examination has ended. The examiner or the invigilator can ask the student to make any evidence available. If the student refuses to do so, this will be noted in the report. The report and any evidence will be submitted to the Board of Examiners immediately.
4. If fraud is discovered or suspected other than while an examination is being taken, the examiner will record the incident in writing as quickly as possible. The report and any evidence will be submitted to the Board of Examiners immediately.
5. If it has been established that fraud has been committed, or if there is a suspicion to that effect, the Board of Examiners, the examiner, and the invigilator are authorised to obtain information from employees or parts of the organisation that could be used as evidence. The Board of Examiners is also authorised to obtain information about the effect of the (possible) sanction.
6. The Board of Examiners will give the student an opportunity to add written comments to the report that was prepared by the examiner or invigilator.
7. The Board of Examiners will, in the event of fraud, decide that no mark will be awarded to the student for the examination in question or assessment given for the practical exercise, apart from in exceptional cases.
8. As well as the decision in the foregoing section, the Board of Examiners will decide whether a sanction will be imposed - it may, depending on the seriousness of the fraud, including repeated incidents of fraud, impose the following sanctions on students:
  - a. reprimand;
  - b. exclusion from the examination or practical exercise in question for a maximum period of one year;
  - c. exclusion from one or more examination periods for a maximum period of one year; or
  - d. a combination of the measures listed above.

In the event of serious fraud, the Board of Examiners is entitled to decide to propose to the Executive Board that the student's enrolment on the degree programme be permanently terminated.
9. When, within the context of group learning, the Board of Examiners determines that group fraud has been committed, the Board of Examiners may impose one of the sanctions referred to in section 8, subsection 8a to d, upon every member of the group.
10. The Board of Examiners will only take a decision as described in section 7 after the student in question has been given the opportunity of having a hearing. A hearing will not be necessary if the Board of Examiners determines that no fraud has been committed.

#### **Article 7a      Disciplinary measure in the event of an irregularity or suspected irregularity**

1. Prior to, during or after an examination the Board of Examiners may decide that the examination must be taken in a different way or retaken at a different time in the event of any irregularity or if there are reasonable grounds for suspecting an irregularity, such as:
  - large-scale or organised fraud that renders the examination results untrustworthy and where it is not (yet) possible to determine which individual students are involved;
  - a technical failure during the examination that renders the results untrustworthy.
2. If the examination has already been taken, the Board of Examiners may decide to declare the results of the examination in question invalid for all participants. The examination must then be retaken. In this case the Board of Examiners will set a new examination date as soon as possible.

#### **Article 7b      Plagiarism check**

1. The examiner or assessment committee checks written (graduation) work for plagiarism. A plagiarism scanner may be used for this purpose.
2. To facilitate plagiarism checks, the examiner or assessment committee may set requirements for the way in which a written assignment must be submitted.
3. In specific cases, the Board of Examiners is authorised to make the plagiarism scan obligatory.<sup>1</sup>

#### **Article 8      Time limits**

The Board of Examiners will render a decision with respect to a student's application within 40 working days after the application is received or, if the application is submitted during an academic holiday or within a period of three weeks prior to an academic holiday, within 40 working days after the end of that holiday. The Board of Examiners may postpone making a decision for a maximum period of 10 working days. The student will be informed in writing of any postponement before the end of the period referred to in the first sentence.

### **Registering and withdrawing**

#### **Article 9      Registering for degree audit and applying for degree certificate**

1. Registration for the degree audit and the application for the degree certificate must be submitted to the Student Administration no later than 20 working days before the degree audit in question is to be held.
2. The student must submit the final study programme to the Student Administration no later than the day on which the period referred to in section 1 commences.
3. All requirements must be met and all results must have been submitted to the Student Administration no later than five working days before the meeting for the degree audit in question.
4. The Student Administration has the possibility of putting a student forward for the degree audit if it has established that the student has met all the obligations for the degree audit. The Student Administration will inform the student of its intention to put the student forward for the degree audit. The Student Administration will drop its intention when the student indicates within the specified period that they wish to improve a result or wishes to supplement their examination programme. In that case, the student will have the opportunity to do so during the rest of the current academic year.

### **Examinations**

#### **Article 10      Administering examinations**

1. When the same examination is administered by more than one examiner, simultaneously or otherwise, and the results of the examination in question are also assessed by more than one examiner, the final assessment will be made on the basis of the relevant predetermined standards in accordance with the provisions of Article 14 section 2. If applicable the Board of Examiners will appoint an examiner who will have primary responsibility for the examination.
2. In special cases the Board of Examiners may allow a student to take an examination in a different form than stated in the study guide. The request for this must be substantiated.
3. A student's registration will be confirmed by or on behalf of the Board of Examiners during examinations.
4. In the event of unforeseen circumstances, the examination may be taken or retaken in a different way or at a different time. The Board of Examiners will decide on this matter in consultation with the examiner.

---

<sup>1</sup> Article 21a on master thesis project

### **Article 10a Long distance examinations**

1. The examinations should be taken at the host university;
2. Supervision during the examinations should be guaranteed, meeting the TU Delft criteria for invigilators;
3. Conditions, logistic aspects and time are the same as the examination at TU Delft;
4. A scan of the examination will be send by the examiner by the by email;
5. A scan of the students work will be returned to the examiner by email.

### **Article 11 Online proctored examination**

1. An examination may be held with online proctoring
  - a. if the programme is given entirely online or
  - b. with the permission of the Board of Examiners if it concerns an individual request owing to exceptional circumstances.
2. If an examination takes place using online proctoring, the exam should be administered entirely digitally.
3. The location and the time frame of examinations, that are remotely proctored with an online system, is to be decided by the Board of Examiners. If the local time for the start of an examination is before 7:00 in the morning or after 23:00 at night, the Board of Examiners may alter the start time, but with as little change from the originally designated start time as possible, and may also take measures to prevent the examination questions becoming known to students who have not yet taken the examination in question.

### **Article 12 Questions and assignments**

1. The questions and assignments covered by an examination includes only content that is part of study material or sources made known in advance. These sources will be generally made known before commencement of the coursework that prepares students for the examination. The precise scope of the material will be finalised no later than one month before the examination is taken.
2. The questions and assignments contained in an examination are to be a well-balanced representation of the materials studied.
3. The examination will reflect the learning objectives in terms of level, content, and form, as laid down in the assessment matrix that is composed for the course.
4. The questions and assignments will be clear and unambiguous and are critically read by a colleague / second reader ("collegial check"). The instructions regarding the weighing of the questions and assignments will also be clear and unambiguous, and formulated in such a way that students should be able to understand how extensive and detailed their answers must be. On the examination coverpage the name of the second reader and the rating of the questions are mentioned.
5. Well before a written examination, the examiner will give the students the opportunity, to familiarise themselves with examples of representative examination questions and answers and the examination assessment standards.
6. The content of the examination will be such that students can be reasonably expected to have sufficient time to answer the questions.

### **Article 13 Procedure during examinations**

1. The examiner will ensure that invigilators are appointed for an examination who will supervise the examination on behalf of and under the responsibility of the Board of Examiners to ensure that examination proceeds properly. The invigilators will observe the Rules of Procedure for Examinations (Reglement van Orde bij Toetsen), which are available in the examination room.
2. The following applies regarding entering an examination room:
  - a. only students with a valid identity document may gain access to the examination. Acceptable identity documents are a campus card, passport, identity card, or driving licence, and
  - b. students may only gain access to the examination if they have a valid examination ticket or if they appear on the list of examinees.
3. At the request of or on behalf of the Board of Examiners, students are required to show proof of identity using their campus card or valid identity document (passport, ID card or drivers license).
4. The student must follow the instructions issued by the Board of Examiners, the examiner or the invigilator that have been published before the start of the examination and the instructions that are given during the examination or immediately after it has ended.
5. Any student who does not comply with the provisions laid down in or pursuant to section 3 and 4 may be excluded from further participation by the Board of Examiners or the examiner. In these cases no mark will be recorded for the examination.
6. Examination paper and scrap paper will be provided. The student immediately writes down their name on all papers. Only work written on official examination answer sheets will be assessed. The student must bring their own writing and drawing materials.



7. During examinations, students may not use or have available any aids such as pre-programmed calculators, computers, mobile telephones or other devices with similar functions unless the examiner has decided otherwise. If the use of any such item during an examination is permitted, students must themselves bring their own calculators or aids, which must be in compliance with the function limits determined by the examiner.
8. During an examination the student may not have in their possession nor may they consult any books, lecture notes, other notes or other documents unless the examiner has decided otherwise.
9. Answers may not be written in pencil unless the examiner has given permission to do so in advance.
10. The student may not take the examination assignments with him/her after the examination has ended unless the examiner has decided otherwise.
11. Students who wish to participate in an examination more than 30 minutes after the examination in question has started will not be admitted.
12. The student is not permitted to leave the location where the examination is being held within 30 minutes after an examination officially starts. In urgent cases permission may be given to leave the location where the examination is being held after those 30 minutes have passed, under the supervision of an invigilator. No more than one student may be absent at any given time.
13. Before the student's final departure from the location where the examination is being held (not earlier than 30 minutes after the examination in question has started) the student must hand in the examination work, on which they have written their name and student number on each page, to the examiner or invigilator.

#### **Article 14      Assessment**

1. The assessment method, including the weighing of components, is to be clear such that the student can ascertain how the result was reached.
2. Written examinations will be assessed, with due observance of the provisions contained in Article 14 section 1, on the basis of model answers and standards that have been laid down in writing in advance and that may be revised during correction.
3. A result will be indicated by a mark, a V (voldaan - pass), an O (onvoldoende- fail), NVD (niet-voldaan – fail; calculated by Osiris) or a VR (vrijstelling - exemption). NV (niet-verschenen) is to be used if a student did not meet a deadline or did not show up.
4. A final mark for a course will be expressed in a whole or half mark-from 1,0 to 10,0- taking into consideration section 5. The meaning of the marks is as follows:

9.5 – 10.0	Excellent
8.5 – 9.0	Very good
7.5 – 8.0	Good
6.5 – 7.0	More than satisfactory
6.0	Satisfactory
4.5 – 5.5	Nearly satisfactory
3.5 – 4.0	Unsatisfactory
1.0 – 3.0	Very poor

5. **Tenths:** When rounding of the marks to half and whole figures, three-tenths, four-tenths, eight-tenths and nine-tenths will be rounded up and one-tenth, two tenths, six-tenths and seven-tenths will be rounded down.  
**Hundredths:** Hundredths greater and equal to 0,05 will be rounded up and hundredths lower than 0,05 will be rounded down.
6. If a course consists of more than one component, the course description in the study guide will indicate how the final mark will be determined. The following provision applies in this respect:
  - the mark for a component examination will be expressed in decimals, and hundredths greater than or equal to 0.05 will be rounded up and hundredths lower than 0.05 will be rounded down.
  - Results for interim examinations or assessments for practical exercises may only be included as part of the final mark if they are 5.0 or higher. In the event of a lower mark, no final mark will be given.
7. Final marks that are earned in another degree programme at this or another Dutch university will be adopted as they have been given, as a whole figure or as a half figure or as a decimal figure. The definition that the other degree programme attributes to those marks will also be adopted.
8. Final marks that are earned in another degree programme at a university abroad will be indicated by a V (pass) or an O (fail). The definition that the other degree programme attributes to those marks will be mentioned on the diploma supplement. The provisions of article 27 also apply to final marks that are earned abroad.
9. If more than one result is earned for a course, the highest result that has been earned will apply during the degree audit.
10. If a student is able to demonstrate that examination work they have submitted has been lost as a result of act or omission of the institution before being assessed, the Board of Examiners shall decide what subsequent course of action will be taken.

#### **Article 15      Registering results**

1. The examiner records the results of an examination in OSIRIS, including the date on which the examination was held or, in the case of a practical exercise, the date on which the exercise was completed.
2. The examiner may determine the latest date by which a practical exercise must be completed, such as the date on which a report must be handed in. This information must be included in the relevant course description in the study guide.

#### **Article 16      Retention of work and results**

1. Due to the possibility of appeals proceedings, student work that has been assessed, with the exception of three-dimensional projects, must be retained for at least two years after the date of the exam. Three-dimensional projects must be retained by the examiner for at least six weeks after the results have been published.
2. By way of derogation of Section 1, and in connection with the re-accreditation of degree programmes, successfully completed degree audits and related papers, as well as the relevant assessment forms, must be retained for at least seven years.
3. In the event that no result has been published, the period referred to in Section 1 will commence on the date on which the exam is held.
4. The results of exams will be retained by the Student Administration for a period of at least 10 years.

### **Exemption**

#### **Article 17      Exemption application procedure**

An application for an exemption from all or part of a course must be submitted to the Board of Examiners in writing, stating the reasons for the exemption request, together with any documentary evidence. The student must attach the recommendation of the examiner concerned to their application.

#### **Article 18      Official date of an exemption**

The official date of an exemption will be the date on which the Board of Examiners grants the exemption.

### **Further rules governing internships and projects**

#### **Article 19      Official date of internship and master thesis project results**

1. The official date of the completion of the internship will be the date on which the final report is submitted.
2. The official date of the completion of a project will be the date on which the final report or project is submitted or the date on which the oral final presentation is given.
3. The official date of completion of the MSc thesis project will be the date on which the final oral final presentation is given.

#### **Article 20      Internships**

An internship will be carried out according to the Programme specific appendix to the Teaching and Examination Regulations. The procedure for Internships has been established in consultation with the Board of Examiners.

#### **Procedure and responsibilities:**

- The internship comprises a period of 3 months of full-time work, including writing the report.
- The student has to find a TU Delft supervisor (or for MSc NB a TU Delft of Erasmus MC supervisor) with appropriate expertise, who is member of faculty (tenured or appointed on a tenure track position) of the faculty of Applied Sciences.
- The application form has to be signed and submitted to the Internship Office
- The TU supervisor is responsible for approving the content of the internship.
- The assignment is at the level of a graduated engineer.
- The standard contract Internship and if needed the Confidentiality Statement of the faculty of Applied Sciences have to be used. If a company insists to use an own contract, the Contract management Bureau has to be asked for advice, to guarantee the assessment of the internship and to safeguard the student from clauses including extortionate fines.

- The TU supervisor is formally responsible for determining the final grade. The internship will be evaluated by both the company (2/3) and the university supervisor (1/3). In case the supervisor deviates from this guideline, please explain your reasons for deviating in the comments field on the form.
- The internship will be assessed according to the internship grading scheme. The review form has to be signed by the company and the university supervisor, the company supervisor gives an advice on the grade, the ultimate responsibility rests with the university supervisor.
- A digital copy of the internship report (student) and the review form (university supervisor) have to be sent to the Internship Office that processes the grades.

For SEC a specific procedure is composed regarding the internship.

## **Article 21      Projects**

In project work the students can be assessed as a group but will also be assessed individually. Further rules governing projects are included in the course descriptions in the study guide.

### **Article 21a      Further rules governing MSc thesis projects**

A MSc thesis project will be carried out according to the Programme specific appendix to the Teaching and Examination Regulations. The procedure for MSc thesis projects has been established in consultation with the Board of Examiners.

Procedure:

- The student has to find a supervisor with appropriate expertise, in accordance with art 5 and the Implementation Regulations of the programme.
- The TU Delft supervisor (or for MSc NB a TU Delft of Erasmus MC supervisor) is responsible for approving the thesis project proposal.
- The application form has to be signed and submitted to the Thesis Office.
- Thesis projects are always conducted under the supervision of a designated research group, in order to safeguard the final attainment levels.
- If a part of the thesis project takes place outside a research group for a period longer than 3 months, this has to be approved by the Board of Examiners.
- The thesis will be checked on plagiarism before the final assessment takes place.
- The MSc thesis project will be assessed according to the master thesis grading scheme.
- A digital copy of the thesis report (student) and the review form (supervisor) have to be sent to the Thesis Office that subsequently processes the grades.

### **Article 21b      MSc thesis projects outside the designated research groups**

1. Students who wish to spend more than three months working on the MSc thesis project outside research groups designated in the Programme specific appendix to the Teaching and Examination Regulations must ask authorisation from the Sub-Board of Examiners.
2. To obtain the authorization mentioned in section 1, students must submit a written request to the Sub-Board of Examiners with the consent of the responsible thesis project supervisor at least 20 working days before starting the MSc thesis project.
3. This request is course to the following approval procedure:
  - A thesis project is carried out under supervision of designated research groups.
  - The project is part of existing research.
  - The initiative for collaborating with third parties rests with the research group only, not with the student.
  - The project needs to be of the same academic level as that of a project that was carried out completely in one of the research groups.
  - For a thesis project the faculty provides intensive and academic supervision. This means that there has to be frequent consultation between the supervisor(s) and the student.
  - The assessment is based on 6 categories of learning outcomes, opposed to just only on a final report and presentation. Intellectual skills, academic attitude and research skills are a part of the assessment.
  - The faculty archives the final report completely and uncensored, without any concessions or embargo.
  - The faculty will not publish the report, but archives it under stringent confidentiality and documented conditions.
  - The student will present the uncensored results of the project at the faculty to the complete assessment committee. This presentation can have a private character.

## **Article 21C      Composition of the assessment committee for MSc thesis projects**

A committee will be composed by or on behalf of the Board of Examiners for the assessment of the MSc thesis project. The committee will consist of at least three members<sup>2</sup> of academic staff (tenured or tenure track)<sup>3</sup> or member(s) for the occasion appointed by the Board of Examiners (art 5.2):

- a. The responsible thesis supervisor is one of the members of the assessment committee.
- b. At least one of the members belongs to the teaching staff of the MSc programme for a part of the degree programme other than the MSc thesis project (art 5.1).
- c. At least one of the members is a full professor or an associate professor with ius promovendi.
- d. At least one of the members belongs to a TU Delft research group\* independent<sup>4</sup> from the group the responsible thesis supervisor belongs to.

\* for Nanobiology: TU Delft research group or Erasmus MC research group

## **Article 21D      Working method of the assessment committee**

- The MSc thesis project will be reviewed according to the master thesis grading scheme.
- Digital copies of the thesis report (student) and the review form (supervisor) have to be sent to the Thesis Office that processes the grades.
- The review form must be filled in completely. It is required to write a short motivation for the final grade in the field 'comments'

## **Article 22 – 25**

Expired

## **Curriculum components completed elsewhere**

### **Article 26      Inclusion in the degree audit programme**

1. The number of credits to be submitted for the degree audit and that are derived from courses for which an exemption has been granted and/or from courses completed outside the degree programme may not exceed a total of 60 EC.<sup>5</sup>
2. courses successfully completed elsewhere will be only be included in the programme if they were completed during the period in which the student was enrolled on the degree programme.

### **Article 27      Provision of information**

1. In the event that a student has completed approved courses taken outside the degree programme, the student is responsible for ensuring that the authorised agency issues a statement indicating the course in question by name and insofar as applicable by course code, the associated study load (credits), the results, the date on which the results were earned and the date on which the statement was issued.
2. In the case of courses taken abroad, the student must request the Board of Examiners to determine the number of credits and the results.
3. The student must provide the Board of Examiners with relevant information on the progress of the component and its assessment by the authorised body, including a statement on fraud. The Board of Examiners is authorised to request and obtain such information from the authorised body.

## **Pass/fail rules**

### **Article 28      Pass/fail rules governing MSc degree audit**

1. To pass the masters degree audit], students must have met the following requirements:
  - a. obtaining a result voor every course: a mark, a pass (v) or an exemption (vr);
  - b. none of the marks may be lower than 6.0.
2. The method of assessment will be transparent so that the student can ascertain how the result was reached.

---

<sup>2</sup> Committee members that do not meet the criteria (postdocs or PhD students) can be added as fourth or fifth member of the committee.

<sup>3</sup> A staff member can be appointed up to 5 years after their date of retirement.

<sup>4</sup> The examiner referred to in Art 23 section d is meant to control the assessment. Preferably an exchange of reviewers from departments and research groups takes place.

<sup>5</sup> For MSc SEC, track science education 90 EC applies.

3. In special cases the Board of Examiners may deviate from the provisions of section 1. It will stipulate additional requirements if necessary.

#### **Article 29 Pass/fail rules governing the Honours Programme Master**

To pass the Honours Programme, students must have met the following requirements:

- a. Gaining a pass for all courses in the MSc degree programme and the Honours Programme Master.
- b. Gaining the minimum number of credits for the Honours Programme Master
- c. The study duration of the MSc degree programme and the Honours Programme Master from which any delay in studies due to circumstances beyond the student's control has been subtracted is a maximum of two years calculated from the date of the first examination, allowing for any delays officially recognized in accordance with the Graduation Support Scheme (RAS) or TU Delft Profiling Fund Regulations. In exceptional circumstances, the Board of Examiners can deviate from this time period in favour of the student.

#### **Article 29A Pass/fail rules governing annotations**

The student has passed an annotation (Technology in Sustainable Development (TISD), Entrepreneurship, Nuclear Science & Engineering, Casimir, Quantum Technologies) as set out in the MSc Programme Regulations if they have achieved a mark or a pass (v) for the MSc degree programme including all courses of the annotation programme.

### **Conferring the predicate 'cum laude'**

#### **Article 30 The designation 'cum laude' for MSc degree audits**

1. A student may receive the predicate 'cum laude' for the MSc degree audit if the Board of Examiners decides to grant this distinction and at least the following requirements have been met:
  - a. the weighted average of the results of the courses not including the MSc thesis project is at least 8,0; passes (V) and exemptions (VR) will not be taken into consideration;
  - b. the number of credits for the courses for which a pass (V) has been earned or for which an exemption (VR) has been granted may not exceed 40 credits in total<sup>6</sup>.
  - c. The result for the MSc thesis project<sup>7</sup> must be at least 9.0.
  - d. None of the marks may be lower than 7.0.
  - e. The student's degree programme must not have exceeded 24 months, calculated from the date of the first examination till the date of the final examination, allowing for any delays officially recognised in accordance with the Graduation Support Scheme (RAS) or TU Delft Profiling Fund Regulations.
2. In special cases the Board of Examiners may decide to grant the predicate 'cum laude' to a student who does not meet the requirements referred to in section 1 if the student in question has shown exceptional skills in the degree programme in question.

### **Degree certificates and results achieved**

#### **Article 31 Degree certificate, transcript and supplement**

1. A degree certificate will be issued by or on behalf of the Board of Examiners as evidence that the degree audit has been completed.
2. The degree certificate shall be signed by at least one member of the Sub-Board of Examiners on behalf of the Board of Examiners.
3. A supplement in English will be provided when the degree certificate is issued, which will in any event indicate the results achieved. A supplement in Dutch can be obtained from the Student Administration on request.

---

<sup>6</sup> for MSc SEC science education 90 EC applies.

<sup>7</sup> The MSc SEC track Education thesis project is defined as follows.

- For students with an exemption for the science & technology part of the programme: the thesis project consists of the courses teaching placement B (12 ec) and educational research (6 ec).
- For students without an exemption for the science & technology part of the programme: the thesis project consists of the courses teaching placement B (12 ec) and thesis research education (30 ec).

The result for both courses must be at least 9.0.

The new definition comes into effect for cohort 2017-2018.

4. A student can request the sub Board of Examiners of the Science Education and Communication (SEC) MSc programme to issue a teacher qualification if the following conditions have been met:
  - The student has successfully completed the Education specialisation (*verdiepingsdeel*) in their examination programme (with an exemption, a mark or a pass (v) for all courses.The SEC (sub)Board of Examiners will grant the qualification by mentioning it on the degree certificate mentioned in section 1. This *eerstegraads onderwijsbevoegdheid* qualifies the student in question as a teacher of preparatory higher education (*Voorbereidend Hoger Onderwijs, VHO*), in accordance with the Education Professions Act.
5. The degree certificate, after having passed the degree audit, is dated at the student's last examination.

#### **Article 31a A Certificate Educatieve Module**

A student may submit a request to the Board of Examiners of the Science Education and Communication (SEC) Master's programme to grant a limited secondary school teaching qualification (*beperkte tweedegraadsbevoegdheid*). The SEC Board of Examiners will grant the request if the student meets the following conditions:

- a. the student has completed the Educatieve Module (30 credits) with no failing marks, and
- b. the student is entitled to the certification in accordance with the "verwantschapstabel educatieve minor chart".

The qualification will be mentioned on a certificate Educatieve Module. With a limited secondary school teaching qualification the student will be qualified to teach in the first three years at havo/vwo schools and the theoretical learning track at vmbo schools.

#### **Article 32 Statement of results achieved**

1. A student who has successfully taken one or more exams and to whom the degree certificate within the meaning of Article 31 cannot be issued when they leave the university will receive a statement from the Board of Examiners upon request. This statement will include personal data, course code(s), course name(s), number of credits, the result(s) and the date(s) on which the result(s) was/were earned.
2. A statement as referred to in section 1 must be requested from the Student Administration.

### **Appeal and final provisions**

#### **Article 33 Appeals against decisions made by the Board of Examiners**

Appeals to the Examinations Appeals Board referred to in Section 7.60 of the Higher Education and Research Act (WHW) against decisions made by the Board of Examiners and/or an examiner may be lodged up to six weeks after the decision in question has been made known to the individual concerned. The Board of Examiners will refer to this possibility of appeal in its decision.

#### **Article 34 Amendments to the Rules and Guidelines of the Board of Examiners**

No amendments may be made to these Rules and Guidelines that apply to the current academic year unless the students' interests remain reasonably unaffected.

#### **Article 35 Unexpected circumstances**

Insofar as these Rules and Guidelines do not provide for specific circumstances, the Board of Examiners will make a decision that is in line with these Rules and Guidelines to every extent possible.

#### **Article 36 Entry into force**

These Rules and Guidelines shall enter into force on 1 September 2019.

**Adopted by the Board of Examiners on 20 June 2019**