

# Master Programmes Industrial Design Engineering

*Integrated Product Design  
Design for Interaction  
Strategic Product Design*

2023-2024

- Teaching and Examination Regulations  
(ex Article 7.13 WHW)
- Rules & Guidelines from the Board of  
Examiners (ex Article 7.12 WHW)

Responsibility for this publication is borne by  
the Faculty of Industrial Design Engineering  
**September 2023**

**Delft University of Technology**

## Contents

<b>Teaching and Examination Regulations (TER) 2023-2024.....</b>	<b>3</b>
Section 1 – General .....	3
Section 2a – Composition of the programmes and the degree audit .....	8
Section 2b – Honours Programme Master IDE.....	9
Section 3 – Application for courses, admission and participation .....	9
Section 4 – (Component) Examinations and completing practicals.....	12
Section 5 – Studying with a support need .....	16
Section 6 – Exemptions .....	17
Section 7 – Degree audit .....	18
Section 8 – Study support and monitoring of student progress.....	18
Section 9 – Contravention with the TER, changes and appeal .....	18
Section 10 – These Regulations coming into force .....	19
Drawn up by the Dean of the IDE Faculty on August 31, 2023. ....	19
Appendix 1 - MSc study programmes, electives, specialization and annotation .....	20
Section 1 – General .....	20
Section 2 – 2016 Master’s programme Integrated Product Design (IPD) .....	21
Section 3 – 2016 Master’s programme Design for Interaction (Dfi) .....	28
Section 4 – 2016 Master’s programme Strategic Product Design (SPD) .....	29
Section 5 – Electives .....	30
Appendix 2 - The MSc programmes final attainment levels.....	31
Appendix 3 –Special degrees .....	32
Appendix 4 – Exchange Programmes .....	32
Appendix 5 – Joint-/Double Degree Programmes .....	32
Appendix 6 – Appendix to Art. 5 of the TER .....	33
<b>Rules &amp; Guidelines from the Board of Examiners .....</b>	<b>35</b>
Section 2 – Flexible programme .....	38
Section 3 - Degree audit, registering and withdrawing .....	38
Section 4 – Examinations and practicals .....	39
Section 5 – Exemption/curriculum components completed elsewhere.....	43
Section 6 – Further rules governing the Master’s thesis project .....	44
Section 7 – Failing and passing rules .....	44
Section 8 – Conferring the predicate ‘cum laude’ .....	44
Section 9 – Degree certificates and results achieved .....	46
Section 10 – Appeal and final provisions.....	47

# Teaching and Examination Regulations (TER) 2023-2024

## Section 1 – General

### Article 1 – Areas to which the regulations apply

1. These regulations apply to the teaching and the examinations related to the Master's degree programmes Integrated Product Design (IPD), Design for Interaction (DfI) and Strategic Product Design (SPD), hereafter to be referred to as the programme(s). These regulations also apply to the bridging programmes of the aforementioned programme(s).
2. The teaching and organisation of the programmes is the responsibility of the Faculty of Industrial Design Engineering (IDE) at Delft University of Technology, hereafter to be referred to as the faculty.
3. The programmes are laid down in appendix 1 which constitute part of these Teaching and Examination Regulations.
4. The implementation of these Teaching and Examination Regulations belongs to the Dean's competence. Regarding the execution of tasks herein, the Dean has assigned the Director of Education of the faculty as his mandatory, with the exception of tasks which are the competence of the Board of Examiners.
5. Questions and requests regarding these Teaching and Examination Regulations should be addressed to [educationregulations-ide@tudelft.nl](mailto:educationregulations-ide@tudelft.nl), regardless of whether they concern the competence of the Director of Education or the Board of Examiners (one office window).

### Article 2 – Definitions of terms used

The terms used in these regulations should be interpreted as meaning the same as in the Higher Education and Scientific Research Act, insofar as they are defined in that Act. The following terms are to be defined thus:

- |                              |  |
|------------------------------|--|
| <i>a. Academic year</i>      | The period that begins on September 1st and ends on August 31st of the subsequent year.<br>NB.: Academic year 2023-2024 begins September 4 <sup>th</sup> , 2023. |
| <i>b. Act, the</i>           | The Higher Education and Scientific Research Act (in Dutch, the WHW), in the Dutch Bulletin of Acts, Orders and Decrees, number 593 and as amended since.        |
| <i>c. Brightspace</i>        | The electronic system, <i>as a collaborative learning environment (CLE)</i> designed for the exchange of teaching information, available via the Website.        |
| <i>d. Board of Examiners</i> | The programme's Board of Examiners, which has been installed in accordance with Article 7.12 of the Act.   |
| <i>e. Bridging programme</i> | A deficiency programme with the aim of being admitted in one of the Master programmes as stipulated in Article 7.30e or Article 7.57i of the Act.                |
| <i>f. Cohort</i>             | The group of students who have registered for a degree programme for the first time in a given academic year.  |

<i>g. Component examination</i>	An assessment of the knowledge, insight, and skills of a student in relation to a component within a course or practical as defined under h, n and w, as well as the marking of that assessment by at least one examiner, appointed for that purpose by the Board of Examiners.
<i>h. Course</i>	A unit of study within the programme as intended in Article 7.3, paragraphs 2 and 3 of the Act. A course may contain several components.
<i>i. Credit (EC)</i>	A European Credit (EC) awarded in line with the <i>European Credit Transfer System (ECTS)</i> ; one EC equals a study load of 28 hours.
<i>j. Degree audit</i>	An assessment by the Board of Examiners whereby it is determined in accordance with Article 7.10 of the Act, establishes whether all examinations in the courses of the degree programme have been successfully completed.
<i>k. Deliverable</i>	A result that is delivered for a course, e.g., a report or a presentation.
<i>l. Digital exam</i>	Exam administered on a computer. This exam can be taken both on campus and online.
<i>m. Director of Education</i>	Director in the faculty responsible for the quality of education and member of the management team of the faculty.
<i>n. Elective</i>	A course that is not a mandatory part of one of the Master's programmes.
<i>o. Examination</i>	An assessment of the knowledge, insight, and skills of a student in relation to a course or practical as defined under h, o and z, as well as the marking of that assessment by at least one examiner, appointed for that purpose by the Board of Examiners. An examination can also consist of interim examinations
<i>p. Examiner</i>	The individual, who, in line with Article 7.12c of the Act, has been appointed to set the examination in the course. In the text of these Regulations, 'examiner' also means 'examiners'. In general, the course coordinator of the course acts as examiner.
<i>q. Formative examination</i>	An examination or component examination which does not count in the calculation of the final mark for the course; the formative examination aims at giving the student feedback regarding the development of knowledge and skills.
<i>r. Graduation Board</i>	Group of examiners responsible for teaching and examining during the student's Graduation Project. Also called: supervisory team.

s.	<i>Homologation course</i>	Course that is assigned to a student that is admitted to the programme with a deficiency on the topic of the homologation course.
t.	<i>Implementation Regulations</i>	The Implementation Regulations which form part of these Teaching and Examination Regulations, containing specific information and provisions regarding the programmes.
u.	<i>Institute</i>	Delft University of Technology (TU Delft).
v.	<i>MyTUDelftapp</i>	The study information system of TU Delft. Here students can a.o. find their study results and can they register for exams, courses and minors.
w.	<i>Online exam</i>	Exam not administered on campus. This can be a digital exam, but for example also a written open book exam.
x.	<i>Osiris</i>	The system for registration of educational matters. The Studentportal of Osiris is MyTUDelft.
y.	<i>Practical</i>	<p>A practical exercise as intended in Article 7.13, paragraph 2, subparagraph d of the Act, taking among others one of the following forms:</p> <ul style="list-style-type: none"> <li>• writing a thesis,</li> <li>• conducting a project or experimental design,</li> <li>• completing a design or research assignment,</li> <li>• conducting a project,</li> <li>• giving a presentation,</li> <li>• conducting a literature review,</li> <li>• completing a work placement or internship,</li> <li>• participating in fieldwork or an excursion,</li> <li>• conducting tests and experiments,</li> <li>• participating in other educational activities aimed at enabling participants to attain certain skills.</li> </ul> <p>A practical may have the size of a course (teaching unit) or component of a course.</p>
z.	<i>Programme</i>	The Master's degree programme as stipulated in Article 7.3a paragraph 1, subparagraph b of the Act.
aa.	<i>Quartile</i>	A period of 10 academic weeks (half a semester, also called 'quarter'). The academic calendar comprises four quartiles.
bb.	<i>(Responsible) supervisor</i>	The academic staff member of the faculty who acts as the (senior) examiner (chair/mentor) responsible for teaching and examining during the student's Graduation Project.
cc.	<i>Semester</i>	Half an academic year.
ee.	<i>Student</i>	A person enrolled at Delft University of Technology as a student or extraneous student in order to receive education and take the examinations and the degree audit in the degree programme.

ff.	<i>Study guide</i>	Source of information, containing the description of all courses of a programme, as published on <a href="http://studyguide.tudelft.nl">http://studyguide.tudelft.nl</a>
gg.	<i>Study length</i>	The duration of the study from the first subscription in the programme until passing the last part of the programme.
hh.	<i>Summative examination</i>	An examination or component examination which counts in the calculation of the final mark for the course.
ii.	<i>Website / Student Portal IDE</i>	The website of TU Delft, especially the web pages containing all specific and related information regarding the faculty, such as the programmes of the faculty, the rules and regulations and entries to information in Brightspace and the Study Guide. See the IDE Student Portal on <a href="https://www.tudelft.nl/en/student/ide">https://www.tudelft.nl/en/student/ide</a>
jj.	<i>Working day</i>	Monday through Friday, with the exception of recognised holidays and the collective closure days.

1. In these regulations, the term 'examination' also refers to 'component examination', with the exception of Articles 15 (paragraph 1), 17 and 20 (paragraph 1,2,3,6)
2. A written or oral examination may also be taken digitally and/or online. In these regulations the term examination is also taken to mean a digital and/or online examination, unless stated otherwise in these regulations.

### **Article 3 – The programme's objective**

The programmes aim to educate students to become a Master of Science in Integrated Product Design, in Design for Interaction, or in Strategic Product Design, taking into account that the final attainment levels described in appendix 2 (respectively paragraphs a & b, a & c, or a & d) must be achieved.

### **Article 4 – The programme's final attainment levels**

The programme's final attainment levels can be found in appendix 2.

### **Article 5 – Admission to the programmes**

1. All students possessing a certificate proving that they have successfully completed their Dutch university Bachelor's degree in Industrial Design Engineering (IDE) will be admitted to one of the three Industrial Design Engineering Master programmes.
2. Students holding another Dutch university Bachelor's degree as mentioned in the [admission matrix](#) of the faculty may be admitted with an additional bridging programme with a maximum of 30 EC after a positive decision of the Director of Education, who, if necessary, will act on the advice of the admission committee on this matter. The Bachelor's degree should be obtained prior to the start of the bridging programme. Individuals who have received foreign education prior to the earned bachelor's degree at a Dutch institution, must meet the requirements of satisfactory linguistic mastery of Dutch, as stated in appendix 6, before one can participate in a Dutch-language bridging programme. The foregoing requirement does not apply to pre-switchers who were registered in the academic year 2021-2022, with uninterrupted enrolment for the academic years 2022-2023, 2023-2024 and 2024-2025.

3. Students holding a Dutch higher professional education degree as mentioned in the [admission matrix](#) of the faculty and holding a grade point average of 7,5 or higher and an 8 or higher for their graduation may be admissible to a Master's degree programme with an additional bridging programme with a maximum of 30 EC after a positive decision of the Director of Education, who, if necessary, will act on the advice of the admission committee on this matter. The degree should be obtained prior to the start of the bridging programme. The weighted average is calculated over the entire program, excluding internships, business assignments, minors, study trips and graduation projects. The calculation method of the Industrial Design Engineering Faculty is decisive. Individuals who have received foreign education prior to the earned higher professional education degree, must meet the requirements of satisfactory linguistic mastery of Dutch, as stated in appendix 6, before one can participate in a Dutch-language bridging programme. The foregoing requirement does not apply to pre-switchers who were registered in the academic year 2021-2022, with uninterrupted enrolment for the academic years 2022-2023, 2023-2024 and 2024-2025.
4. A bridging programme prior to the admission to a Master's degree programme must be completed in accordance with Article 5a. The bridging programme is offered in the second semester (February) of the academic year.
5. In order to be eligible for admission, the student must also meet or, as the case may be, possess:
  - the general relevant criteria set by the Executive Board of TU Delft in the "Policy on fees and enrolment", laid down in Appendix 1 of the Student Charter (central part), and clarified in Part 1.2 "Entrance and admission" of the mentioned Student Charter;
  - a certificate of a Bachelor's degree as referred to in this article, together with the accompanying list of marks, proving that he possesses knowledge and competencies of a sufficiently high level and broad scope to successfully complete the programme within the allotted period.
6. Applicants holding a non-Dutch university Bachelor's degree in Industrial Design Engineering, or a non-Dutch university Bachelor's degree closely related to Industrial Design Engineering are eligible to be considered for admission. For the admission requirements and application procedure see:  
<https://www.tudelft.nl/en/education/admission-and-application/msc-international-diploma/admission-requirements>.

#### **Article 5a – Completion of bridging programme prior to the degree programme**

1. A student who is enrolled in a Bachelor's degree programme in order to follow a bridging programme with the aim of being admitted in a Master's degree programme at TU Delft must complete his bridging programme within two academic years.
2. Under exceptional personal circumstances the student can submit a well-founded request for an extension of the course duration for a period of at most twelve months.
3. The Executive Board will set the fee to be charged, as denoted in Article 7.57i of the Act, for the enrolment as student in a bridging programme and for the extension thereof, as denoted in paragraph 2 of this Article.

#### **Article 5b – Specific requirements for admission**

1. All general admission requirements referred to in Article 5 under these Teaching and Examination Regulations shall have been met by the deadline for application for one of the Master's programmes.
2. With reference to the bachelor-before-master-regulations (Harde Knip), for TU Delft bachelor students Industrial Design Engineering who seek admission to one of the IDE Master's programmes, specific Implementation Regulations are applicable. See section 5



of appendix 1 to the 'Bachelor Onderwijs en Examenregeling Industrieel Ontwerpen 2021-2022.

### **Article 6 – Taking the programme on a full-time or part-time basis**

The three Master's programmes are taught only on a full-time basis.

### **Article 7 – Language**

1. Classes are taught and examinations and degree audits take place in English.
2. Notwithstanding the provisions of paragraph 1, the Director of Education can give permission for classes to be taught in Dutch.
3. Should a student request permission to complete one or more parts of the examination or the degree audit in a language other than English, this will be subject to the stipulations of the Board of Examiners in this regard, as laid down in Article 7 of the Rules and Guidelines of the Board of Examiners.

### **Article 7a- Use of the facilities**

The faculty offers sufficient facilities for the execution of the programme. Students are obliged to follow the instructions given by the faculty regarding the use of the facilities in the faculty (such as the craft room, Model Making and Machine Lab (PMB), computer facilities, teaching areas). See also the [House Rules](#) of the faculty, the [TU Delft Regulations for the use of buildings, premises and facilities by students and visitors](#) and the [TU Delft Regulations for the Use of Educational ICT Facilities by Students](#).

## **Section 2a – Composition of the programmes and the degree audit**

### **Article 8 – Composition of the programmes and the degree audit**

1. The composition of the Master programmes Integrated Product Design, Design for Interaction and Strategic Product Design, is laid down in appendix 1, Articles 2a, 3a and 4a. The specialisation to the Master programmes is laid down in the appendix 1, Articles 2aa, 3aa and 4aa. The actual design of the educational programme is elaborated in greater detail in the Study Guide.
2. Each Master's programme starts in September. Only BSc IDE students from TU Delft, TU Eindhoven and UTwente have the possibility to start in February.
3. The Master's degree audit forms part of the programme. Each Master's programme has a total study load of 120 credits (EC).
4. It is not permitted for any course in the Master examination programme to have been part of the bachelor's degree programme on the basis of which the student was admitted to the programme. If a compulsory course in the examination programme was already completed in the aforementioned bachelor's degree programme, the Board of Examiners will designate an alternative course in its place. If an elective course in the examination programme was already completed in the aforementioned bachelor's degree programme the student must choose an alternative elective course.
5. The Master's degree audit is concluded with a graduation project. This project demonstrates that the student possesses and is able to apply the knowledge, insight and skills acquired in the degree programme.

### **Article 8a Expired**



### **Article 8b Evaluation of the study programme**

1. The Director of Education is responsible for the evaluation of the education.
2. The way in which the teaching in the study programme is evaluated is laid down in the Handbook of quality assurance and the yearly Programme of activities of quality assurance, which will be submitted to the Faculty Student Council and the Board of Studies upon amendment.
3. The Director of Education informs the Board of Studies concerning the outcomes of the evaluation, the intended adjustments based on these outcomes and the effects of actual adjustments.

## **Section 2b – Honours Programme Master IDE**

### **Article 9 – Honours Programme Master Industrial Design Engineering**

1. The Honours Programme Master is an individual programme in addition to the regular Master's programme and is offered in the 2nd, 3rd and 4th semester.
2. Students who have finished their bachelor programme with an average mark of 7.5 (out of 10) or higher and/or nominal students who have shown an excellent performance during the first Master semester may apply by means of an essay.
3. The English written essay contains the motivation and expresses the vision and/or goal that the student wants to pursue with the Honours Programme Master. In addition to that a proposal for an honours programme (activities and content) and corresponding planning is added. The programme should show coherence within a specific theme.
4. Based on the criteria referred to in 9.2 and 9.3, students will be selected and admitted to the Honours Programme Master by or on behalf of the Director of Education.
5. The IDE Honours Programme Master will comprise at least 21 credits:
  - a. Of these 21 credits, 5 must be completed in the TU Delft component of the Honours Programme Master
  - b. The remaining credits (16) must be completed in the faculty component of the Honours Programme Master
6. Any student selected for participation in the Honours Programme Master must submit his options for the faculty component to the Director of Education for approval.
7. The Honours Programme Master has to be finished during the nominal duration of the Master's programme.
8. The Board of Examiners will be responsible for assessing whether all the requirements of the Honours Programme Master have been met.
9. Any student who has successfully completed the Honours Programme Master will be awarded a certificate signed by the chair of the Board of Examiners and the Rector Magnificus.

## **Section 3 – Application for courses, admission and participation**

### **Article 10 – Mandatory applications for Master's courses**

1. A mandatory application for all courses (mandatory and electives courses) shall be made via the electronic applications system Osiris in the period that Osiris is opened for that purpose.
2. For all courses (mandatory and electives) the application for courses in the first semester (Fall) opens in week 4 and 5 of quarter 4 and for the second semester (Spring) in week 4 and 5 of quarter 2. Students will have two working weeks to register for the courses of the next semester. The application for courses has to take place per semester, meaning for courses of 2 quartiles at once.

3. Students may register for courses with a total maximum study load of 40 credits per semester. A student who wishes to take more courses must submit a written request for this, giving their reasons, to the Director of Education of the faculty (via [educationregulations-ide@tudelft.nl](mailto:educationregulations-ide@tudelft.nl)), before the registration period as referred to in paragraph 2 of this Article, after first seeking advice from the academic counsellor. If permission for this is granted, the programme will arrange the registration for the extra course(s).
4. The faculty will enrol students from non-TU Delft IDE programmes and exchange students insofar as they want to participate in Master's courses in the first semester of arrival.
5. Students who have not made one or more applications for courses in due time according to the prescribed procedure, do not have permission to participate in the particular Master's courses.
6. A student may request the Director of Education (via [educationregulations-ide@tudelft.nl](mailto:educationregulations-ide@tudelft.nl)) to grant him exemption from the requirements of applying for the programme's courses on the grounds of special circumstances. Before reaching a decision, the Director of Education shall, if necessary, hear the student and/or the academic counsellor. The Director of Education, in taking a decision, weighs the interest of the student and the interest of the faculty organisation against each other.
7. If a student registers for elective courses with the same time slot, the director of education determines which elective the student is assigned to.
8. If a student has taken a course (or part of a course) for which an assessment will be given, without having registered for this course correctly or on time, any given assessment is invalid. The student may submit a written request to the Board of Examiners asking for a valid assessment and explaining their reasons. The Board of Examiners will only honour such a request in the event of exceptional circumstances.
9. Registration for a course does not count as registration for an examination. Students must register for examinations separately in accordance with the relevant provisions.

#### **Article 11 – Withdrawal from courses or electives**

1. A student who decides not to take part in a Master's course for which he has already registered, has to withdraw from that course until the first Friday of the quarter in which the course is offered. A student can withdraw from a course in the MyTUDelftapp using the de-register link.
2. A student who has withdrawn from a course and wishes to take it at a following opportunity must re-register for the course in accordance with the provisions of Article 16a.

#### **Article 11a – Sequence of courses and examinations**

1. Students participating in courses referred to as or including a 'Master specific project' (according to Articles 2a, 3a and 4a of Appendix 1) are urged to take the related Master specific courses in the same semester.
2. The MSc elective Internship can only be taken during the 3rd semester of the programme, or thereafter. This implicates that the student has been registered in the Master's programme for four quarters. In addition, at least 30 EC of the compulsory courses should be obtained prior to the start of the Internship.
3. A student may start a Graduation Project at the earliest at the beginning of the 4th semester of his programme, provided that he has obtained all credits from the Master's first year programme.

**Article 11b – Decision on participation in elective courses**

1. Whether a student can participate in an elective course is decided by the Director of Education. In any case, the Director commits oneself to make an effort for offering students the opportunity to obtain as many credits (EC) for elective courses as their nominal programme indicates.
2. The following groups of students are eligible when including students in an elective, if the number of applications exceeds the number of places available:
  - students who applied on time AND who satisfy the admission requirements for the Master's programme or Master's courses AND who have not already obtained the required number of credits for elective courses,
  - exchange students insofar as they want to participate in Master's courses in the first semester of arrival.

In this case, inclusion will take place by lot.

**Article 12– Announcement of participation**

The mandatory and elective courses a student registered for and can participate in, will be visible in Osiris/MyTUDelftapp.

**Article 13 – Mandatory attendance and participation in courses**

1. A student is expected to participate actively in the programme for which he is registered.
2. A student shall meet all requirements the examiner has stipulated in the course (e.g., regarding attendance, participation and deliverables).
3. Any supplementary obligations are described by component in the course description in the study guide.
4. A student who has registered for a course in Osiris is obligated to confirm participation at the start of that course, unless the examiner at a proper time has stipulated other instructions on confirmation of participation (e.g., on Brightspace). A student who fails to attend the first meeting of a course when obligatory or fails to follow the stipulated instructions of the examiner, loses the right to participate any further in that course.
5. If a student fails to attend one or more obligatory meetings and/or has not met the requirements applicable to a course or part thereof, no marks shall be awarded for his work in that course or part thereof. Not meeting the requirements may also lead to expulsion from further participation in a course.
6. A student shall strictly adhere to instructions issued by the faculty regarding the use of facilities. The faculty may give such instructions if necessitated by the capacity of the facilities or in order to ensure safety during courses.
7. A student may request the Director of Education (via [educationregulations-ide@tudelft.nl](mailto:educationregulations-ide@tudelft.nl)) to grant exemption from the requirements in paragraphs 2 (see also paragraph 8 of this article), 3 and 4 on the grounds of special circumstances. Before reaching a decision, the Director, if necessary, hears the student, the examiner and/or the academic counsellor.
8. A student may request the Board of Examiners (via [educationregulations-ide@tudelft.nl](mailto:educationregulations-ide@tudelft.nl)) to grant exemption from the requirements regarding the deliverables on the grounds of special circumstances. Before reaching a decision, the Board of Examiners, if necessary, hears the student, the examiner and/or the academic counsellor.

**Article 14a – Courses outside the TUD**

The maximum number of credits awardable for a single course taken at another university is 15 EC, even if the actual workload was higher.

### **Article 14b – Studying a part of the programme abroad**

Subject to the prior permission of the Board of Examiners, it shall be possible for a student to receive education for e.g., one semester at a university abroad as replacement of a part of the student's original IDE Master's programme (elective and/or mandatory courses) under the following conditions (see also Appendix 3):

- a. the faculty has a co-operation or exchange agreement with the university abroad, and
- b. the education abroad shall be deemed equivalent to the attainment levels of the missed education within the student's original Master's programme.

## **Section 4 – (Component) Examinations and completing practicals**

### **Article 15 – Number and times of (component) examinations**

1. There are two opportunities in each academic year for sitting written (component) examinations. The previous provision applies equally to assessments other than written examinations unless this cannot be reasonably demanded of the programme (this applies for example for practicals). In those cases, a different option will be provided, if at all possible. Participation in this may –within the limits of proportionality- be subject to additional requirements. See also paragraph 3 of this article.
2. The times in which the examinations can be taken are:
  - at the end of the quartile for the course to which the (component) examination in question relates,
  - at the end of the following quartile, and for courses in the 4th quartile during the summer re-sit according to the TU Delft academic calendar.

Based on educational and/or organizational reasons, the Director of Education may determine that students be given the opportunity to take exams in another week of the quartile in question. Students involved will be informed by e-mail and via Brightspace.

3. A student shall in principle have one opportunity each year to complete practicals. Additional opportunities may be provided only if stated in the description of the course contained in the Study Guide. See also Article 17 of the TER on validity of marks and Article 16.7 of the Rules & Guidelines from the Board of Examiners on the conditions to upgrade marks.
4. Each year a (preliminary) timetable of all the opportunities to sit written (component) examinations is drawn up. The timetable is distributed at the latest before the start of each semester. In principle, written examinations take place on a working day and resits in the evening on a working day. The times and dates referred to in this paragraph shall be determined with a view to preventing simultaneous (component) examinations as far as possible. Examinations of two successive academic years shall not be conducted simultaneously. A time or date within the meaning of this paragraph shall not be changed except in the case of force majeure or changes approved by the Board of Examiners. Students will be informed by e-mail in case of such a change. A message will also appear on Brightspace.
5. If an examinee must submit practical work (e.g., a portfolio) for marking, the time of submission shall be made known at the start of the course or practical concerned. The examiner may decide not to mark practical work not submitted by the prescribed time.
6. Oral examinations shall take place at a time determined by the examiner, if possible after consulting with the examinee.
7. The provisions of paragraphs 3, 4 and 5 shall apply *mutatis mutandis* to (component) examinations conducted other way than in writing, orally or by submitting practical work.

8. If there is no indication as to the number of times a particular (component) examination can be taken in any one academic year because it relates to a course not taught by the programme itself, the relevant stipulations in the Teaching and Examination Regulations of the other programme will apply. The Board of Examiners reserves the right to make decisions that deviate from the norm regarding this matter.
9. In exceptional cases, the Board of Examiners may permit more than two opportunities in a year for certain (component) examinations and practicals.

**Article 16a - Registering for written examinations**

1. Registration to participate in a written examination, including a written examination that is taken online, remotely from the university, is compulsory and is done by entering the requested data into Osiris no later than 14 calendar days before the examination. Students receive examination tickets by email as confirmation of their registration. Contrary to this, a registration period of six calendar days applies to resits in the summer resit period. The student will receive an exam ticket by email as confirmation
2. Students may submit a request to register for an examination after the deadline mentioned in subsection 1 has passed but no later than 6 calendar days before the examination in question, in Osiris by being placed on a waiting list. The request will be honoured providing that places are available in the room or rooms where the examination is scheduled to take place. The student will receive an exam ticket by email as confirmation.
3. In the event of circumstances beyond a student's control resulting in the student being unable to register for an examination, the Board of Examiners may nevertheless permit the student to participate in the examination.
4. 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.
5. Students who have not registered for the examination and are therefore not included on the list of examinees can report on the day of the examination to the invigilator beginning 15 minutes before the start of the examination until the actual start. They will be admitted to the examination room, in the order that they reported to the invigilator, 30 minutes after the start of the examination, if sufficient places are available. The loss of 30 minutes of examination time cannot be compensated. Students who have been granted late access to the examination will be added to the list of examinees. The student participates in the examination subject to the validation of entitlement to participate in the examination.
6. In the situation described in the previous section, if it is found that a student was not entitled to participate in the examination, the examination work will be deemed invalid, it will not be marked and it will not count towards a result. The student may subsequently submit an appeal to the Board of Examiners, accompanied by reasons, requesting that the examination work that has been deemed invalid be declared valid and to have it assessed. The Board of Examiners will approve the request only in case of extenuating circumstances.
7. Section 2 and 5 of this article do not apply to a written examination that is taken online, remotely from the university.
8. If unforeseen circumstances or measures make it necessary to change the form or manner of taking the examination, the Board of Examiners may determine a different registration period in favour of the student.

**Article 16b - Withdrawal or absence from written examinations**

1. It will be possible to withdraw from an examination via the examination registration system up to 3 calendar days before the examination takes place.
2. Any student who has withdrawn from an examination has to re-register on a subsequent occasion, in accordance with the provisions of Article 16a.

**Article 17 – Validity of examinations**

1. The results of a final course grade are valid for an unlimited period. The dean can restrict the period of validity of a successful final course grade only if the knowledge or insight that was examined has become outdated or if the skills that were examined have become outdated.
2. The terms of clause 1 likewise apply to component examinations, unless is stated differently.
3. In cases involving a limited period of validity based on the first section, the period of validity shall be extended at least by the duration of the acknowledged delay in studies, based on the TU Delft Profiling Fund Scheme.
4. In individual cases involving special circumstances, the Board of Examiners can extend periods of validity that have been limited based on the first section or further extend periods of validity that have been extended based on the third section.
5. For the MSc IPD, DfI and SPD courses which include a Master specific project (see appendix 1) the following paragraph applies:  
In principle a sufficient result of a summative component of a Master specific project is valid only during the academic year in which it has been achieved. If a student achieves a sufficient result for a summative component examination of a course (at least 6,0 or V) in the preceding academic year, and the summative component in question and/or the course in question remains unchanged in either content or form in the subsequent year at the discretion of the examiner, the validity of the result will be extended until the end of that academic year. The validity is only extended once.

**Article 18 – The form of examination and method of assessment**

1. (Component) examinations in courses are set as described in the Study Guide. It contains a description of the moments at which and the number of times that examinations can be taken, along with their frequency, without prejudice to the provisions of these regulations concerning written and oral examinations. In the event of unforeseen circumstances or measures, the Board of Examiners may determine that the manner prescribed may be deviated from. If an examination is taken using online proctoring, this takes place in accordance with the TU Delft Online Proctored Examination Regulation.
2. The Board of Examiners may deviate from the provisions of paragraph 1 of this article, in favour of the student.
3. Well before a written examination, meaning at least two weeks before a written exam, the examiner will give the students an opportunity to familiarise themselves with representative sample questions and criteria by which the examination will be assessed. The teacher or examiner will provide accompanying guidelines for the way in which the sample questions are answered.

**Article 19 – Oral examinations**

1. One student at a time will sit an oral examination, unless the Board of Examiners specifies otherwise.
2. An oral examination is held by at least two examiners. Deviation of this rule must be approved by the Board of Examiners. The course coordinator should therefor submit a substantiated request. In case the oral exam by one examiner is permitted by the Board



of Examiners, the oral exam should be recorded (audio and/or video) and stored for two months to be counted from the registration of the grade in Osiris. In case of a complaint or objection, the recording will have to be stored longer, see also article 13.2 of the Rules & Guidelines from the Board of Examiners.

3. Oral (component) examinations shall not be public, unless the Board of Examiners has decided otherwise. In deviation from this first clause, a final presentation is given publicly except in special cases in which the Board of Examiners has decided otherwise, whether or not at the request of the student.
4. Prior to an oral (component) examination, the examiner must ask the student to provide proof of identity.

### **Article 20 – Determining and announcing the results**

1. The examiner is required to determine the result of an oral examination as quickly as possible but no later than within 15 working days after it took place. The student receives the result in writing. The examiner registers the result in Osiris within 15 working days after it took place. The registration date of the result of the oral examination is the date of sitting the examination.
2. In the case of written examinations, the examiner ensures that the results are registered and communicated in Osiris as quickly as possible but no later than within 15 working days of the examination date. The registration date of the result of the written examination is the date of sitting the examination.
3. The examiner shall determine the result of a practical as soon as possible and in all instances within 15 working days of the end of the practical, providing that the student has handed in the works of his practical on the date set before the start of the course. The examiner registers the result in Osiris within 15 working days. The registration date of the result of the practical is the date of handing in the works of the practical.
4. In the event that within course consecutive summative component examinations have to be taken and the knowledge gained within a previous component examination is important for being able to take a subsequent component examination, the examiner shall determine the result of the previous component examination 5 working days prior to the subsequent component examination. Where this is not possible, the examiner shall debrief the student timely about the previous component examination and inform the Board of Examiners about this matter immediately.
5. If the result of a component examination or practical is not to be registered in the registration system, the examiner will publish the results on the course's Brightspace site within 15 working days.
6. Contrary to the previous provisions, results for examinations administered in the last regular examination period (Q4) shall be determined, registered and published by no later than the Friday following the final week of this examination period.
7. Publishing the results will always happen taking due account of the student's privacy.
8. If, due to exceptional circumstances, the examiner is unable to meet the requirements stated in this Article, he must inform the Board of Examiners, stating the reasons for the delay. The examiner will then inform the students.
9. Upon receiving the result of an (component) examination or practical, the student will be made aware of his right to inspect the results as referred to in Article 21 and the opportunity to discuss the results as referred to in Article 22 as well as about the possibility of appealing to the Examinations Appeals Board.

### **Article 21 – The right to inspect the results**

1. For a period of at least 20 working days after notification of the results of any written (component) examination or practical, the student has the right to inspect his marked



work, upon request. During the inspection of the assessed work, it is not permitted to copy the underlying questions in any way, unless the examiner has decided otherwise. If a student intends to lodge an appeal regarding the marking of his work, he will on his request be supplied with a copy of the marked work.

2. During the period referred to in paragraph 1, a student who sat the exam may acquaint himself with the questions and assignments set in the examination, as well as with the criteria used for marking.
3. The examiner may determine that the right to inspection or perusal referred to in paragraphs 1 and 2 will take place at a location specified beforehand and at a time, also specified beforehand.
4. If the student can prove that he is or was unable to be present at the location at the set time due to circumstances beyond his control, then another opportunity will be provided, if possible, within the period stated in paragraph 1. The location and times mentioned in the first sentence will be announced well in advance.

### **Article 22 – Discussing the examination results**

1. As soon as possible after the results of an oral examination have been announced, an opportunity can be arranged for the examiner to discuss the results with the student, either at the student's request or at the instigation of the examiner. At this meeting, the reasons behind the marks awarded can be explained. During the discussion of the assessed work, it is not permitted to copy the underlying questions in any way, unless the examiner has decided otherwise.
2. For a period of 20 working days after the results have been announced, students who have taken a written (component) examination or handed in the works of a practical may submit a request to discuss the results with the relevant examiner. The discussion will take place within a proper time span and at a place and time determined by the examiner.
3. In cases where a collective discussion is organised by or on the instructions of the examiner, a student may only submit a request, as described in paragraph 1, if he was present at the collective discussion and if he provides a good reason for the request or if, due to circumstances beyond his control, he was unable to attend the collective discussion.
4. The provisions of paragraph 3 are similarly applicable if either the Board of Examiners or the examiner first gives the student the opportunity to compare his answers with model answers.
5. The Board of Examiners may permit deviations from the provisions of paragraphs 2 and 3 of this article.

### **Article 23 - Declaring an examination or part thereof invalid**

The Board of Examiners is authorized to declare an examination or a part thereof invalid if a proper assessment of the knowledge, insight and/or skills of the student on the examination or part thereof has not reasonably proved possible. See also article 8a of the Rules and Guidelines of the Board of Examiners.

## **Section 5 – Studying with a support need**

### **Article 24 – Adaptations to help students with a support need**

1. Students who have a support need means students who are held back due to a functional limitation, disability, chronic illness, psychological problems, pregnancy, young parenthood, gender transition, or special family circumstances, for example in relation to informal care.  
Upon a written and substantiated request to that effect, students with a support need

may be eligible for adjustments in teaching and examinations. These changes will be geared as much as possible to a student's individual needs, but they must not affect the quality of the degree or difficulty of a course, practical or a programme. The facilities provided to this end may involve adapting the form or duration of examinations and/or practicals to the student's individual situation or the provision of practical aids.

2. The request as said in paragraph 1 must be accompanied by a valid medical statement. In case of dyslexia, the request should be accompanied by a document issued by a recognised dyslexia-testing bureau (i.e., registered with BIG, NIP, or NVO). If possible, this statement should include an estimate of the extent to which the condition is impeding the student's academic progress.
3. Requests for the adaptation of teaching facilities will be decided upon by the Director of Education. The Board of Examiners or the, by the Board of Examiners mandated, academic counsellor will decide on requests for adaptations to examinations. The student, having consulted the academic counsellor, should send a request to [educationregulations-ide@tudelft.nl](mailto:educationregulations-ide@tudelft.nl).
4. Adjustments to the assessment procedure, including examinations and other forms of assessment, may concern the following matters, i.e.:
  - the form of assessment (e.g., replacing a written examination by an oral one or vice versa, testing knowledge of the studied material by way of interim examinations, or granting an exemption from attendance);
  - time-related matters (such as granting more time during examinations, wider spreading of examinations across the examination period, granting exemptions from admission requirements, or extending the period within which a component must be completed);
  - aids permitted during examinations (such as an English-Dutch dictionary for candidates with dyslexia);
  - the location (taking examinations in a separate low stimulus space).
5. Adjustments to the educational facilities may concern the following matters, among others:
  - making modified furniture available in the classrooms and examination rooms;
  - making special equipment available (such as magnifying or Braille equipment for blind or partially sighted students, or audio induction loops and solo equipment for students who are deaf or hearing impaired);
  - making special computer facilities available (such as voice recognition or speech synthesis software);
  - making a quiet room available.

## Section 6 – Exemptions

### **Article 25 – Exemption from (component) courses**

The Board of Examiners, having been advised by the relevant examiner, may decide, if necessary, to exempt students from (component) examination on the grounds of:

- a. (component) examination or degree audit completed in a system of higher education within or outside the Netherlands that corresponds to the examination for which the exemption has been requested in terms of content, level and study load or
- b. knowledge and/or skills acquired outside the higher education system.

### **Article 26 – Requests for exemption**

1. An examinee shall submit a written request for exemption to the Board of Examiners stating reasons.

2. The Board of Examiners shall hear the examiners concerned before deciding on the request.
3. The Board of Examiners shall decide on the request within one month of receiving it. The requester shall be informed immediately of the decision.
4. An examinee who already has an exemption under or pursuant to the Act for one or more parts of the examination shall inform the Board of Examiners and examiner accordingly.

## Section 7 – Degree audit

### **Article 27 – The times and frequency of the degree audit**

Master's degree audits shall be conducted individually as a rule. The supervisory team concerned shall determine the date on which the student shall sit the degree audit, providing that the student has satisfied all educational requirements.

## Section 8 – Study support and monitoring of student progress

### **Article 28 – Study support and monitoring of student progress**

1. The Dean is responsible for providing individual study supervision to students registered for the degree programme, partly for their orientation towards potential study options within and outside the degree programme. He will also ensure that effective support and supervision is provided to students in making choices related to their studies.
2. The examination programme applying to each student is documented in Osiris.
3. The Student Administration is responsible for ensuring that all students are able to review and check their results in the Osiris student-information system.

## Section 9 – Contravention with the TER, changes and appeal

### **Article 29 – Contravening the regulations**

If a manual and/or any other regulations relating to the programmes prove to contravene these Teaching and Examination Regulations and the accompanying appendixes, precedence will be given to the provisions of these Teaching and Examination Regulations in combination with the appendixes.

### **Article 30 – Changes to the regulations**

1. Any changes made to these regulations will be made by special resolution of the Dean.
2. No changes made during the academic year stated will affect the current academic year, unless it is reasonable to suppose that the interests of students will not be adversely affected.
3. Amendments to these regulations may not lead to disadvantages to any decisions that have been made with regard to individual students.
4. In the event of unforeseen circumstances or measures, the Dean may decide to deviate from these regulations, including the actual form of the education and any compulsory attendance requirements. This also means that the provisions in the study guide may be deviated from.

### **Article 31 – Transitional regulations**

1. If the composition of the programme undergoes substantive changes, the Director of Education will draw up and publish transitional regulations. Such transitional regulations are required to include:

- a. a provision concerning the exemptions that can be given on the basis of the examinations already passed,
  - b. a provision specifying the period of validity of the transitional regulations,
  - c. expiration of the validity of results of an examination within the meaning of Article 17 shall be made known at least one year in advance.
2. Students shall follow the degree programme as it applied or applies during the first academic year of their enrolment, unless components of the programme are no longer offered. In such cases, students must transfer according to the applicable transitional measures. Deviations require the approval of the Board of Examiners. Before submitting a request to this end, the student must have first obtained recommendations from an academic counsellor.
  3. If a course is removed from the programme, four opportunities to sit a written examination in this course will be granted after the last classes have been taught: an examination following on from the classes, a re-sit in the same academic year, and two re-sits in the subsequent academic year.

### **Article 32 – Publication of the regulations**

1. The Director of Education is responsible for ensuring a suitable announcement of these regulations and any amendments to them.
2. In any case, The Teaching and Examination Regulations are to be posted on the faculty's website.

### **Article 33 – Right of appeal**

A student can appeal or object a decision of the Director of Education within six weeks after the student has been notified of the decision. For decisions as stipulated in Article 7.61 of the Higher Education and Scientific Research Act the [appeal](#) should be brought before the Examination Appeals Board for the Examinations. For decisions as stipulated in Article 7.63a of the Higher Education and Scientific Research Act the [objection](#) should be brought forward to the objection committee TU Delft students. The appeal or objection should be sent to Legal Affairs, mailbox 5, 2600 AA Delft. The Director of Education will refer to these possibilities in its decision.

For more information about an appeal against a decision of the Board of Examiners or an examiner, see Article 33 of the Rules and Guidelines of the Board of Examiners.

## **Section 10 – These Regulations coming into force**

### **Article 34– These Regulations coming into force**

These regulations shall enter into force on the first day of the academic year 2023-2024. Drawn up by the Dean of the IDE Faculty on August 31, 2023.

## Appendix 1 - MSc study programmes, electives, specialization and annotation

### Section 1 – General

In Sections 2, 3 and 4 of this appendix to the Teaching and Examination Regulations (TER) 2023-2024 the IDE Master's examination programmes are described as offered in the academic year 2023-2024:

- For the Master programme Integrated Product Design (IPD) turn to:
  - Section 2a if the start is between September 2016 and February 2023
  - Section 2b if the start is in September 2023 or February 2024;
  - Section 2c for the IPD transition rules for students who started in the IPD programme in February 2023 or before and still have to finish one or more mandatory IPD courses.
- For the Master programme Design for Interaction (DfI) turn to:
  - Section 3 if the start is in September 2016 or after.
- For the Master programme Strategic Product Design (SPD) turn to:
  - Section 4 if the start is in September 2016 or after.

For students who started in September 2010 or after – up to and including February 2016, the Master programmes can be found in Appendix 1 of the TER 2020-2021.

An overview of several equivalencies between the 2016 Master programmes and the Master programmes DfI 2010, SPD 2010 and IPD 2011 can be found in Appendix 6 of the implementation regulations to the TER 2016-2017 and 2017-2018.

For students who started in the Master Variant for Engineering variant of the SPD- or IPD MSc programme in the period between September 2018 and September 2022, the MSc exam programme can be found in Appendix 1 of the TER 2022-2023.

If the start of the IDE Master's programme preceded the dates mentioned above, please refer to the examination programmes in the Implementation Regulations to the Teaching and Examination Regulations of the relevant academic year or consult an academic counsellor. Transition regulations may be applicable.

#### **Article 1 – Semesters**

The academic year consists of 40 weeks excluding the August re-sit weeks. The academic year is divided into two semesters of two quartiles each. Each quartile contains 10 weeks.

## Section 2 – 2016 Master's programme Integrated Product Design (IPD)

For students who start their Master IPD in September 2016 or after. For transition and other regulations, if any, see Section 1.

### Article 2a – Composition of the 2016 Master's programme IPD

code	course name	EC	assessment <sup>1</sup>
ID4010	Design Theory and Methodology *	3	
ID4060	Manage your Master *	2	
ID4070	IDE Academy *	4	
ID4135-16	Modelling	3	
ID4170	Advanced Concept Design **	21	
ID4175	Advanced Embodiment Design Project**	21	
ID4180	Managing Product Innovation	3	
ID4185	Strategic Sustainable Design	3	
	Electives	30	
ID4190-16	Graduation Project (IPD)	30	

\* Courses are referred to as 'general Master course IDE'.

\*\* Courses include a 'Master specific project IPD'. For these courses, Article 17.5 of the TER is applicable.

### Article 2aa – Specialisation in IPD: Medesign

The following conditions apply to the specialisation Medesign in IPD:

1. The student shall organise the following courses in a way specific to this specialisation:
  - one Medesign specific project: either a 'Master specific project IPD' within the courses with code ID4170 or ID4175 (according to Article 2a) or a project within an elective course (e.g., ID5045 Joint Master Project, ID5212 Experiencing Persuasive Environments or ID5663 Contextmapping Skills);
  - the Graduation Project (IPD), code ID4190-16.
2. The student shall pass at least two specialisation-specific IDE-electives and obtain in total at least 9 EC of specialisation-specific electives<sup>2</sup>.

---

<sup>1</sup> See the [Study Guide](#) for the form of examination, the method of assessment, the teaching and examination period, contact hours and the admission requirements for each course.

<sup>2</sup> For an overview of Medesign-specific electives, see this [website](#).

## Article 2b – Composition of the 2023 Master's programme IPD

code	course name	EC	assessment <sup>3</sup>
ID4010	Design Theory and Methodology *	3	
ID4060	Manage your Master *	2	
ID4070	IDE Academy *	4	
ID4120-23	Technical Ergonomics and Product Experience	3	
ID4130-23	Knowledge and Intelligent Design	3	
ID4135-23	Modelling	5	
ID4140-23	Material Driven Design	5	
ID4170-23	Advanced Concept Design **	18	
ID4175-23	Advanced Embodiment Design **	10	
ID4180	Managing Product Innovation	3	
ID4185-23	Strategic Sustainable Design	4	
	Electives	30	
ID4190-16	Graduation Project (IPD)	30	

\* Courses are referred to as 'general Master course IDE'.

\*\* Courses include a 'Master specific project IPD'. For these courses, Article 17.5 of the TER is applicable.

### Article 2bb – Specialisation in IPD: Medesign

The following conditions apply to the specialisation Medesign in IPD:

3. The student shall organise the following courses in a way specific to this specialisation:
  - one Medesign specific project: either a 'Master specific project IPD' within the courses with code ID4170-23 or ID4175-23 (according to Article 2a) or a project within an elective course (e.g., ID5045 Joint Master Project, ID5212 Experiencing Persuasive Environments or ID5663 Contextmapping Skills);
  - the Graduation Project (IPD), code ID4190-16.
4. The student shall pass at least two specialisation-specific IDE-electives and obtain in total at least 9 EC of specialisation-specific electives<sup>4</sup>.

## Article 2c – IPD transition rules for students who started in the IPD programme in February 2023 or before and still have to finish one or more mandatory IPD courses

### Introduction

These transitions rules are set up because of the introduction of the updated IPD MSc programme as of September 2023.

These transition rules apply to all IPD MSc students who have started the MSc IPD programme in February 2023 or before and have not finished the mandatory courses/the first two semesters of the MSc IPD-programme.

<sup>3</sup> See the [Study Guide](#) for the form of examination, the method of assessment, the teaching and examination period, contact hours and the admission requirements for each course.

<sup>4</sup> For an overview of Medesign-specific electives, see this [website](#).



**Transition rules**

- IPD students are advised to complete all components of a mandatory IPD-course in academic year 2022-2023 in order to obtain credits/a final grade for the course in OSIRIS.
- In academic year 2023-2024, courses offered in 2022/2023 with a written and digital exam will organise two last opportunities to do the written/digital exams. These exams will be organised in the same exam periods as they are planned in 2022-2023
- In the table below is described in which way a student can fulfil the requirements of the IPD-programme in case a course of the current 2016 IPD-programme is not fully finished on August 31, 2023. For each course in the current-IPD-programme (see left column) an equivalence is described in right column.

Note: a student has fulfilled the requirements of the IPD exam programme when the courses mentioned in the left column are finished or if the equivalent of these courses (see right column) are finished. Furthermore, the total IPD programme (first year courses, elective space and graduation project) should count up to at least 120 EC.

<b>First year IPD-courses of 2016 IPD programme</b>	<b>Equivalence information</b>	<b>What to do in case a student has not finished one or more first year IPD-courses.</b>
ID4060 MYM (2 EC)	=	ID4060 MYM (2 EC)  <i>No changes in this course, the student can (re)take the course in academic year 2023/2024</i>
ID4070 IDE Academy (4 EC)	=	ID4070 IDE Academy (4 EC)  <i>No changes in this course, the student can (re)take the course in academic year 2023/2024</i>
ID4010 Design Theory and Methodology (3 EC)	=	ID4010 Design Theory and Methodology (3 EC)  <i>No changes in this course, the student can (re)take the course in academic year 2023/2024</i>
ID4180 Managing Product Innovation (3 EC)	=	ID4180 Managing Product Innovation (3 EC)  <i>No changes in this course, the student can (re)take the course in academic year 2023/2024</i>
ID4135-16 Modelling (3 EC)	is equivalent to	New course Modelling of 5 EC  <i>In case a student did not finish/complete the course ID4135-16 in or before academic year 2022/2023, the student will have to follow the new 5 EC course Modelling. The surplus of 2 EC can be used as part of the 30 EC elective space.</i>

ID 4185 Strategic Sustainable Design (3 EC)	Is equivalent to	<p>New course Strategic Sustainable Design of 4 EC.</p> <p><i>In case a student did not finish/complete the course ID4185 in or before academic year 2022/2023, the student will have to follow the new 4 EC course Strategic Sustainable Design. The surplus of 1 EC can be used as part of the 30 EC elective space.</i></p>
ID4170 Advanced Concept Design (21 EC)	Is equivalent to the	<p>New courses:</p> <ul style="list-style-type: none"> <li>- Advanced Concept Design of 18 EC and</li> <li>- Knowledge and Intelligence Design of 3 EC</li> </ul> <p><i>*In case a student has not followed the course ID4170 ACD in academic year 2022/2023 or before, the student will have to follow the two new courses mentioned above.</i></p> <p><i>In the event that a student has already followed ID4170 in 2022/2023 or before, a transition rule applies. Please read the two possible options for students below:</i></p> <p><i>*For students who have followed ID4170 in academic year 2022/23 for the first time and did not fully pass the course the following applies:</i></p> <ul style="list-style-type: none"> <li>- Only the summative part(s) of the project and expertise areas for which the student has received a grade 6,0 or higher can be extended as valid in 2023/2024.</li> <li>- In case the student has not yet finished the technology part, the student must follow the new course Knowledge and Intelligence Design (KID) of 3 EC, which replaces this part in the course. For this new course KID, the rules &amp; regulations of the 2023 IPD programme apply: the course has been passed only if the grade is 6,0 or higher.</li> <li>- In case a student has not finished one or both ACD</li> </ul>

		<p><i>projects of ID4170, the student will have to register for the new ACD course of 18 EC and take the Design Project part of ACD.</i></p> <ul style="list-style-type: none"> <li>- <i>In case a student has not finished the Ergonomics part of the course, the student will have to register for the new ACD course of 18 ec and take the Ergonomics part</i></li> <li>- <i>In case a student has not finished the Culture part of the course, the student will have to register for the new ACD course of 18 ec and take the Culture part of the course</i></li> <li>- <i>In case a student has not finished the Visualisation part of the course, the student will have to register for the new ACD course of 18 ec and take the Visualisation part.</i></li> </ul> <p><i>*For students who have followed the ID4170 ACD course in academic year 2021/2022 or before and did not fully pass the course, the following applies: the subgrades are not valid anymore since subgrades of 6,0 or higher can only be extended once and to the following academic year. If a student is in this situation, the following applies: follow the two new courses Advanced Concept Design of 18 EC and Knowledge and Intelligence Design of 3 EC that are together equivalent to the ID4170 ACD course.</i></p>
ID4175 Advanced Embodiment Design (21 EC)	Is equivalent to the	<p>New courses (in total):</p> <ul style="list-style-type: none"> <li>- Advanced Embodiment Design Project (10 EC)</li> <li>- Technical Ergonomics and Product Experience (3 EC)</li> <li>- Material Driven Design (5 EC)</li> <li>- 3 EC elective course, free choice for students.</li> </ul> <p><i>*In case a student has not yet followed the course ID4175 AED in academic year 2022/2023 or before, the student will have to follow the four equivalent courses mentioned above.</i></p>

		<p><i>In the event that a student has already followed ID4175 in academic year 2022/2023 or before, a transition rule applies. Please read the two possible options for students below:</i></p> <p><i>*For students who have followed ID4175 in academic year 2022/23 for the first time and did not fully pass the course the following applies:</i></p> <ul style="list-style-type: none"> <li><i>- Only the summative part(s) of the project and expertise areas for which the student has received a grade 6,0 or higher can be extended as valid in 2023/2024.</i></li> <li><i>- In case the student has not yet finished the Product Experience part, the student will have to follow the new course Technical Ergonomics and Product Experience. If the grade for this course is 5,0 or higher, it will be incorporated in the calculation of the grade for the ID4175 AED course.</i></li> <li><i>- In case a student has not finished the AED project of the course, the student will have to register for the new Project AED course of 10 EC. After having finished the course with a grade 6,0 or higher, the grade for this course will be incorporated in the calculation of the grade for the ID4175 AED course.</i></li> <li><i>- In case a student has not finished one or more of the following expertise areas: Advanced Design Enablers, Advanced Ergonomics Feasibility, Sustainable Design Engineering and/or Smart Systems &amp; technologies the following applies:</i></li> </ul> <p><i>Each of these expertise areas will be offered one final time in academic year 2023/2024. Register for the ID4175 AED course. Bear in mind: the educational format and assessment can be different from the set up in 2022/2023. After academic year 2023/2024, this option will not be available anymore.</i></p> <p><i>*For students who have followed the ID4175 AED course in academic year 2021/2022 or before and did not fully pass the course, the following applies:</i></p>
--	--	---

		<i>the subgrades are not valid anymore since subgrades of 6,0 or higher can only be extended once and to the following academic year. If a student is in this situation, the following applies: follow the four new courses that are together equivalent to the ID4175 AED course.</i>
Note: In the 2023 IPD programme a new technical course Knowledge and Intelligence Design of 3 EC is introduced. IPD students are allowed to take this course as an elective unless this course is a mandatory part of the transition for the ACD course of a student.		
Note: In the 2023 IPD programme the new course Material Driven Design of 5 EC is introduced. IPD students are allowed to take this course as an elective unless this course is a mandatory part of the transition for the AED course of a student		

<b>Second year courses of 2016 IPD programme</b>	<b>Equivalence information</b>	<b>Second year courses of the 2023 IPD programme</b>
Electives (30 ec)	=	Electives (30 ec)  Note: as a consequence of the transition rules (especially when the EC of equivalent courses in the old and new programme differ) students may have to do more or less electives EC. The number of ec for the elective space is determined as follows: 120 ec minus 30 ec Graduation Project minus the sum of the mandatory IPD courses followed.
ID4190-16 Graduation Project (IPD) (30 ec)	=	ID4190-16 Graduation Project (IPD) (30 ec)

## Section 3 – 2016 Master's programme Design for Interaction (DfI)

For students who started their Master DfI in September 2016 or after.  
For transition and other regulations, if any, see Section 1.

### Article 3a – Composition of the 2016 Master's programme DfI

code	course name	EC	assessment <sup>5</sup>
ID4010	Design Theory and Methodology *	3	
ID4060	Manage your Master *	2	
ID4070	IDE Academy *	4	
ID4210	Product Understanding, Use and Experience	6	
ID4216	Context and Conceptualisation	6	
ID4220-17	Interactive Technology Design**	9	
ID4230	Visual Communication Design	3	
ID4235	Reflection on Designing	3	
ID4250-16	Project Exploring Interactions **	12	
ID4256-17	Project Usability and User eXperience Assessment in Design **	9	
ID4265	DfI Research Methodology	3	
	Electives	30	
ID4290-16	Graduation Project (DfI)	30	

\* Courses are referred to as 'general Master course IDE'.

\*\* Courses are referred to as 'Master specific project DfI'. For these courses, Article 17.5 of the TER is applicable.

### Article 3aa – Specialisation in DfI: Medisign

The following conditions apply to the specialisation Medisign in DfI:

- The student shall organise the following courses in a way specific to this specialisation:
  - one Medisign specific project: either a 'Master specific project DfI' within the courses with code ID4250-16 or ID4256-17 (according to Article 3a) or a project within an elective course (e.g., ID5045 Joint Master Project, ID5212 Experiencing Persuasive Environments or ID5663 Contextmapping Skills);
  - the Graduation Project (DfI), code ID4290-16.
- The student shall pass at least two specialisation-specific IDE-electives and obtain in total at least 9 EC of specialisation-specific electives<sup>6</sup>.

<sup>5</sup> See the [Study Guide](#) for the form of examination, the method of assessment, the teaching and examination period, contact hours and the admission requirements for each course.

<sup>6</sup> For an overview of Medisign-specific electives, see this [website](#).

## Section 4 – 2016 Master’s programme Strategic Product Design (SPD)

For students who start their Master SPD in September 2016 or after.  
For transition regulations per course, if any, see Section 1.

### Article 4a – Composition of the 2016 Master’s programme SPD

code	course name	EC	assessment <sup>7</sup>
ID4010	Design Theory and Methodology *	3	
ID4060	Manage your Master *	2	
ID4070	IDE Academy *	4	
ID4216	Context and Conceptualisation	6	
ID4315-16	Brand & Product Commercialisation	8	
ID4330	New Product Economics	3	
ID4337	Design Roadmapping	3	
ID4340	Strategic Value of Design	3	
ID4350-16	Design Strategy Project **	12	
ID4355-18	SPD Research **	13	
ID4370	SPD Media	3	
	Electives	30	
ID4390-16	Graduation Project (SPD)	30	

\* Courses are referred to as 'general Master course IDE'.

\*\* The course is referred to as 'Master specific project SPD'. For these courses, Article 17.5 of the TER is applicable.

### Article 4aa – Specialisation in SPD: Medesign

The following conditions apply to the specialisation Medesign in SPD.

- The student shall organise the following courses in a way specific to this specialisation:
  - one Medesign specific project: either a 'Master specific project SPD' within the course with code ID4350-16 and ID4355-18 (according to Article 4a) or a project within an elective course (e.g., ID5045 Joint Master Project, ID5212 Experiencing Persuasive Environments or ID5663 Contextmapping Skills);
  - the Graduation Project (SPD), code ID4390-16.
- The student shall pass at least two specialisation-specific IDE-electives and obtain in total at least 9 EC of specialisation-specific electives<sup>8</sup>.

<sup>7</sup> See the [Study Guide](#) for the form of examination, the method of assessment, the teaching and examination period, contact hours and the admission requirements for each course.

<sup>8</sup> For an overview of Medesign-specific electives, see this [website](#).



## Section 5 – Electives

### **Article 5 – Electives and admission requirements**

1. Electives, within the meaning of sections 2, 3 and 4 of appendix 1, can be offered by the Faculty of Industrial Design Engineering or by another faculty within or outside the Netherlands at a level comparable to that of the faculty of Industrial Design Engineering of TU Delft. An exception to this regulation applies to an elective of any faculty which is similar to an elective at the IDE Faculty, e.g., an internship; such an elective can only be done at the IDE Faculty as an IDE elective (see also Article 11a of the TER).
2. Courses of the IDE Master's programmes that a student did not choose may be taken as an elective except for the courses referred to as 'Master's specific projects' (according to Sections 2, 3, and 4).
3. A student may choose to include a full semester of a different IDE Master's programme as the elective semester in his Master's programme (third semester), including the 'Master's specific project' of that different Master's programme (according to Sections 2, 3, and 4), under the condition that the student is admissible to that other IDE Master's programme.
4. The elective space of the IDE Master's programme may be filled with maximum one internship with a study load of 15 EC.
5. For electives admission, in addition to the general Master's admission requirements in accordance with Article 5 of the Teaching and Examination Regulations, extra requirements may occur. Only the responsible examiner may lay down requirements in consultation with the Director of Education. The description in the Study Guide of the elective in question states the admission requirements.

## Appendix 2 - The MSc programmes final attainment levels

- a. A TU Delft Master's graduate in general:
  - 1. Is capable of being analytical in his/her work on the basis of a broad and deep scientific knowledge;
  - 2. Is able to synthesise knowledge and solve problems in a creative way dealing with complex issues;
  - 3. Has the qualities needed for employment in circumstances requiring sound judgement, personal responsibility and initiative in complex and unpredictable professional environments;
  - 4. Is able to assume leading roles, including management roles, in companies and research organisations, and to contribute to innovation;
  - 5. Is able to work in an international environment, helped by his/her social and cultural sensitivity and language and communication abilities, partly acquired through experience of teamwork and any study periods abroad;
  - 6. Is aware of possible ethical, social, environmental, aesthetic and economic implications of his/her work and to act accordingly;
  - 7. Is aware of his/her need to update their knowledge and skills.
  
- 1. Is capable of developing innovative products and product-service combinations to satisfy the needs of the stakeholders, based on balancing the interests of users, business and societal challenges and with due regard to international ethical issues;
  - 2. Has a thorough knowledge and understanding of, and is proficient in, the execution of the total product design process with a focus on conceptualization and embodiment design;
  - 3. Is able to perform and manage the design process independently or as a member or the leader of a team, often in an international setting;
  - 4. Has a thorough knowledge of the aesthetical, ergonomic, technical and environmental issues involved and is acquainted with the organizational and economic aspects of products;
  - 5. Has the skills to use integrative approaches to these (aesthetical, ergonomic, engineering-related and environmental) issues into the product development;
  - 6. Is capable of generating new knowledge, based on research performed with scientific rigor.
  
- b. In addition, a Master's graduate in Design for Interaction is capable of:
  - 1. Gathering and communicating specialist knowledge from the humanities and behavioural sciences, and translating this knowledge into design parameters;
  - 2. Analysing product use and its various contexts and communicating the findings effectively to other people involved in the design process;
  - 3. Conceptualising the above into new products or services;
  - 4. Gathering and integrating knowledge on new technologies (e.g., materials, sensors, ...) into design opportunities;
  - 5. Developing prototypes of experiential quality and test these with users;
  - 6. Independently setting up and conducting research projects;
  - 7. Presenting and reporting design concepts and research findings in a professional manner;
  - 8. Answering research questions by designing products/prototypes;
  - 9. Contributing effectively to design teams.

- c. In addition, a Master's graduate in Strategic Product Design is capable of:
1. Applying tools and techniques to collect information on customer behaviour, competitive behaviour, market trends and technological developments;
  2. Translating firm innovation strategies into conceptualized and visualized product /service (line) directions;
  3. Synthesizing data on the firm and its external international environment, including the firm-related strategic value of design, into realistic product/service concepts and their business cases;
  4. Translating product/service line strategies, mission statements, brand identities and information on the firm and its external network of strategic partners into design and engineering guidelines;
  5. Independently setting up and conducting a complex multidisciplinary strategic design, design consulting or research project;
  6. Presenting and reporting design concepts and (strategic and/or scientific) research findings in a professional manner;
  7. Leading an innovation team and delivering strategic input to the team.

## Appendix 3 –Special degrees

- A. Education Track, leading to a teaching qualification in secondary education. Only for students who understand, speak and write Dutch fluently. See the website: <https://www.tudelft.nl/onderwijs/opleidingen/masters/sec/msc-science-education-and-communication/lerarenopleiding-science-education-track/>
- B. Honours Programme Master.  
See Section 2b of the TER.

## Appendix 4 – Exchange Programmes

Students interested in an exchange semester abroad at one of the partner universities with which the faculty has an exchange agreement can find information about the application procedure, application deadlines, possible scholarships, etc., on the website: <https://www.tudelft.nl/en/student/ide/education/study-abroadexchange>

## Appendix 5 – Joint-/Double Degree Programmes

A joint programme is a programme set up by two or more universities. If the programme is independent from existing partners' programmes, in the end one, joint diploma is awarded (joint degree). If the programme is based on existing programmes at the participating universities, recognized by both, in the end two separate diplomas will be awarded, one from each partner (double degree).

- A. Joint Degree Programmes  
The Faculty of Industrial Design Engineering does not participate in any Joint Degree Programmes with other institutions.
- B. Double Degree Programmes  
Following the approval from the two Board of Examiners concerned, a student may take an individual double degree programme in which two Master's programmes are combined

simultaneously to create a programme of at least 180 credits. Upon completion the student is awarded two Master's diplomas. The student must earn at least 60 unique credits for each Master's degree programme.

Students interested in a [double degree programme](#) should contact both the IDE Board of Examiners (through [educationregulations-ide@tudelft.nl](mailto:educationregulations-ide@tudelft.nl)) and the Board of Examiners of the other TU Delft faculty concerned.

## Appendix 6 – Appendix to Art. 5 of the TER<sup>9</sup>

### **Language level for individuals holding a Dutch higher professional education degree**

The following candidates are exempted from the English language test requirement:

- Students with a Bachelor's degree from a Dutch university
- Students with a VWO diploma or VWO English certificate
- Students with an HBO (University of Applied Sciences) degree from a degree programme taught entirely in English
- Students who hold the nationality of one of the following countries: USA, UK, Ireland, Australia, New Zealand or Canada

Sufficient competence in the English language can be demonstrated by passing one of the following tests:

- TOEFL iBT (Test of English as a Foreign Language internet-Based Test) with an overall band score of at least 90
- IELTS (academic version) with an overall band score of at least 6.5
- Cambridge Assessment English:
  - C1 Advanced (Certificate of Advanced English) with an overall score of at least 176.
  - C2 Proficiency (Certificate of Proficiency in English) with an overall score of at least 180.

If a bridging programme needs to be completed before a candidate can be admitted to a Master's programme, the certificate should be obtained before the start of the bridging programme.

### **Language level for holders of a non-Dutch university bachelor's degree**

Competence in the English language as demonstrated by passing one of the following tests:

- TOEFL iBT (Test of English as a Foreign Language internet-Based Test) with an overall band score of at least 90 and a minimum score of 21 for each section
  - IELTS (academic version) with an overall band score of at least 6.5 and a minimum score of 6,0 for each section
  - Cambridge Assessment English:
    - C1 Advanced (Certificate of Advanced English) with an overall score of 176 and a minimum score of 169 for each section.
    - C2 Proficiency (Certificate of Proficiency in English) with an overall score of 180 and a minimum score of 169 for each section
- Certificates more than two years old will not be accepted.

The following candidates are exempted from the English language test requirement:

---

<sup>9</sup> For 2023-2024 the English language requirements will change

- Students who hold the nationality of one of the following countries: USA, UK, Ireland, Australia, New Zealand or Canada;
- Students who hold a Bachelor's degree from one of the above countries.

# Rules & Guidelines from the Board of Examiners 2023-2024

*(ex Article 7.12 WHW)*

## Section 1 – General

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

1. These Rules and Guidelines govern the Industrial Design Engineering (IDE) Master's degree programmes Integrated Product Design (IPD), Design for Interaction (DfI) and Strategic Product Design (SPD) of Delft University of Technology, referred to below as the 'Programme' or the 'Programmes'.
2. Questions and requests regarding these Rules & Guidelines should be addressed to [educationregulations-ide@tudelft.nl](mailto:educationregulations-ide@tudelft.nl).

### **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 IDE Master's Programmes Teaching and Examination Regulations 2023-2024, referred to below as the IDE TER MSc 2023-2024, apply.

### **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 give a mandate with respect to certain clearly defined duties.
3. The 'Kleine Examencommissie' (Small Board of Examiners), consisting of the Chairman and one or more members of the Board, is charged with looking after the day-to-day affairs of the Board of Examiners. The 'Kleine Examencommissie' meets twice a month with the exception of education-free periods.
4. The members of the Board of Examiners decide jointly who of them shall deputise for the chairman during his absence.
5. The meetings are not public.
6. If a student submits a request or complaint to the Board of Examiners that involves a member of the Board, then the member in question shall not be involved in the handling of the request or complaint and will temporarily withdraw from the meeting.
7. A report will be drawn up regarding the matters discussed at meetings.
8. The Board of Examiners compiles an annual report of its activities during the previous academic year. The report shall be submitted 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 Chairman 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 a second 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. On the recommendation of the Board of Education, the Board of Examiners will designate as an examiner in courses members of the personnel who are charged with taking examinations and determining the result thereof. The Board of Examiners sets as condition for candidates for appointment as an examiner that they have a University Teaching

Quality (UTQ) or equivalent. For examiners of graduation projects, other criteria for appointment have been established and published in [the IDE Graduation Manual](#).

2. The Board of Examiners may appoint experts from outside the institution as examiner. Experts from outside the institution are required to have a University Teaching Quality (UTQ) or equivalent.
3. The Board of Examiners may appoint ad hoc committees including a supervisory team as referred to in Article 25.

### **Article 6 – Standards**

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

- a. maintaining the quality and selection requirements with respect to the examination or part of the examination in question;
- b. expediency, to be expressed among other things in an attempt to:
  - limit the delay in the progress of students who are making good progress in their studies;
  - persuade 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; and
- d. clemency with respect to a student whose studies are being or have been delayed due to circumstances that are beyond his control.

### **Article 7 – Language**

1. A student who submits a request to the Board of Examiners to take one or more parts of an examination in another language as English must substantiate that application, see also Article 7.3 of the IDE TER 2021-2022.
2. Before taking a decision the Board of Examiners will obtain advice from the examiner(s) in question with request to the application.

### **Article 8 – Fraud<sup>10</sup>**

1. Fraud is taken to mean any act or omission by a student that makes it fully or partially impossible to properly assess the knowledge, insight and skill of that student or another student. Fraud is in any event understood to include commission of plagiarism in any form, this includes all cases in which a student implies that the work in question is his own when that is not the case, such as copying the work of others and presenting it as one's own through deliberate deception or through carelessness of inadequate references. Fraud also defined as including 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;
  - impersonating someone else during an examination;
  - to be represented by someone else at 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.

---

<sup>10</sup> For more information go to [TU website](#)



- includes feigning and/or falsifying survey answers, interview answers or research data;
  - free riding in group work: a student's name is added to a report for group work while not having contributed to the group work. The entire group can be sanctioned for fraud.
2. Whenever a student is suspected of having committed fraud, the matter will be dealt with by the Board of Examiners. If a Board of Examiners receives a notification of a suspicion of fraud about a student who is enrolled in a different study programme, it will immediately pass on the notification to the Board of Examiners of the relevant study programme.
  3. In the event that suspicion of fraud has come up in group work involving students from different study programmes, the Boards of Examiners concerned will together agree which Board of Examiners will handle the case. The Board of Examiners dealing with the case will keep the other Board or Boards informed of the outcome.
  4. If fraud is suspected while an examination is taking place, the examiner or invigilator will immediately inform the student in question and lay down the incident in writing as quickly as possible. The written report will be added to the student's completed examination. The examiner or invigilator may request the student to make available any evidence. If the student refuses to do so, that will be noted in the report. The report and any evidence will be submitted to the Board of Examiners immediately.
  5. If fraud is discovered or suspected other than while an examination is taking place, the examiner will lay down the incident in writing as quickly as possible. The report and any evidence will be submitted to the Board of Examiners immediately.
  6. 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.
  7. The Board of Examiners will give the student an opportunity to add written comments to the report that was drawn up by the examiner or invigilator.
  8. The Board of Examiners will, in case of fraud, make the decision that a mark will not be awarded for the examination or practical in question, barring exceptional cases. In the event the mark has been announced or registered before the fraud was determined, the Board of Examiners will make the decision to retract the mark in question and declare it invalid, apart from in exceptional cases.
  9. As well as the decision in the foregoing paragraph, the Board of Examiners will decide whether a sanction will be imposed. It may, depending on the seriousness of the fraud impose the following sanctions on the students:
    - a. a reprimand;
    - b. exclusion from the examination or laboratory course 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 foregoing measures.When determining the seriousness of the fraud, in any case, but not exclusively, the following will be taken into account: any repeated incidents of fraud. In the event of serious fraud, the Board of Examiners is entitled to submit a proposal to the Executive Board that the student's enrolment in the degree programme be permanently terminated.
  10. 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 paragraphs 9 subparagraphs a to d upon every member of the group.
  11. The Board of Examiners will not take a decision as referred to in paragraph 8 until after the student has been given an opportunity to be heard. Such a hearing of the student will not be necessary if the Board of Examiners has determined that no fraud has been committed.

### **Article 8a – 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 8b – Plagiarism check**

1. The examiner or supervisory team as mentioned in Article 25 checks written (graduation) work for plagiarism. A plagiarism scanner may be used for this purpose.
2. To facilitate plagiarism checks, the examiner or supervisory team may set requirements for the way in which a written assignment must be submitted.

### **Article 9 – 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 term of three weeks prior to an academic holiday, within 40 working days after the end of that holiday. The Board of Examiners may postpone taking a decision for a maximum term of 10 working days. The student will be informed in writing of such a postponement before the end of the term referred to in the first sentence.

## **Section 2 – Flexible programme**

### **Article 10 – Expired**

## **Section 3 - Degree audit, registering and withdrawing**

### **Article 11– Registering for degree audit and applying for degree certificate**

1. A registration for the degree audit and the application for the degree certificate must be submitted to the Student Administration not 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 subparagraph 1 commences.
3. All the obligations must be met, and all results must have been submitted to the Student Administration not later than 10 working days before the meeting for the degree audit.
4. The Student Administration can put a student forward for the degree audit if it has established that the student has met all the obligations required for a degree audit. The Student Administration will drop its intention when the student within the specified period indicates that he wishes to improve a result or wishes to supplement his/her examination programme. In that case, the student will have the opportunity to do so during the rest of the current academic year.

### **Article 12 – Withdrawal from the degree audit**

1. Withdrawal from a degree audit is possible up to three working days before the meeting for the audit in question is due to be held; this is arranged with the Student Administration.
2. Any student who has withdrawn from a degree audit should re-register on a subsequent occasion, in accordance with the provisions of Article 12.

## **Section 4 – Examinations and practicals**

### **Article 13 – Taking written and oral examinations**

1. In special cases, the Board of Examiners may allow a student to take an examination in a form other than a written examination. A request for this must be substantiated.
2. An oral examination is held by at least two examiners. Deviation of this rule must be approved by the Board of Examiners. See also Article 19 of the TER. The course coordinator should therefore submit a substantiated request. In case the oral exam by one examiner is permitted by the Board of Examiners, the oral exam should be recorded (audio and/or video) and stored for 2 months to be counted from the registration of the grade in Osiris (see also article 19 of the Rules & Guidelines from the Board of Examiners for the storage time of an audio recording).
3. A student's registration will be confirmed by or on behalf of the Board of Examiners during written or oral 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 way in which the result of an examination is expressed can also be changed from a 1-10 scale to a pass-fail decision. The Board of Examiners will decide on this matter in consultation with the examiner.

### **Article 13a online proctored examination**

An exam can be taken through online proctoring with the permission of the Board of Examiners if:

- a) no other manner of examination is possible, and
- b) If this takes place in accordance with the TU Delft Online Proctored Examination Regulation.

### **Article 14 – Questions and assignments**

1. The questions and assignments covered by an examination will not include material that is not part of the sources that are to be made known in advance and from which the questions and assignments are derived. Those sources will be generally made known before the commencement of the course that will prepare the students for the examination. The exact scope of the material will be finalised not 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. The examination will reflect the learning objectives in terms of level, content and form.
3. The questions and assignments will be clear and unambiguous. The instructions regarding the weighting 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.
4. The content of the examination will be such that the students can be reasonably expected to have sufficient time to answer the questions.

### **Article 15 – Procedure during examinations**

1. The examiner will ensure that invigilators are designated for written examinations. The invigilators will maintain order during the examinations and ensure that these run smoothly on behalf of and under the responsibility of the Board of Examiners. When supervising an examination in an examination room, the invigilator will observe the 'Rules of procedure for assessments', which will be available in the examination location.
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 the Board of Examiners, the student will be obliged to identify himself using his student ID (campus card) or other valid proof of identity (a passport, ID card or driving licence).
4. The student must follow the instructions given 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. A student who does not comply with the provisions contained in or pursuant to the second and third paragraph may be excluded from further participation by the Board of Examiners or the examiner. In these cases, no examination result will be reported.
6. Examination paper and scrap paper will be provided. The student immediately writes down his name on all papers. Only work written on official examination answer sheets will be assessed. The student must bring his own writing and drawing materials.
7. If the use of a calculator or other aid is permitted during an examination, the student must bring his own calculator or other aid, which must be in compliance with the maximum capability indicated by the Board of Examiners. The examiner may deviate from this, provided the deviation is announced well before an examination. During an examination, the student may not have in his possession or consult any books, lecture notes, other notes or other documents unless the examiner has decided otherwise. Dictionaries are not allowed during MSc exams. A student can send a request to the Board of Examiners (via [educationregulations-ide@tudelft.nl](mailto:educationregulations-ide@tudelft.nl)) to allow the use of a dictionary on the grounds of special circumstances.
8. During an examination, the student may not use any programmable calculators, computers, mobile telephones or other appliances that have comparable functions unless the examiner has decided otherwise.
9. The text of the examination solutions with explanations 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 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 and not within 15 minutes before the end of the examination. 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 finally leaving the location where the examination is held (not earlier than 30 minutes after the examination in question has started and not within 15 minutes before the end of the examination), the student must hand in the examination work, on which he has written his name and student number on each page, to the examiner or invigilator. In

the case of a two-part examination, the answer forms for the first part shall not be handed in before the end of the first part; the answer forms for the second part shall not be handed in until at least 30 minutes after the start of that part of the examination.

### Article 16 – 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. Examinations will be assessed on the basis of model answers and standards that have been laid down in writing in advance and that may have been revised on the basis of the correction. Oral examinations and practical works (e.g., portfolios) shall be marked in a similar way. If the same examination is administered by more than one examiner (whether or not simultaneously) and the results are also assessed by more than one examiner, the assessment shall take place according to the aforementioned provisions. Where applicable, the Board of Examiners will appoint prime responsibility for the examination to one examiner.
3. A final result will be indicated by a mark, a V (*voldoende* = pass), an O (*onvoldoende* = fail), an NI (*niet ingeleverd* = not handed in), a VR (*vrijstelling* = exemption) or an NVD (*niet voldaan* – insufficient; see also paragraph 6 of this article).
4. A final mark for a course will be expressed in a whole mark or a half mark from 1.0 to 10.0. The meaning of the marks is as follows:

9.5 or 10.0	excellent
8.5 or 9.0	very good
7.5 or 8.0	good
6.5 or 7.0	more than satisfactory
6.0	satisfactory
4.5 to 5.5	nearly satisfactory
3.5 or 4.0	poor
1.0 to 3.0	very poor

5. If the marks are rounded off 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.
6. If a course consists of more than one component, the course overview in Study Guide will indicate how the final mark will be determined. With reservation to exceptions approved by the Board of Examiners, the following provisions apply in this respect:
  - a. The marks of the different components of a course may be expressed in one or more decimal figures. Marks for components are not to be rounded off.
  - b. A result for a component examination may be included in the determination of the final mark only if it is expressed in a numerical value and equals at least 5.0. In the event of a lower mark, no final mark will be given, but instead an NVD (*niet voldaan* = insufficient) will be registered as a result.
  - c. For the courses specified as Master specific project (see TER, appendix 1) the result for the project component may be included in the determination of the final mark only if it equals at least 6.0. In the event of a lower mark, no final mark will be given, but instead an NVD (*niet voldaan* = insufficient) will be registered as a result.
  - d. If a component consists of more than one subcomponent the marks of the different subcomponents of a course can mutually compensate for each other.
  - e. The mark of a component of a course which is not expressed in a numerical value shall equal at least a V (*voldoende* = pass).

7. The student is entitled to receive an opportunity to upgrade the mark for a practical exercise with a compensatory assignment insofar as the mark for (a component of) a course equals at least 5,0. Such an assignment leads, at the most, to a mark of 6,0 for (that component of) that course.
8. A student passes a course if the weighted average of the marks of the components equals 6,0 or higher and the components which are not expressed in numerical values equal at least a V (*voldoende* = pass).
9. 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 half figure or as a decimal figure. The definition that the other degree programme attributes to those marks will also be adopted. The provisions contained in Article 23 apply to final marks that are earned abroad.
10. If more than one result is earned for a course, the highest result that has been earned will be included in the assessment of the examination on the understanding that in case of a 'pass' and a 'satisfactory' mark or higher, only the mark in figures applies. See also Article 17 of the TER for the validity of marks.
11. 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 17 – Registering results and determining the final submission date**

1. The examiner will register the results of examinations to the Student Administration's registration system (Osiris), indicating the date on which the written examination was held, the oral examination was taken, or the practical was completed.
2. If a course consists of components and the results are not to be registered in Osiris, the examiner will publish the results on Brightspace.
3. The examiner may lay down further rules with respect to the final date on which a practical may be completed. Such rules must be indicated in the course description in Study Guide and must be announced at the start of the course, e.g., on Brightspace. The deadline will be published by no later than when the module starts.

#### **Article 18 – Dating of examinations**

1. The date of an examination will be the date on which the written examination has been held or the oral examination has been taken.
2. The date of a practical will be the date on which the report has been definitively submitted or the oral final presentation has been held. If there is no report or final presentation, the officiate date is the date on which the practical ends.
3. The official date of the completion of the internship will be the date on which the final report is submitted.

#### **Article 19 – Retaining work and results**

1. Due to possible appeals proceedings, the work that has been assessed or assessable evidence of the work must be retained for at least two years after the exam. Assessed work is in any case, but not exclusively, taken to mean: the associated examinations and the model answers and standards established in writing.
2. By way of derogation of Section 1, three-dimensional work must be retained for at least six weeks after the results have been published by the examiner.
3. An audio recording of an oral examination shall be stored for 2 months to be counted from the registration of the grade in Osiris. In case of a complaint or objection, the audio recording will have to be stored longer. The examiner is responsible for the removal of the audio recording after 2 months and for the safe storage of the audio recording during this time. The storage of the audio recording should be on an official TU Delft storage, such as



SURFdrive, or TU network storage, and should only be accessible by the examiner(s) and on request to the Board of Examiners.

4. In contravention to paragraph 1, and in connection with the re-accreditation of study programmes, successfully completed Master's theses and the related evaluation forms must be retained for at least seven years.
5. In the event that no result has been published, the aforementioned terms referred will commence on the date on which the examination is held, or the practical is completed.
6. The results of examinations will be retained by the Student Administration for a period of 10 years at the least.

## Section 5 – Exemption/curriculum components completed elsewhere

### **Article 20 – 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. See also the IDE TER MSc, Article 25 and 26.

### **Article 21 – Dating an exemption**

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

### **Article 22 – Inclusion exemption in the examination programme**

The number of credits for components for which an exemption has been granted and/or for components that may be claimed in the programme from outside the programme is to be judged by the Board of Examiners.

### **Article 23 – Curriculum components taken elsewhere**

1. In the event that a student has taken approved components outside the degree programme, the student will be responsible for ensuring that the authorised agency issues a statement indicating the component in question by name and insofar as applicable by course code, the standard hours allocated elsewhere for the study load (credits), the results, the date on which the results were earned and the date on which the statement was issued.
2. For components that the student has taken abroad, the student must request the Board of Examiners to determine the scope in credits and the result.
3. A student who takes a component elsewhere must provide relevant information about this to the Board of Examiners. Relevant information is taken to mean, where applicable, in any case: the progress made in the part of the course in question, the assessment (also when failed) by the authorised body and a decision concerning fraud. The Board of Examiners is authorised to request and obtain this information from the authorised body
4. Courses successfully completed elsewhere will only be included in the programme if they were completed during the period in which the student was enrolled on the degree programme. For courses successfully completed elsewhere outside the period the student was enrolled in the degree programme, an exemption must be applied for.



## Section 6 – Further rules governing the Master’s thesis project

### **Article 24 – Master’s thesis project**

The provisions on the IDE Master’s thesis project (course codes ID4190-16, ID4290-16 and ID4390-16) are documented in the IDE Graduation Manual.

### **Article 25 – Composition of the supervisory team for the Master thesis project**

The provisions on the composition of the supervisory team for IDE Master thesis projects are documented in the IDE Graduation Manual.

### **Article 26 – Working method of the supervisory team**

The provisions on the working method of the supervisory team for IDE Master’s thesis projects are documented in the IDE Graduation Manual.

### **Article 27 – Dating the Master’s thesis project result**

The date of the completion of the Master’s thesis project will be the date on which the oral final presentation has been given.

## Section 7 – Failing and passing rules

### **Article 28 – Failing and passing rules governing the Master degree audit**

1. The student has passed the Master degree audit when the following requirements have been met:
  - a result of a 6,0 or higher, a pass (V) or an exemption (VR) has been earned for all courses as mentioned in Appendix 1 to the IDE TER.
2. The method of assessment will be transparent so that the student can ascertain how the result was reached.
3. In special cases, the Board of Examiners may deviate from the provisions contained in paragraph 1 and stipulate additional requirements if necessary.

### **Article 29a – Failing and passing rules governing the Honours Programme Master**

The student passes the Honours Programme Master once the following requirements have been met:

- a. A pass mark has been achieved for all courses in the Honours Programme Master.
- b. The minimum number of credits for the Honours Programme Master have been gained.
- c. The Honours Programme Master has been completed within the nominal duration of the Master’s degree programme and before the green light has been granted to prepare for the degree audit.
- d. The Board of Examiners can deviate from the duration as written under c for any study delay acknowledged as part of the Graduation Support Scheme (RAS) or the TU Delft Profiling Fund Regulations.

## Section 8 – Conferring the predicate ‘cum laude’

### **Article 30a – Predicate ‘cum laude’ for the Master’s degree audit cohort 2022 and further**

1. Students from cohort 2022 and further receive the predicate ‘cum laude’ for the Master’s degree audit if the following requirements have been met:

- a. the weighted average of the results of the courses in the programme, not including the Master's thesis project, is calculated to 2 decimals with passes (V) and exemptions (VR) being disregarded. The average grade is at least 8,00;
  - b. the result for the Master's thesis project is at least 9,0.
  - c. The duration of study, that is, the period between the student's enrolment in the programme and his taking the final examination, must not have exceeded 30 months for the Master programme, allowing for any delays officially recognised in accordance with the TU Delft Profiling Fund Regulations. If a part of the programme was completed before the official enrolment in the programme, for instance in the form of exemptions, as part of an exchange programme, or because of the so-called 'Zachte knip' the maximum allowed duration will be reduced by one month for every 5 EC completed. The following scheme will be used
    - 1 to 5 EC: 1 month reduction
    - 6 to 10 EC: 2 months reduction
    - 11-15 EC: 3 months reduction etc.
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 paragraph 1 subparagraph c if the maximum duration of study is exceeded due to circumstances that occurred beyond the student's control.
  3. By way of derogation from paragraph 1, subparagraph c, for students following an approved double degree programme applies that the duration of study is no longer than 42 months.

**Article 30b – Predicate 'cum laude' for the Master's degree audit cohort 2020 and 2021**

1. Students from cohort 2020 and 2021 receive the predicate 'cum laude' for the Master's degree audit if the following requirements have been met:
  - a. the weighted average of the results of the courses in the programme, not including the Master's thesis project, is at least 8,0. Passes (V) and exemptions (VR) will not be taken into consideration;
  - b. the result for the Master's thesis project is at least 9,0.
  - c. The duration of study, that is, the period between the student's enrolment in the programme and his taking the final examination, must not have exceeded 30 months for the Master programme, allowing for any delays officially recognised in accordance with the Graduation Support Scheme (RAS) or the TU Delft Profiling Fund Regulations. If a part of the programme was completed before the official enrolment in the programme, for instance in the form of exemptions, as part of an exchange programme, or because of the so-called 'Zachte knip' the maximum allowed duration will be reduced by one month for every 5 EC completed. The following scheme will be used
    - 1 to 5 EC: 1 month reduction
    - 6 to 10 EC: 2 months reduction
    - 11-15 EC: 3 months reduction etc.
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 paragraph 1 subparagraph c if the maximum duration of study is exceeded due to circumstances that occurred beyond the student's control.
3. By way of derogation from paragraph 1, subparagraph c, for students following an approved double degree programme applies that the duration of study is no longer than 42 months.

**Article 30c – Predicate ‘cum laude’ for the Master’s degree audit cohort 2019 and before**

1. Students from cohort 2019 and before receive the predicate ‘cum laude’ for the Master’s degree audit if the following requirements have been met:
  - a. the weighted average of the results of the courses in the programme, not including the Master’s thesis project, is at least 8,0. Passes (V) and exemptions (VR) will not be taken into consideration;
  - b. the result for the Master’s thesis project is at least 9,0.
  - c. The duration of study, that is, the period between the student’s enrolment on the programme and his taking the final examination component, must not exceed 2,5 years, in which any study delay acknowledged as part of the Graduation Support Scheme (RAS), or the TU Delft Profiling Fund Regulations is taken into account.
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 paragraph 1 if the student in question has shown exceptional skills in the programme in question.
3. By way of derogation from paragraph 1, subparagraph c, for students following an approved double degree programme applies that the duration of study is no longer than 42 months.

## Section 9 – 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 was taken successfully.
2. The degree certificate for the Master’s degree audit will be signed by the Chairman or a member 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.
4. A student may request that the Board of Examiners for the Master’s programme in Science Education and Communication (SEC) grants him a grade-one (eerstegraads) teaching qualification as referred to in Article 33 section 1 part b 1° of the Dutch Secondary Education Act<sup>11</sup> once the following requirements have been fulfilled:
  - the student has successfully completed the Education specialisation (the ‘Verdiepingsdeel’ of the Master’s programme in Science Education and Communication, track Science Education) as part of the Master’s programme for which the Master’s degree certificate named in section 1 is issued (a mark with the meaning satisfactory or higher, a ‘pass’ (V) or an ‘exemption’ (VR) has been obtained for every course), and
  - the student has completed the Master’s programme.If the SEC Board of Examiners grants this qualification, it will be mentioned on the certificate referred to in section 1 of this article.
5. The date stated on the degree certificate is the test date of the last passed course of the students exam programme

**Article 32 – Statement of results achieved**

1. A student who has successfully taken one or more examinations and to whom a degree certificate within the meaning of Article 31 cannot be issued when he leaves the university will receive a statement from the Board of Examiners upon request. That statement will

---

<sup>11</sup> This means that the student will be authorised to teach all years of HAVO (higher general secondary education)/VWO (pre-university education) and prevocational secondary education (VMBO).

indicate the personal data, course code, course name, number of credits, the result and the date on which the result was earned.

2. A statement as referred to in paragraph 1 must be requested via the Student Administration ([spa-io@tudelft.nl](mailto:spa-io@tudelft.nl))

## Section 10 – Appeal and final provisions

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

An [appeal](#) may be brought against a decision taken by the Board of Examiners and/or an examiner for a period of six weeks after the person in question has been notified of the decision. Appeals may be brought before the Examination Appeals Board for the Examinations referred to in Article 7.61 of the Higher Education and Research Act. The appeal should be sent to Legal Affairs, mailbox 5, 2600 AA Delft. The Board of Examiners will refer to this possibility of bringing an 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**

If these Rules and Guidelines do not provide for a particular situation, the Board of Examiners will take a decision that is in line with these Rules and Guidelines to every extent possible.

### **Article 36 – Entry into force**

These Rules and Guidelines are laid down by the Board of Examiners on July 11, 2023, and will enter into force on the first day of the academic year 2023-2024.