

# Programme and Examination Regulations 2023-2024

Master Next Level Engineering

2023-2024

**let's change**  
YOU. US. THE WORLD.

**DE HAAGSE**  
HOGESCHOOL

# **Programme and Examination Regulations 2023-2024**

## **Master Next Level Engineering**

### **Faculty**

Technology, Innovation and Society

### **Programme**

Master Next Level Engineering

### **Version**

1

Model PER confirmed by the Executive Board and adopted by the General Council December 20, 2022.

Confirmed by the dean of the Faculty Technology, Innovation and Society on June 16 2023 and adopted by the Faculty Council on June 15 2023.

## Preamble

These are the Programme and Examination Regulations (PER) for the Master Next Level Engineering. The PER contains all the rules and regulations that apply to the programme, with a special emphasis on testing and examination. The PER is part of the Student Charter of the programme, based on the Higher Education and Research Act (WHW). For the purpose of readability, the PER refers to all students as 'he'. This also includes she/they. Whenever the PER uses the term 'in writing', this may also be interpreted as 'by email'.

### Education Learning Plan

Together with the Education Learning Plan (ELP), the PER forms the programme component of the Student Charter and is therefore also known as the Student Charter part 2. Together with the Student Charter part 1, which includes the regulations that apply to all students of The Hague University of Applied Sciences, the PER forms 'the Student Charter' (art 7.59 WHW). The legal requirements of the PER are incorporated into the format of the Education Learning Plan.

### Decision-making; the PER is drawn up by the faculty for each programme

This PER of the Master Next Level Engineering and the Education Learning Plan have been confirmed by the dean of the faculty Technology, Innovation and Society, to which the programme belongs. The PER and the Education Learning Plan apply for the duration of an academic year. A PER from the previous academic year is no longer valid in the new academic year; unless the PER determines otherwise. Transitional measures are provided in the event of changes for current students compared to the previous academic year. These transitional measures will be described separately in each PER.

### Right to endorse programme committee?

Each programme or group of programmes has a Programme Committee, which, alongside the Faculty Council, operates as a staff and student participation council. These bodies have an advisory capacity and the right to endorse certain decisions of the PER. The faculty director can only define the PER for the programme after the Faculty Council and the Programme Committee(s) have exercised their rights. The basis for this is determined in the Staff and Student Participation Council regulations of The Hague University of Applied Sciences, last revised on 15 February 2017. If there is any deviation from the PER model upon consultation with the Executive Board, this will be explicitly stated and explained in the drafts presented to the Programme Committee and the Faculty Council.

The programme annually assesses the education by discussions with the teachers, research groups and the advisory board (art. 7.13 section 2 subsection a1 WHW). The Programme Committee has the right to endorse decisions concerning the evaluation process.

### Decision-making: model PER of THUAS

Every year, the Executive Board confirms the model PER (including the format for the ELP and the Test Regulations) for the following academic year, after submitting this to the General Council (Art. 7, section 4, subsections c and d of the Staff and Student Council Regulations). The dean confirms the PER for each individual programme in keeping with the THUAS-wide provisions in the model PER. If the dean wishes to deviate from the model PER, he will present this to the Executive Board on an annual basis, even if this deviation has existed for several years.

These Regulations are available in digital format on the Student Portal.

# Table of Content

<b>Preamble</b> .....	<b>3</b>
<b>Table of Content</b> .....	<b>4</b>
<b>Definitions</b> .....	<b>6</b>
<b>Chapter 1. General Provisions</b> .....	<b>12</b>
Article 1.1 Scope.....	12
Article 1.2 Information provision.....	12
Article 1.3 The Exam Board.....	12
Article 1.4 Legal protection .....	13
<b>Chapter 2. Programme</b> .....	<b>14</b>
Article 2.1 Objective of the programme.....	14
Article 2.2 Programme profile .....	14
Article 2.3 Structure of the programme .....	14
Article 2.4 Language of instruction.....	14
Article 2.5 Admission to the programme .....	14
Article 2.6 Study load .....	14
Article 2.7 Specialisations .....	14
Article 2.8 Additional costs .....	14
<b>Chapter 3. Education</b> .....	<b>16</b>
Article 3.1 Structure of the education programme .....	16
Article 3.2 Graduation .....	16
Article 3.3 Transitional measures.....	16
Article 3.4 Test results that are subject to becoming outdated the following academic year .....	16
Article 3.5 Honours programme .....	16
<b>Chapter 4. Tests</b> .....	<b>17</b>
Article 4.1 Tests and partial tests.....	17
Article 4.2 Testing method and time at which tests are held.....	17
Article 4.3 Conditions for participating in tests .....	17
Article 4.4 Public nature of oral tests and exams .....	17
Article 4.5 Assessment .....	17
Article 4.6 Provisions applicable to partial tests .....	17
Article 4.7 Award of credits .....	18
Article 4.8 Announcement of results .....	18
Article 4.9 Review .....	18
Article 4.10 Force majeure.....	19
Article 4.11 Resits.....	19
Article 4.12 Granting exemption.....	19
Article 4.13 Validity of test results .....	19
Article 4.14 Declaring tests or partial tests invalid .....	20
<b>Chapter 5. Exams and diplomas</b> .....	<b>21</b>
Article 5.1 Exams.....	21
Article 5.2 Award of degrees.....	21
Article 5.3 Diploma.....	21
Article 5.4 Distinctions.....	21
Article 5.5 Certificates in recognition of special contributions .....	22
<b>Chapter 6. Counselling</b> .....	<b>23</b>
Article 6.1 Counselling and coaching.....	23

<b>Chapter 7. Irregularities</b> .....	<b>24</b>
Article 7.1 Scope.....	24
Article 7.2 Procedure concerning the discovery of irregularities .....	24
Article 7.3 Sanctions .....	25
<b>Chapter 8. Special Provisions</b> .....	<b>26</b>
Article 8.1 Provisions for students with a disability.....	26
Article 8.2 Provisions for elite performance students.....	26
Article 8.3 Provisions for students who previously studied abroad .....	26
Article 8.4 Provisions applicable to other situations .....	26
<b>Chapter 9. Final Provisions</b> .....	<b>27</b>
Article 9.1 Derogating from the Programme and Examination Regulations .....	27
Article 9.2 Adoption and entering into force .....	27
Article 9.3 Publication .....	27
<b>Academic Calendar 2023-2024   Appendix 1</b> .....	<b>28</b>
<b>Education Learning Plan (ELP)   Appendix 2</b> .....	<b>29</b>
<b>Test Regulations 2022-2023   Appendix 3</b> .....	<b>30</b>
Article 1. General provisions .....	30
Article 2. Conditions for written tests .....	30
Article 3. Conditions for digital tests at THUAS testing locations .....	31
Article 4. Conditions for digital tests administered remotely (online, via the internet) .....	31
Article 5. Conditions concerning digital invigilation (online proctoring) for digital tests administered remotely (online, via the internet) .....	32
Article 6. Conditions for other forms of tests and forms of administering tests .....	33
Article 7. Supervision and irregularities.....	33
Article 8. Enrolment procedure for tests.....	33
Article 9. Complaints about an a test or administration of a test .....	34

## Definitions

Academic year	The period commencing on 1 September and ending on 31 August of the following year, unless the programme doesn't start on 1 September. If this is the case the different date should be mentioned in the academic calendar (appendix 1) and the academic year is the period of 12 months starting from this date.
Advisory right	The right of consultation that participation council has on some components of the PER.
Appeal	Legal procedure at the Examination Appeals Board or the Disputes Committee, aimed at reconsideration by a different body.
Associate degree programme (Ad programme)	An independent degree programme without a propaedeutic phase and with a study load of 120 credits that leads to the award of an Associate degree (WHW, article 7.3a(2a)).
Attendance requirement	The requirement that a student has to be present physically or online which has been laid down in the module description.
Bachelor's degree programme	An independent degree programme with a propaedeutic phase and a study load of 180 or 240 credits that leads to awarding a Bachelor's degree (WHW, article 7.3a(2b)).
Brightspace (former Blackboard)	Brightspace is one of the communication tools for lecturers and students to provide educational notifications and messages.
Competency	An integrated set of skills, knowledge, understanding and attitudes required to create professional products in a professional context that meet the prevailing quality standards.
Contact hour	An hour of education in which a lecturer or a qualified tutor is either physically present or has direct contact with the student via other channels. Contact hours include (digital) lectures, workshops, project tutoring, internship tutoring, tests and individual study coaching in so far as these have been scheduled for all students of THUAS. Time for individual study, (unaccompanied) internship time, graduation research and thesis writing are not part of the contact hours. The number of contact hours per unit of study is listed, in this number the hours for tests are included.
Credit	The unit used to express study load. In accordance with the European Credit Transfer System (ECTS), one credit is equivalent to 28 hours of study (WHW, article 7.4(1)).
Course	See unit of study.
Cumulative test	A test form in which the assessed content from the previous assessment(s) is added or increased. The test will partially test new content as well as previously tested content. The test consists of several components and these components form one single test.
Dean	Taking into account all legal provisions, the Cao-hbo and the institution wide frameworks laid down by the Executive Board, the dean has within his organizational unit all tasks and authorization concerning e.g. the internal organization, the personnel policy (including recruiting and appointing personnel and Occupational Health and Safety and absence policy), the financial policy, the education and research policy and the student policy.
Diploma	The documentary evidence issued when an examination candidate has successfully completed either the propaedeutic examination or the final examination of the programme or the AD programme, as referred to in WHW, article 7.11(2).
Disability	A visible or invisible intellectual or physical disability.
Dual programme	A programme in which one or more periods of study (the study component) are alternated with programme-related professional practice (the practical component) (WHW, article 7.7(2)).

	Professional practice takes place on the basis of an agreement concluded by the programme, the student and the company or organization (WHW, article 7.7(5)).
EC	European Credit; An EC is the unit of the study load in the ECTS, European Credit Transfer System (ECTS). One EC is equivalent to one credit and represents 28 study load hours.
Education programme	The whole of the units of study (including work placements and units of study to be chosen by the student in the minor segment) and the corresponding tests forming part of the propaedeutic and main phase of the Bachelor's degree programme, or of the Associate degree programme. An education programme can also be named curriculum.
Education Learning Plan (ELP)	The schematic representation of the curriculum in which e.g. the units of education, competencies/ learning outcomes, work forms, contact hours, self study hours and test forms are recorded.
Elective	A unit of study that can be used in the elective segment. This might be an optional module, pre-master programme, membership of a programme committee, or major programme courses offered by another programme at THUAS or externally.
Elite athlete	A student who participates in national and international competitions at the highest level and has been granted this status by The Netherlands Olympic Committee* Netherlands Sports Confederations (NOC*NSF), or a student practising his sport at the highest national level. The student must spend a weekly average of at least 15 hours on the sports activity.
Elite performance	High-level performance, which places the student among the top performers on national or international level in his discipline, at the Executive Board's discretion.
E-proctor	An officer appointed by THUAS to review images marked with an orange flag by the proctor.
Exam	An exam has been taken if the tests for all units of study forming part of the propaedeutic or main phase of a programme have been successfully completed, to the extent the Exam Board has not determined that its own assessment of the examinee's knowledge, understanding and skills also forms part of the exam (WHW, article 7.10(2)).
Exam Board	The body responsible for objectively and expertly establishing whether a student meets the conditions set out in the Programme and Examination Regulations concerning the knowledge, understanding and skills required for the award of a degree (WHW, article 7.12(2)). This body is also responsible for securing the quality of tests and the quality of organization and procedures regarding tests and exams.
Examination Appeals Board	The Examination Appeals Board of The Hague University of Applied Sciences, as referred to in WHW, article 7.60 (see also the Examination Appeals Board Regulations in Part 1 of the Students' Charter).
Examiner	A lecturer or representative appointed by the Exam Board with the responsibility for conducting tests and establishing the results thereof (WHW, article 7.12c(1)).
Executive Board	The governing body of The Hague University of Applied Sciences (as referred to in WHW, articles 10.2 and 1.1(j)).
Exemption	Entire or partial dispensation to meet enrolment or admission requirements or dispensation to take a (partial) test.
External student	A person enrolled as an external student at The Hague University of Applied Sciences and under WHW, article 7.36, only has the right to sit the tests for the units of study corresponding to the

	programme as well as the examinations corresponding to the programme and, in principle, has the right to access THUAS's facilities and collections (such as the library).
Faculty	An organizational unit under the leadership of a dean, as described in the "Bestuur- en Beheersreglement" (BBR).
Faculty Council	A participation council on faculty level as referred to in article 10.25 of the WHW. The rights to endorse and to consult are laid down in the Codetermination Regulations The Hague University of Applied Sciences.
Fraud	The act or omission of the student that causes the assessor to be unable to assess the student's knowledge or ability in a correct and fair manner.
Full-time programme	A full-time programme is a programme that is formed without taking into consideration performing other activities than programme-related activities. Activities in the form of work placement are part of the education programme and can earn credits.
General Council (GC)	The Staff and Student Council in the sense of Article 10.17 of the WHW. Its rights to endorse and to be consulted are laid down in the Codetermination Regulations The Hague University of Applied Sciences.
Holiday period	In the holiday period no activities are required or mandatory for the programme. This refers to the time periods when the buildings are closed (see appendix 1).
Honours programme	A programme additional to the study load of the regular programme, subject to predefined selection criteria.
Learning outcome	Describes what a student is supposed to know, understand and apply after completing a learning period. This may be a learning period or learning track within the educational programme or a learning track at work or in their free time (informal learning). It can also be used as a synonym for unit of study.
Major	The component of the programme which enables a student to acquire the required competencies as set out in the relevant profile.
Master's degree	The initial degree programme as referred to in Sections 7.3 (a)2(c) of the WHW.
Minor	A related unit of study worth 15 to 30 credits to be used in the minor segment.
Minor segment	Part of the programme the student is free to fill in for the purpose of broadening his general knowledge or to enable him to deepen his substantive knowledge of the major programme competencies. The minor segment is worth 30 to 45 credits for full-time programmes and 15 to 30 credits for part-time, dual- and three-year-programmes.
Module	See unit of study.
Module description	A description of the contents of the unit of study which at least contains the elements laid down in Art.7.13(2) of the WHW, that are not recorded in this PER.
Objections	Legal procedure at the Exam Board or another body that has taken a decision with legal consequences, aimed at reconsideration by the same body. Brightspace is the electronic learning environment.
Osiris	The digital academic progress system in which all of the study data from all students is recorded.
Osiris Case	Osiris application in which the student can submit requests, objections and complaints to the Exam Board and to the Legal Protection Office and can apply for financial support from the Profiling Fund.



Participation requirement	A requirement for the student to actively participate in a practical exercise or preparation for a practical exercise which is prescribed in the ELP and the module description.
Partial test	A partial test is an examination of the knowledge, understanding and skills of the student that is being assessed with a result, and forms part of a test as such (related to 'test').
Part-time programme	A programme, the structure of which takes account of the possibility that the student will also be involved in activities other than programme-related activities. Under certain circumstances these activities can be designated as units of study of which the acquired competencies will then be tested. Requirements can be imposed if this work experience is registered as one or more units of study in the PER/ ELP (WHW, article 7.27).
Main phase	The part of a programme that follows the propaedeutic phase.
Practical component	The component of a dual programme involving professional practice as part of the programme.
Practical exercise	A practical exercise (WHW, article 7.13(2d)) that focuses on the acquisition of specific skills. This includes at least the dissertation, creating a report or a draft version, undertaking a work placement, taking part in fieldwork or excursions and conducting tests or experiments.
Profiling Fund	Name of the fund established by the education institution to facilitate the financial support of a student enrolled at the education institution who has fallen behind or is expected to fall behind in his studies as a result of a special circumstance.
Programme	A programme constitutes a coherent whole of units of study, the aim of which is to acquire competencies or achieve goals relating to knowledge, understanding, attitudes and skills, which the person should possess upon completion of the programme (WHW, article 7.3(2)). Programmes may be offered as full-time, part-time or dual variants.
Programme and Examination Regulations (PER)	The regulations containing information about the programme, the applicable procedures and rights and obligations with respect to the programme and the examinations (WHW, article 7.13(1) and (2)).
Programme Committee	A participation body established for each programme or group of programmes of which the tasks, responsibilities, rights to endorse and to be consulted are laid down in the Codetermination Regulations 2017 The Hague University of Applied Sciences.
Programme Framework	Key document that has been determined for the duration of several years, which describes the essence of the programme; the professions for which students are trained, what the learning outcomes are and what the vision is on testing and education.
Programme manager	The executive of a programme.
Propaedeutic phase	The first block of the bachelor's degree programme with a study load of 60 ECTS that precedes the main phase and in which students gain an understanding of the content of the programme and their future profession. Selection and referral are possible at the end of this phase (WHW, article 7.8(5)).
Qualified attendant	A person who is deemed qualified and is assigned by the programme manager for the performance of a specific part of the education programme, not being a lecturer.
Recess	During recess no educational activities are scheduled, but projects and tests/ resits may be scheduled. This refers to fall, spring and summer break (see appendix 1).
RIO (formerly CROHO)	Registratie Instellingen en Opleidingen (in Dutch)

Shortened programme	A Bachelor's programme, the structure of which has been adapted to a shorter duration due to individual exemptions based on the student's prior education.
Student	A person who is enrolled in a programme at The Hague University of Applied Sciences, and whose rights include, among others, the right to pursue education at THUAS.
Student coach	The professional who coaches the student during the study.
Student counsellor	The independent officer who advises and guides students when they have personal problems of material or immaterial nature and if necessary mediates.
Students' Charter	The Students' Charter consists of two parts: the institution-specific section (Part 1) and the (partially) programme-specific section (Part 2). Part 1 sets out the rights and obligations of students and those of THUAS, and contains an overview of the regulations that protect students' rights. Part 2 contains the Programme and Examination Regulations, a general description of the programme structure and student facilities, including academic student counselling (WHW, article 7.59).
Study advice	Advice provided to a student on the continuation of studies within or outside the programme, which is issued at the end of the first year of enrolment for the propaedeutic phase or until the student has passed the propaedeutic examination or at the end of the first period of an Ad-programme with a study load of 60 credits. (WHW, article 7.8(b). Positive, deferred or binding negative study advice may be given.
Study career counsellor	The study career counsellor supports the process in which the student controls the content of his education programme by carrying out activities aimed at enabling him to gain an understanding of what motivates him, his talents and outlook. The study career counsellor is sometimes referred to as a coach.
Study component	The component of the dual programme that involves pursuing the studies provided by the programme.
Study guide	Information guide for students for one or more programmes which in all cases contains the PER, ELP and practical information about the programme.
Subject	See unit of study.
Test	A test is an examination of the knowledge, understanding and skills of the student as well as the assessment of the results of this examination. A test may consist of several partial tests. The term 'test' has the same meaning as the term <i>tentamen</i> as used in WHW, article 7.10.
Test regulations	Further provisions concerning tests and partial tests, relating among other things to enrolment, attendance, submission method and submission period of assignments, conduct, permissible aids and prohibited acts.
The right to endorse decisions	The right that a participation council has to endorse components of the PER.
Three-year HBO-track	A track within a bachelor's programme with a study load of 180 credits, and a nominal duration of three years, accessible only to those who hold a vwo diploma or a diploma deemed equivalent by THUAS (WHW, article 7.9a).
Unit of study	A comprehensive component of the programme that is concluded with a test (WHW, article 7.3(2)). A unit of study may also be referred to as 'course', 'subject', 'module' or 'learning outcome'.
University	The Hague University of Applied Sciences.
Validation	Previously obtained learning outcomes (including outcomes obtained elsewhere) can be validated through an examination that

	is independent from the programme. Learning outcomes may also be validated through an individual exemption, which can be requested through the Exam Board.
Variant	The division of a programme into full-time, part-time or dual programme.
WHW	The abbreviation for the Dutch Higher Education and Research Act (Wet op het hoger onderwijs en wetenschappelijk onderzoek). Visit: <a href="http://www.wetten.nl">www.wetten.nl</a> (in Dutch).
Working day	All days of the year with the exception of Saturdays, Sundays, public holidays and leave days that have been officially designated as such for the staff of The Hague University of Applied Sciences.
Working week	All weeks of the year except the Christmas Holiday.
WSF 2000	Student Financing Act 2000 (Wet op de Studiefinanciering 2000).

# Chapter 1. General Provisions

## Article 1.1 Scope

1. These Programme and Examination Regulations apply to students enrolled in the full-time variant of the Master Next Level Engineering in the 2023-2024 academic year.
2. If a provision or chapter does not apply or only applies to a Master's programme or an associate degree programme, this is indicated above the relevant article or chapter.
3. With the exception of the provisions on education and student coaching, the Programme and Examination Regulations also apply to external candidates.
4. No rights can be derived from the Programme and Examination Regulations of previous years. Exceptions to this rule apply to transitional measures, such as those referred to in article 3.5.
5. Students participating in the Experiment flexstuden (tuition fee per credit) will find the rules applicable to them in the Regeling flexstuden De Haagse Hogeschool ([link](#)). Insofar as the Regeling flexstuden De Haagse Hogeschool do not deviate from the Programme and Examination Regulations, the Programme and Examination Regulations also apply in full to flex-students.

## Article 1.2 Information provision

1. The programme provides the student with regular information about the education in a timely manner through the Student Portal or Brightspace.
2. The programme always provides the student with the module description associated with a unit of study prior to the start of the unit of study through the Student Portal or Brightspace. The module descriptions can be found in Brightspace.
3. The programme makes the lecture schedule for an entire educational period available no later than 10 days before the beginning of that semester. The programme makes the test schedule for that educational period available to the student as soon as possible before the beginning of that period.
4. The programme will no longer make any changes to schedules that have been made available to the student. This rule can be deviated from in the event of an unforeseeable circumstance. In that case, the programme announces the change in question as soon as possible.
5. If a (previously announced) test date needs to be adjusted, there must be a minimum period of 10 working days between the announcement date of the change and the new test date. Moreover, the new test date may not be scheduled before the original test date.
6. The student is responsible for consulting their university of applied sciences email address, the Student Portal, Osiris and Brightspace. Even if a student is no longer enrolled, they should regularly consult the private email address known to the university of applied sciences.

## Article 1.3 The Exam Board

1. Each programme or group of programmes within a faculty has an Exam Board. For the Master Next Level Engineering, this is the Exam Board TISX.
2. Requests to the Exam Board must be submitted digitally via Osiris Zaak. Osiris Zaak can be found on a separate tab in Osiris. A short manual can be found on the Osiris page of the Student Portal. For other cases, the Exam Board can be reached via [tisx-examencommissie@hhs](mailto:tisx-examencommissie@hhs).
3. The duties and powers of the Exam Board are laid down in the Regulations for the Exam Boards of the university of applied sciences. The rules on the performance of these duties and powers are laid down in the Internal Rules of the Exam Board.
4. A student can turn to the Exam Board for reasons including a request for:
  - a. exemption from one or more tests;
  - b. exemption from the obligation to take part in practical exercises in view of admission to taking the test in question, whether or not subject to alternative requirements being imposed;
  - c. exemption from the entry requirement for taking a test;
  - d. admission to fast tracks;
  - e. admission to an honours programme;
  - f. admission to a minor or giving substance to the minor programme in a different way;
  - g. extension of the validity period of a successfully taken test or partial test;
  - h. postponement of the awarding of a certificate;
  - i. provisions and adaptations due to functional limitation, chronic illness or personal circumstances (see article 7.5.3);

- j. academic facilities for the purpose of practicing elite sport or delivering outstanding performances in the field of culture or another field;
  - k. derogation from the Programme and Examination Regulations if the application thereof would lead to significant unfairness, also see chapter 10 of these regulations.
5. The Exam Board may correct an apparent error in Osiris. The Exam Board will notify the student of this.
  6. In cases where the Programme and Examination Regulations do not provide for a reasonable period of time within which the Exam Board has to take a decision at the request of a student, a period of 15 working days applies, upon receipt of a complete request.

#### **Article 1.4 Legal protection**

1. A student may appeal to the Examination Appeals Board against a decision of an examiner or of the Exam Board. A refusal to make a decision (within the period of time set by the law or these regulations) will be considered equivalent to a decision. In the absence of such a period of time, a decision term of 6 working weeks applies.
2. The appeal must be submitted to the Legal Protection Office via Osiris Zaak within 6 weeks of the decision. The Office ensures that the appeal is brought before the Examination Appeals Board. For the procedure, see the Legal Protection Desk Regulations, Annex I to the Student Charter part 1, available on the [Student Portal](#). If the notice of appeal is submitted after that term, it will not be considered, except in the case of force majeure. Should it not be possible to submit a notice of appeal within the six-week term, the student may submit a provisional notice of appeal in anticipation of a reasoned notice of appeal.
3. The requirements a notice of appeal should meet, are described in the Examination Appeals Board (CBE) Regulations, Annex J tot the Student Charter part 1, available on the [Student Portal](#). The student may be assisted in this procedure by an ombudsman.
4. Upon receipt of the notice of appeal by the CBE, the Exam Board will be asked to examine within a period of 3 weeks whether or not settlement is possible. If this is not possible, the Exam Board must file a statement of response. The further course of procedure before the CBE can be found in the Regulations referred to in paragraph 3.
5. In principle, CBE will give its decision within fourteen days, after the court hearing. The reasoned decision will follow later.
6. A student may appeal to the Administrative Jurisdiction Division of the Council of State (formerly: Higher Education Appeals Board) within 6 weeks of the decision of the CBE, if he disagrees with that decision. It is not possible to appeal against the decision of the Administrative Jurisdiction Division of the Council of State.

## Chapter 2. Programme

### Article 2.1 Objective of the programme

The Master Next Level Engineering helps to contribute to solving identified societal challenges (in a global, digitised economy), like climate change, an ageing workforce and increased demand for healthcare. Problems that will ask for paradigm shifts, in a highly digitised and data-driven world, with new actors and roles, who may be confronted with ethical dilemmas and organisations in transition. The goal is to educate engineers for the field of Smart Industry/Industry 4.0, Agriculture Technology (further abbreviated as AgTech), HealthTech and Energy. Relevant topics in the master relate to circular economy, industry standards, big data, IOT/sensor systems, digital transformation, robotisation, etcetera. Data Science will also play a prominent role as part of the engineering skillset.

### Article 2.2 Programme profile

The learning outcomes of the THUAS programme were found to be in such agreement with the programme competencies developed by the HU-UASU, that it was gradually decided to join forces in further developing the Next Level Engineer. The complicated task for a Next Level Engineer graduate, have led to the formulation of the following competencies on programme level:

1. Identify, breakdown, specify and solve engineering problems through selection and application of appropriate (research) specialisms, tools and techniques and in co-design with relevant stakeholders'.
2. Demonstrate the ability to critically assess the research and designed solutions (in terms of (social) relevance, viability, validity and reproducibility from different perspectives).
3. Design or provide detailed specification of experiments and research (to validate, evaluate and justify choices or to specify subsequent research).
4. Communicate and explain the substance and relevance of research (solutions and recommendations) effectively in different contexts and on different levels;
5. Professionally reflect, assess personal performance and that of peers.

### Article 2.3 Structure of the programme

The Master Next Level Engineering is provided in the full-time variant.

### Article 2.4 Language of instruction

1. The language of instruction of the programme is English, to get the students to advanced/working proficiency and to prepare them for the international working environment.
2. It is possible that a unit of study may be offered in a language other than the programme's language of instruction. If a different language is used, this will be mentioned in the module description of the unit of study in question (also see the [Foreign Languages Code of Conduct](#), [Student Charter part 1](#)).

### Article 2.5 Admission to the programme

Admission to the programme is subject to the rules described in the Regulations for Enrolment and De-registration for government funded programmes, [Student Charter part 1](#). Information on admission requirements and admission conditions can be found on the external website.

### Article 2.6 Study load

The study load of the Master's programme is 60 credits.

### Article 2.7 Specialisations

This programme does not feature any specialisations.

### Article 2.8 Additional costs

1. Only tuition fees may be charged for enrolling as a student in the programme.
2. In order to be able to follow the programme, it is necessary to purchase certain instructional (support) materials. The cost thereof, to be borne by the student, are expected to amount to approximately € 250 per academic year.
3. Excursions and working visits may form part of the educational programme. This may involve costs for the student.

4. If the student is unable to pay these costs, the student will be offered an equivalent alternative, aimed at achieving the same learning objectives. The related application procedure is described in the module description of the unit of study in question.

## Chapter 3. Education

### Article 3.1 Structure of the education programme

1. An academic year consists of two semesters.
2. The annual planning is attached in Appendix 1.
3. The programme consists of units of study. These units of study are described in the Educational Learning Plan (ELP) attached in Appendix 2. Per unit of study, the ELP will in any case include the following information:
  - a. the name of the unit of study;
  - b. the semester in which the unit of study is offered;
  - c. the competencies/learning outcomes associated with the unit of study;
  - d. the format(s) in which the education is provided and any attendance requirement or participation requirement in tutorials and practicals;
  - e. the number of contact hours and independent study hours;
  - f. the number of credits;
  - g. the test formats, including the weighting factors of any partial tests;
  - h. the format of conducting the test;
  - i. the week in which the test is offered;
4. The provisions of paragraphs 1 up to and including 4 of this article do not apply to programmes which take part in the *Experiment leeruitkomsten*.

### Article 3.2 Graduation

The module description of graduation includes arrangements with regard to graduation, the assessment in the graduation phase and determination of the results. The graduation manual can be found in Brightspace.

### Article 3.3 Transitional measures

'Not applicable'.

### Article 3.4 Test results that are subject to becoming outdated the following academic year

'Not applicable'.

### Article 3.5 Honours programme

The programme does not feature an honours programme.



## Chapter 4. Tests

### Article 4.1 Tests and partial tests

1. A unit of study concludes with a test.
2. A test may consist of several partial tests or in the case of cumulative testing, will be conducted in several components.
3. A written test lasts no longer than two clock hours per session. This is not including a possible extension of the duration of the test. The programme states the duration of the test in the module description for the educational unit and this may only differ from the maximum standard if relevant for the content and following consultation with the dean.

### Article 4.2 Testing method and time at which tests are held

1. Appendix 2 describes for each unit of study in what format the tests will be administered. If necessary, due to force majeure, it is possible to deviate from the determined test format during the academic year.
2. The moment in which the tests of a unit of study will be administered must be published in a timetable at the start of that particular unit of study. The 10 day-term as stated in article 1.2, paragraph 3 must be observed.
3. In case of cumulative tests, the first test will be conducted on several occasions and the resit will be conducted on one single occasion.

### Article 4.3 Conditions for participating in tests

1. The student is obliged to comply with the Test Regulations, Appendix 3, and if applicable, the digital test regulations.
2. If the student is required to pass one or more tests to allow him to sit a test or partial test, this condition is set out in Appendix 2 as well as in the module description of the unit of study corresponding to the test or partial test. The module description also sets out the procedure that a student should follow to request an exemption from the Exam Board.

### Article 4.4 Public nature of oral tests and exams

Oral tests and examinations are not open to the public unless provided otherwise in the module description of the relevant unit of study. In special cases the Exam Board may decide otherwise.

### Article 4.5 Assessment

1. A test or partial test may be marked as follows:
  - a. a grade on a scale of 1.0 up to and including 10.0, or
  - b. the qualification 'good', 'pass' or 'fail', or
  - c. satisfactory/ not satisfactory.
2. If a test or partial test is marked with a grade as referred to in paragraph 1(a), the grade will be expressed with one decimal. The average figure for grades resulting from a weighted or an arithmetic average of several partial tests is calculated on the basis of the results of the partial tests which are expressed with one decimal. If the average figure includes more than one decimal, the average figure is cut off after the first decimal (example: 6.49 is rounded to 6.4).
3. Units of study which represent 10 or more credits are assessed with a grade on a scale from 1.0 to 10.0.
4. The grading system for the various components of a test, partial test or component of a cumulative test, will be announced prior to the examination or on the actual test form. If the grading system is not mentioned, the same grading system will apply to all components of the test. Based on the qualitative analysis of the test, the examiner may adjust the grading retroactively. The examiner has to report the adjustment of the grading to the Exam Board.

### Article 4.6 Provisions applicable to partial tests

1. If a test consists of several partial tests, the result of the test will only be determined if:
  - a. the student has achieved a 'good', 'pass' or 'fail' mark for all partial tests marked on the basis of a 'good or 'pass', and

- b. the student has at least achieved a grade of 4.5 for every partial test marked with a grade, unless the module description of the relevant unit of study and the Education Learning Plan state differently;
  - c. the student has achieved 'satisfactory' for all partial tests marked on the basis of a 'satisfactory'/'not satisfactory'.
2. If the conditions referred to in paragraph 1 have been met, the test result will be determined as the weighted average of the results of the partial tests marked with a grade. The weighting factors applicable to partial tests are described in Appendix 2.
3. The above (1 and 2) does not apply to cumulative tests, which include several components that form one single test, but does apply to the results of cumulative tests.

#### **Article 4.7 Award of credits**

1. Credits are allocated to a unit of study in whole numbers ranging from a minimum of 3 credits.
2. Credits are awarded if the student:
  - a. has achieved a grade of 5.5 or higher for the test of the unit of study concerning, or
  - b. has achieved a 'good' or 'pass' mark, as referred to in Article 4.5(1), for the test of the unit of study concerning, or
  - c. 'satisfactory' or
  - d. has been granted exemption from the test of the unit of study concerning by the Exam Board.
3. No credits are awarded for passing a partial test.
4. The final results of tests taken for units of study cannot counterbalance each other, the results of partial tests can.

#### **Article 4.8 Announcement of results**

1. The results of a test, partial test or a component of a cumulative test must be announced in Osiris no later than 15 working days after the date on which it was administered, but at least 3 working days prior to the scheduled resit. In case of force majeure, the programme manager may determine to extend the term with up to 5 working days, but no later than 3 days prior to the scheduled resit date. Students will be informed of this by the programme. The student can report overdue announcement of the result to the programme manager.
2. The examiner and the Exam Board may correct apparent mistakes in Osiris. Examiners may only do so within 2 months after the date on which the test or partial test was administered. After this time frame, the student may derive rights from the results as posted in Osiris, unless the student could reasonably have known that the entered result is an apparent error.
3. Results that have been announced via other media, for example OnStage and Brightspace, are not definitive and no rights can be derived from this.

#### **Article 4.9 Review**

1. The student is given the opportunity to review the marked test, partial test, cumulative test and the grading applied on an occasion to be announced by the programme. This review occasion will be no later than 25 working days after the (partial) test has been conducted and at least 3 working days before the scheduled resit date. Review of the test can also take place remotely, in a digital classroom setting. In cases where review in a digital classroom setting is not possible, the answers of the test will be made available.
2. If the student can demonstrate that they cannot be present at the announced review occasion for a well-founded reason, the student may schedule an appointment with the examiner to review the test.
3. For tests for which no collective review occasion is scheduled, for example an internship report or assignment, an individual appointment may be scheduled with the examiner for inspection. The periods stated in paragraph 3 of this article will then apply.
4. The right of review is a one-time only right.
5. During the review, students are not allowed to make notes on or of the test, or make any changes to the submitted work. It is also not permitted to take photographs or any other type of copy. The programme manager may derogate from this in consultation with the Exam Board.

### **Article 4.10 Force majeure**

1. If a student is prevented from taking part in a test or partial test due to force majeure, and if academic progress is affected as a result, the Exam Board may decide to allow the student to take the test or partial test at another time. To this end, the student can submit a written and reasoned request to the Exam Board. This request must be submitted to the Exam Board no later than 5 working days after the test or partial test in question.
2. Force majeure applies in the event that it is impossible to perform an obligation for causes not attributable to the defaulting person in question.

### **Article 4.11 Resits**

1. One resit will be offered in the same academic year for every test or partial test. The module description of the relevant unit of study states when resits will be held for every test or partial test. In case a resit for a test or partial test cannot take place in the same academic year because a resit would not reasonably fit within the education programme due to the specific nature of a unit of study, this will be stipulated in the module description.
2. The student may participate in the same test or partial test no more than twice per academic year, insofar as the test or partial test is held on more than two occasions per academic year. The student may resit tests passed with satisfactory marks in the academic year in which these were attained or in the following academic year. The student is not permitted to resit tests passed with satisfactory marks in subsequent years. Tests from the propaedeutic phase cannot be retaken after the propaedeutic exam has been issued.
3. For cumulative tests, the resit consists of one (partial) test.
4. The highest result achieved applies to resits of tests and partial tests.
5. In special cases, the Exam Board may decide to derogate from the provisions in paragraphs 1, 2 and 3 and allow an additional resit. This may be the case, for example, when academic progress is compromised by force majeure. To this end, the student can submit a written and reasoned request to the Exam Board.

### **Article 4.12 Granting exemption**

1. The Exam Board may grant a student exemption from a test if it is of the opinion that the student already meets the requirements in terms of content and level of the relevant unit of study. The Exam Board determines the period of validity for the exemption. No exemption can be granted from a partial test or a component of a cumulative test.
2. Exemption may be granted on the basis of the following:
  - a. the tests results achieved for another NVAO-accredited degree programme,
  - b. the competencies, knowledge or skills acquired through (work) experience.
3. A student wishing to apply for exemption may submit a request to the Exam Board via Osiris Case stating reasons. The request must be accompanied by the supporting documents showing that the student already meets the requirements for the relevant unit of study. The request must be submitted to the Exam Board no later than 5 working days after the unit of study has commenced.
4. If the request is incomplete, the Exam Board may decide to allow the student to complete the request within a period to be determined by the Exam Board.
5. The Exam Board will inform the student in writing of its decision within 15 working days of receipt of the (complete) request.

### **Article 4.13 Validity of test results**

1. If a student has passed either a propaedeutic exam or a final exam, the exam results are valid indefinitely.
2.
  - a. Test results, partial test results and exemptions are valid indefinitely, but can lose their validity if knowledge, skills or insight have become demonstrably outdated.
  - b. Every year, the programme publishes test results that are subject to becoming outdated the following academic year following a balanced assessment (see article 3.6). The Exam Board will then determine whether an individual result can reasonably be deprived of its validity.
3. At the student's written request, the Exam Board may in special cases, as stated in article 7.5, but not exclusively, decide to extend the validity period of a test or partial test result or exemption therefrom, or to administer an additional or alternative test. Requests to extend the validity based on approved personal circumstances are awarded at a minimum for the number of months for which compensation

has been awarded from the Profiling Fund. The request must be submitted to the Exam Board no later than 15 working days prior to the expiry of the validity period applicable to that particular test or partial test.

#### **Article 4.14 Declaring tests or partial tests invalid**

1. If irregularities have been detected in a test, partial test or component of a cumulative test, after having consulted with the dean the Exam Board may decide to declare that test or partial test invalid also for students who were not found to have committed irregularities, if the Exam Board is of the opinion that the assured quality of the tests and examinations has been compromised.
2. If no irregularities have been detected in a test or partial test, the Exam Board can, having done careful investigation and after consultation with the dean of the faculty, from its statutory duty to ensure the quality of the tests and examinations (article 7.12b, paragraph 1.a WHW), decide that a test is invalid, if it is of the opinion that the assured quality of the tests cannot be guaranteed.

## Chapter 5. Exams and diplomas

### Article 5.1 Exams

1. The bachelor's degree programme has two examinations: the propaedeutic exam and the final exam. An associate degree programme and a master's programme require a final exam.
2. The final exam is passed if the student has successfully taken all tests of the units of study associated with the master's programme.
3. The Exam Board determines the results of an exam.
4. Contrary to paragraphs 2 and 3, before determining the results of an exam the Exam Board may itself undertake to assess the student's knowledge, understanding and skills if the results of the relevant tests give cause to do so.

### Article 5.2 Award of degrees

1. The Executive Board grants the degree "Master of Science" if the Exam Board has established that the student has passed the final exam of the master's programme.
2. The student may express the degree awarded as part of his name as referred to in Section 7.19a of the WHW.

### Article 5.3 Diploma

1. The Exam Board will award the student a diploma in evidence of the fact that he has passed the propaedeutic exam or final exam in accordance with article 7.11 WHW.
2. This diploma will only be issued if the institution's board has stated that the student complied with the procedural requirements for issuing the certificate as set out in the Regulations for Enrolment and De-registration for government funded programmes.
3. The student who has fulfilled the conditions for taking the final exam may ask the Exam Board to decide at a later point in the academic year that they have fulfilled the conditions. To this end, the student must submit a written and reasoned request via Osiris Zaak no later than 5 working days before the meeting of the Exam Board. The Exam Board informs the student of its decision in writing after the meeting.
4. The diploma includes a list of grades and contains the following details:
  - a. the full name and date of birth of the student;
  - b. the name of the university of applied sciences and the name of the programme as stated in the RIO;
  - c. an overview of the units of study obtained and the results obtained for them;
  - d. the date on which the programme was last accredited, or the date on which the programme successfully passed the new degree programme test;
  - e. for the final exam, the degree awarded to the student;
  - f. for the final exam, where applicable, the competence attached to passing the final examination;
  - g. the date of the meeting in which the Exam Board determined the result of the exam.
5. The text on the certificate is written in Dutch and English.
6. The diploma is signed on behalf of the institution by the chairperson of the Exam Board.
7. A diploma supplement in accordance with the European standard format, as referred to in Section 7.11(4) of the WHW, will be added to the certificate at the final examination. This diploma supplement is written in English. If the student has successfully taken part in an honours program, a note to this effect will be included in the diploma supplement and the student will receive a separate certificate.
8. In the event that the student ceases their studies and the Exam Board is not able to issue a diploma to them, the student may ask the Exam Board (see article 1.3(2) of these Regulations) to issue a statement stating the successfully passed tests (and the associated credits).

### Article 5.4 Distinctions

1. The Exam Board will determine whether a student has passed the final exam 'with distinction' or 'with highest distinction'. If the student meets the conditions for either of the above distinctions, the distinction will be recorded on the diploma.
2. The following conditions apply to these distinctions:
  - a. the weighted average of the results achieved by the student for all units of study corresponding to the exam in question must be at least:

- 1° 8 for the distinction 'with distinction';
- 2° 9 for the distinction 'with highest distinction', and
- b. the student has been awarded at least the following marks for all units of study corresponding to the phase in question.
  - 1° 7 or 'pass' for the distinction 'with distinction';
  - 2° 8 or 'pass' for the distinction 'with highest distinction', and
- c. the student has been granted exemption from less than half of the education programme in the propaedeutic or main phase, and
- d. the Exam Board has never found the student guilty of fraud, and
- e. for the distinctions for the final exam of the master's programme that the student has completed the programme in a maximum of 14 months (full time programme) or 28 months (part time programme).
- 3. The conditions under paragraph 2.e apply to students who have started the propaedeutic or main phase of the programme from the academic year 2021-2022 and onwards.
- 4. The number of credits applicable to the relevant unit of study applies as the weighting factor in calculating the average as referred to in paragraph 2(a). The results achieved for units of study marked on the basis of the 'pass' or 'fail' scale or the 'satisfactory' or 'not satisfactory' scale are not included in determining the average mark, nor are the units of study for which the student has received exemption.

### **Article 5.5 Certificates in recognition of special contributions**

1. In addition to their diploma, students who are actively engaged in organisations aimed at improving the study and social environment may also receive a certificate showing their extra activities, provided that the student has not received any credits or financial compensation for these activities. A student must be nominated for a certificate by a minimum of two employees of THUAS.
2. Nominations for students who have carried out activities within the faculty or programme should be addressed to the relevant dean. Nominations for students who have carried out University-wide activities should be addressed to the Executive Board.
3. The dean or the Executive Board respectively will decide whether to award the certificate to the student and, if their decision is positive, will present it to the student.
4. A student who has managed to combine study and elite sports can request - next to his diploma - a certificate from the elite sports coordinator, which will be signed by the Executive Board and the director of NOC\*NSF.

## **Chapter 6. Counselling**

### **Article 6.1 Counselling and coaching**

1. The student is entitled to counselling and coaching throughout his studies, aimed at the student's success and his development into a world citizen.
2. The counselling of the student relates to the content of the study and covers all activities and facilities provided by lecturers (teams) to support the student in his studies.
3. The activities within the framework of counselling and coaching are described in the relevant module descriptions.
4. The programme ensures that at least once every academic year a conversation takes place with the student about the study progress. In this interview, the study progress is discussed on the basis of the results achieved.



## Chapter 7. Irregularities

### Article 7.1 Scope

1. The term 'irregularities' includes, but is not limited to the following:
  - a. failure to follow the written or verbal regulations or instructions concerning tests;
  - b. fraud;
  - c. plagiarism.
2. The term 'fraud' includes, but is not limited to the following:
  - a. viewing another candidate's paper during a test;
  - b. having prohibited materials within sight or within reach at the test;
  - c. submitting work under a name, other than the student's own;
  - d. breaching the regulations (in part) laid down to prevent fraud during a test;
  - e. making one's own material available to others to be submitted as (part of) assessed work;
  - f. apprising oneself of the test questions, assignments or model answers to a test before the test is held;
  - g. copying test questions and/ or model answers during or after a test, either for personal use or for putting these at the disposal of others;
  - h. using forged information for research as part of a unit of study or thesis;
  - i. falsifying assessments.
3. The term 'plagiarism' includes, but is not limited to the following acts:
  - a. including the work of others, whether verbatim or paraphrased, in quotation marks or otherwise, in one's own work without further qualification or citation of sources;
  - b. presenting detailed ideas or the findings of others as one's own ideas or findings.

### Article 7.2 Procedure concerning the discovery of irregularities

- 1a. If irregularities are suspected before, during or after a test, the following procedure applies:
  - a. The student will be given the opportunity to finish the test or examination.
  - b. The invigilator or examiner will confiscate any potential evidence.
  - c. The invigilator or examiner will prepare a report which at least includes his observations and the grounds on which fraud is suspected.
  - d. The invigilator or examiner will be supported, if necessary, by an examination assistant and will notify the Exam Board of any irregularity or suspicion of fraud and will present a report.
  - e. The Exam Board will inform the student of the suspicion of irregularities within 5 working days of receiving the information.
  - f. The Exam Board will give the student an opportunity to be heard within 15 days of receiving the report, and will do so by means of a written invitation.
  - g. The Exam Board will establish whether irregularities have taken place within 15 working days of the date on which the student was given the opportunity to be heard.
  - h. If further investigations are required, the Exam Board may decide to extend the period of 15 days, and will inform the student thereof in good time.
  - i. The decision will be communicated to the student in writing together with any sanctions imposed, a copy of which communication will also be sent to the dean.
  - j. In case of an irregularity or irregularities, a remark is made by the Exam Board in Osiris.
- 1b. If irregularities are suspected in digital invigilation (online proctoring), the following procedure applies:
  - a. The proctor views the images and informs the e-proctor of THUAS of possible irregularities by qualifying the images with an orange or a red flag. Within 3 working days, the e-proctor of De HHs will assess the images of the orange flags and will colour the flag red in case of a possible irregularity (technical problems) or a suspicion of fraud and will subsequently inform the Exam Board.
  - b. Within 5 working days the Exam Board will assess the images of the red flags and decide whether the work can be checked or whether the student needs to be heard.
  - c. Within five working days after assessing the images, the Exam Board will notify the student of any possible irregularity or suspicion of fraud.
  - d. Within fifteen working days after the student has been given the opportunity to be heard the Exam Board will establish whether any irregularities have taken place.
  - e. If further investigation is required, the Exam Board may decide to extend the term of fifteen working days and will notify the student accordingly in due time.



- f. The decision, together with any sanctions imposed, shall be communicated to the student in writing, with a copy to the dean.
- g. In the event of an irregularity being established, the Exam Board shall make a note of it in Osiris.
- 2. In the event of suspected fraud, plagiarism or other irregularities, the completed work will not be reviewed. The examiner will not assess the work submitted. If the Exam Board establishes that fraud, plagiarism or other irregularities have not been committed, the work will then be reviewed and assessed.
- 3. For the detection of plagiarism in texts, use may be made (among other things) of electronic detection programmes. By submitting text, students grant permission for their text to be included in the database of the relevant detection programme. The student should submit work in a format that can be read by the electronic detection programme. The permitted file formats are published in the module descriptions.
- 4. If an irregularity is found or suspected in a test, the Exam Board may decide to investigate previous tests submitted by the same student to determine whether irregularities can be found.

### **Article 7.3 Sanctions**

- 1. Depending on the seriousness of the irregularities, including repeated irregularities, the Exam Board may impose the following sanctions:
  - a. warning;
  - b. declare the relevant test or partial test invalid;
  - c. exclude the student from taking part in the relevant test for a maximum period of 1 year;
  - d. exclude the student from additional tests to be specified by the Exam Board, for a maximum period of 1 year;
  - e. a combination of the above measures.
- 2. At the Exam Board's request, the Executive Board may proceed with the following sanctions:
  - a. permanent termination of the student's enrolment in the programme;
  - b. report the incident to the police;
  - c. a combination of the above measures.
- 3. An appeal or objection against a sanction imposed by the Exam Board or the Executive Board on the basis of this article may be lodged with the Legal Protection Desk via Osiris Case within 6 weeks of the decision.

## Chapter 8. Special Provisions

### Article 8.1 Provisions for students with a disability

1. A student with a disability arising from a handicap or chronic illness is entitled to effective, i.e. suitable and essential adapted provisions, unless it would disproportionately burden THUAS to provide them. Adapted provisions are intended to remove or limit obstacles and to foster the independence and full participation of students as far as possible. The adapted provisions may relate to the following:
  - a. access to buildings;
  - b. the education programme, including work placements;
  - c. study timetables;
  - d. the teaching methods, including supervision;
  - e. the education materials, and
  - f. tests.
2. Students with a disability who wish to assert their right to adapted provisions must submit an adequately substantiated request to the Exam Board. The request must also include a recommendation by the student counsellor, which is based on a certificate submitted to the student counsellor, issued by a BIG-registered health care professional, containing the student's personal details and the medical diagnosis. Contrary to the previous sentence, students suffering from dyslexia need only submit a certifying statement based on an examination by a qualified psychologist or orthopedagogue. If deemed necessary by the Exam Board for the purpose of its decision, the Exam Board may ask the student to show the earlier mentioned certificate.
3. The following periods apply to decision-making on facilities for students with a disability:
  - a. the student counsellor will issue a recommendation to the Exam Board within 15 working days after the intake interview relating to the student's disability;
  - b. the Exam Board will issue its decision on the granting of adapted provisions within 15 working days of receipt of the student counsellor's recommendation;
  - c. a decision granting adapted provisions will be implemented within 15 working days after the decision has been taken;
  - d. if the request relates to a complex provision, each of these periods may be extended by a further 15 working days. The relevant officer will inform the student of the extended period before the expiry of the original period.

### Article 8.2 Provisions for elite performance students

1. A student who performs elite sports, or performs at elite level in a cultural or other field, may submit a request for study provisions. The student must submit such a request to the Exam Board without delay at the start of the academic year, or immediately after commencing the activities.
2. The Exam Board will issue a decision within 15 working days of receiving the request. The Exam Board will seek the advice of the elite sports coordinator in the case of elite sports, and the student counsellor in the case of any other type of elite performance.

### Article 8.3 Provisions for students who previously studied abroad

1. A student who has been granted admission on the basis of a secondary education diploma earned outside the Netherlands may submit a request to be allowed 30% more time to take tests or partial tests in the Dutch language and/ or to be allowed the use of a 1 or more dictionaries during the first three years of enrolment at THUAS. This request can be submitted throughout the entire academic year to the Exam Board, though it should preferably be submitted as soon as possible after the start of the academic year via Osiris Case.
2. The Exam Board may extend the provisions at the student's request.

### Article 8.4 Provisions applicable to other situations

In special cases provisions may be made available to students who do not satisfy the conditions referred to in Articles 8.1-8.3. In these instances, the dean will decide on whether or not to implement the provisions.

## **Chapter 9. Final Provisions**

### **Article 9.1 Derogating from the Programme and Examination Regulations**

1. If the Exam Board is of the opinion that application of the Programme and Examinations Regulations would lead to a significant unfairness and in all cases that the Programme and Examination Regulations do not provide for, the Exam Board will decide, unless the Dean of Faculty is competent on the subject in question.
2. In all cases that the Programme and Examination Regulations do not provide for or in which the application of the Programme and Examination Regulations would lead to significant unfairness, the student may submit a reasoned request to the Exam Board. The Exam Board will then take a decision within 15 working days, taking into account not only the interest of the student but also the interest of the organisation.

### **Article 9.2 Adoption and entering into force**

1. The programme PER will be adopted by the Dean of Faculty before 1 July 2023, after the Degree Programme Advisory Committee and the faculty council have exercised their participation rights.
2. These Programme and Examination Regulations will enter into force on 1 September 2022 and can be referred to as: PER Master's programme 2023-2024.

### **Article 9.3 Publication**

These Programme and Examination Regulations are available on The Hague University of Applied Sciences' intranet and internet.

## Academic Calendar 2023-2024 | Appendix 1

This is the academic calendar for 2022-2023. The academic calendar for 2023-2024 will follow soon.

Period	Data			week
<b>Semester 1</b>	<b>28-08-2023</b>	<b>to</b>	<b>02-02-2024</b>	<b>35-5</b>
autumn recess	16-10-2023	to	20-10-2023	42
THiNK FeST	2-11-2023			44
Christmas Holiday	25-12-2023	to	05-01-2024	52-1
<b>Semester 2</b>	<b>05-02-2024</b>	<b>to</b>	<b>28-06-2024</b>	<b>6-26</b>
spring recess	19-02-2024	to	23-02-2024	8
Easter	29-03-2024	to	01-04-2024	13-14
King's Day	27-04-2024			17
Liberation Day	05-05-2024			18
Ascension Day	09-05-2024	to	10-05-2024	19
White Monday	20-05-2024			21
Summer recess	15-07-2024	to	30-08-2024	29-35

### Definitions

Since the various holidays/ recesses are not identical, the following definitions are used:

- **Holiday period:** no activities that are required or mandatory for the programme. This refers to the time periods when the buildings are closed (on holidays, on the Friday after Ascension Day and during Christmas Holiday).
- **Recess:** no scheduled educational activities, but projects and tests/ resits may be scheduled. This refers to fall, spring and summer break.

- 1) The academic year starts on Monday in the working week in which 1 September falls. If 1 September falls in a weekend, the academic year starts on the following Monday.
- 2) Educational activities and tests take place on weekdays (Mon-Fri) and on Saturday.

## Education Learning Plan (ELP) | Appendix 2

Credits	Education unit		Semester		Teaching method	Assessment format	Partial tests weighting factor	Minimum passing grade	Assessment moment	Resit	Grade	Competencies	Average contact hours	Average self-study hours
	Course code	Course name	1	2										
5	t.b.d.	Applied Data Science	x		Lecture, workshop, online tutorial	Assignment: individual tutorials; group assignment; review.	1	5,5	week 10	end semester 1	Numeric	1, 2	30	110
10	t.b.d.	Key Enabling Technologies	x		Lecture, workshop, excursion, coaching	(Individual) Assignment.	1	5,5	week 10	end semester 1	Numeric	2, 4, 5	120	160
15	t.b.d.	Design & Prototyping Project	x		Lecture, workshop, project, coaching	Assignment: professional product & presentation; (group) report; (individual) assessment.	1	5,5	week 19-20	week 10 (semester 2)	Numeric	1, 2, 4, 5	120	300
10	t.b.d.	Getting Started with Applied Research		x	Workshop, coaching	(Individual) Assignment; report.	1	5,5	week 10	week 13-14	Numeric	1, 2, 3, 4, 5	140	140
20	t.b.d.	Graduation Project		x x	Workshop, project, coaching	(Individual) research report or professional product; presentation; assessment; reflection.	1	5,5	week 18-20	*	Numeric	1, 2, 3, 4, 5	60	500

\* to be decided on a case-by-casebasis

## Test Regulations 2022-2023 | Appendix 3

### Article 1. General provisions

- 1.1 These Test Regulations contain the rules for correct conduct during examinations for all Bachelor's degree and Associate-degree programmes at The Hague University of Applied Sciences. The regulations form part of the Programme and Examination Regulations.
- 1.2 In these regulations, the term 'test' also includes partial tests and resits.
- 1.3 Violation of the Test Regulations may be regarded as an irregularity in the sense of Chapter 8 of the Programme and Examination Regulations (PER).
- 1.4 The student has a period of six weeks in which he may submit an objection or lodge an appeal with the Legal Protection Desk against any decision taken on the basis of these regulations. This period will commence on the day after the announcement of the decision (via Osiris Case) and runs throughout the holiday periods.
- 1.5 If the Exam Board has decided to grant adapted provisions to a student with a disability arising from a handicap or chronic illness on the basis of Article 9.1 of the Programme and Examination Regulations, this may lead to deviations from the rules set out in these Test Regulations, to the extent in which the deviations follow from the decision of the Exam Board.
- 1.6 THUAS retains the ownership of the tests at all times. The appropriation of a test of partial test, and/ or the distribution of it in any form is prohibited at all times.

### Article 2. Conditions for written tests

- 2.1 The student must be enrolled for the test in accordance with the rules set out in Article 8 of these regulations.
- 2.2 The student is expected to be present in the examination room and to be seated in the place allocated to him 15 minutes before the designated start time of the examination. Students who arrive after the designated start time will be denied entry. Opportunities for resits are described in Chapter 4 of the PER.
- 2.3 Students must present a valid form of ID (not a copy or photograph) prior to the examination, namely:
  - a. a passport or identity card, where this passport or identity card has been issued by a member state of the European Union, Great Britain, Northern Ireland, Norway, Iceland, Lichtenstein or Switzerland, or
  - b. a Dutch driving licence or an EU driving licence, or
  - c. a Dutch residence permit, or
  - d. a Dutch W-document (issued to asylum seekers) or a Privileged Person's Identity Card ('Geprivilegieerdendocument' – issued to persons with diplomatic status).
- 2.4 The student must sign the attendance list.
- 2.5 During the examination, the student may only use the question sheets and examination stationery provided, and the permitted aids/ tools, as stated on the cover page of the test. The invigilators may also distribute coloured scrap paper. No other paper or scrap paper is allowed. Any aids/ tools other than those named above must be placed out of sight and out of reach of the student.
- 2.6 Students must leave their jackets, bags, mobile phones, watches and any other non-permitted aids/ tools in the designated place and should switch off their mobile phones. Students are not allowed to wear a watch, and/ or a smartwatch, during the examination.
- 2.7 From the moment that the examination papers are handed out, students are not permitted to communicate with others in any way, or to exchange paper or aids/ tools, with the exception of those stated in Article 2.9.
- 2.8 Students are only allowed to open the question paper after the invigilator has given instructions to do so.
- 2.9 If a student is unclear about anything, he may call the attention of the invigilator by raising his hand.
- 2.10 Students are not permitted to remove or record an image of tests, answer sheets or scrap paper.
- 2.11 Students are not permitted to use the bathroom during examinations that last two clock hours or less. If an examination last for longer than two clock hours, students are permitted to use the bathroom once after 15 minutes have passed since the start of the examination, and no later than 30 minutes before the end of the examination. This should be under the supervision of an

- invigilator. Students should leave their work behind in such a way that other students are unable to see this work.
- 2.12 The work that is handed in must be written in pen. The first page of the work handed in should indicate the number of pages which make up the work. Each page should be numbered and should state the student's name and student number.
  - 2.13 The student may not leave the examination room during the first 15 minutes and the last 15 minutes of the examination.
  - 2.14 After leaving the examination room, the student must immediately move out of earshot of the examination room.
  - 2.15 Examinations for the same programme that take place on the same day and at significantly different geographic locations must be scheduled at least two clock hours apart to ensure enough time for students to reach both locations.

### **Article 3. Conditions for digital tests at THUAS testing locations**

- 3.1 Students should be enrolled for the test in accordance with the provisions of Article 8 of these regulations.
- 3.2 When students take digital tests at THUAS testing locations the test is made on a device managed by THUAS or on a device of their own that has been approved for BYOD (Bring your own device) by THUAS in a suitable equipped examination room. With exception of Articles 2.5 and 2.12, the provisions in Article 2 of these regulations apply similarly to digital examinations. Additional test regulations may also be specified that arise from the specific nature of a digital examination. These regulations are shown on the digital cover sheet and/ or the instruction sheet of the test and will also be provided to the student well before the start of the examination.
- 3.3 Digital examinations for the same programme that take place on the same day must not be scheduled immediately after one another to ensure sufficient time for students to rest, and to accommodate extension periods of individual examinations.

### **Article 4. Conditions for digital tests administered remotely (online, via the internet)**

- 4.1 Students should be enrolled for the test in accordance with the provisions of Article 8 of these regulations.
- 4.2 When students take digital tests administered remotely (online, via the internet) they take a test on a device that they own, or a device that is lent to them by THUAS or another party.
- 4.3 Students must have access to a device, any specified software required to take the test, and a stable internet connection. The email sent to students informing them about the examination will provide details about the use of permitted and non-permitted software. This will also be stated on the digital cover sheet of the test.
- 4.4 The student may only use the permitted aids/ tools, as stated on the cover sheet of the test. This information will also be provided to the student well before the start of the examination.
- 4.5 Students are not permitted to communicate with other students during the examination in any manner whatsoever.
- 4.6 The student submits their test by uploading it using the digital button provided for this purpose in the electronic test environment.
- 4.7 The moment of submission of the test is the moment after which it is no longer possible to upload the test taken. The opportunity to upload the test ends at the specified time.
- 4.8 The email informing the student about the examination will provide details about the type of file that the student should use for creating and uploading the test and this will also be specified on the digital cover sheet of the test.
- 4.9 Students are not allowed to record the test questions on paper or on their own device, or to photograph or film the test or parts of the test.
- 4.10 By submitting the test the student declares that he took the test in accordance with the test regulations and that it is his own work.
- 4.11 The provisions of Article 2 of these regulations do not apply. Special test regulations and/ or invigilation regulations will be drawn up for digital examinations administered remotely, depending on the specific characteristics of the test. These regulations are shown on the digital cover sheet and/ or instruction sheet of the test and will also be provided to the student well before the start of the examination.



- 4.12 Digital tests for the same programme that take place on the same day must not be scheduled immediately after one another to ensure sufficient time for students to rest, and to accommodate extension periods of individual examinations.

### **Article 5. Conditions concerning digital invigilation (online proctoring) for digital tests administered remotely (online, via the internet)**

- 5.1 The student should be enrolled for the test in accordance with the provisions of Article 8 of these regulations.
- 5.2 When students take digital tests administered remotely (online, via the internet), they take the test on their own device, or on a device lent to the student by THUAS or another party.
- 5.3 The device used by the student should possess a separate or built-in webcam and microphone which work correctly, other specified software required to take the test, the Chrome internet browser, and a stable internet connection. The email sent to students informing them about the examination will provide details about the use of permitted and non-permitted software.
- 5.4 The student should have a well-lit and clear table/ desk upon which only any supporting material specified in advance should be placed.
- 5.5 Students should identify themselves on camera in accordance with Article 2.3.
- 5.6 The student may only use the permitted tools/ aids as stated on the cover sheet of the test. This information will also be provided to the student well before the start of the examination.
- 5.7 Students should be seated 30 minutes prior to the start of the examination in a room that other people are unable to access during the administration of the test.
- 5.8 During the 30-minute period preceding the start of the examination to the time at which the test is submitted, the student is not permitted to have contact with other people, other than the digital instructor for the examination via the chat function.
- 5.9 Students submit the test by uploading it using the digital button provided for this purpose in the electronic test environment.
- 5.10 Students should show their work environment to the digital invigilator, including their table/ desk using a webcam.
- 5.11 Students are not permitted to leave the room in which they are sitting during the allotted time. Students are not permitted to be out of sight of the camera. Therefore, students are not permitted to use the bathroom.
- 5.12 While taking the test, students are not permitted to make sounds, or background noise, such as humming, etc.
- 5.13 Students are not permitted to use earplugs, headphones or other types of ear phones. This is only possible if the student has obtained permission to do so from the Exam Board in advance, so before the administration of the examination.
- 5.14 Students are not permitted to use any form of additional screen.
- 5.15 Eating and/ or drinking is not permitted during the examination.
- 5.16 During the examination, it is not permitted to wear a watch (including a smartwatch), or use any other mobile device, other than the obligation to use the mobile phone to perform the environmental scan and as a second camera during the proctoring session.
- 5.17 The student will be called to conduct the system check by an email from the examination administrator and must carry out the system check no later than 48 clock hours prior to the start of the examination. After the check has been completed successfully, the student will receive a second email containing a link to the online examination.
- 5.18 Unless stated otherwise on the cover sheet of the test, only the Chrome browser may be used during the examination and all other applications should be closed.
- 5.19 Students are not allowed to record the test questions on paper or on their own device, or to photograph or film the test or parts of the test.
- 5.20 By submitting the test, the student declares that he has taken the test in accordance with the test regulations, that it is entirely his own work, and that he understands that any suspected irregularities will be communicated to the Exam Board.
- 5.21 Further test regulations and/or invigilation regulations will be drawn up for digital examinations administered remotely, depending on the specific characteristics of the test. These regulations are shown on the digital cover sheet and/ or instruction sheet of the test and will also be provided to the student well before the start of the examination.



## **Article 6. Conditions for other forms of tests and forms of administering tests**

- 6.1 Students should be enrolled for the test in accordance with the provisions of Article 8 of these regulations.
- 6.2 The programme will ensure that the student is informed in good time about test regulations and invigilation regulations for other tests that are not written or digital, such as oral tests, presentations, paper assessments and practical assessments. These regulations will be laid down in the module description of the unit of study concerned.
- 6.3 Tests for the same programme that take place on the same day and at significantly different geographic locations, must be scheduled at least two clock hours apart to ensure enough time for students to reach both locations.

## **Article 7. Supervision and irregularities**

- 7.1 The invigilators are responsible for monitoring the conduct of written and digital tests at THUAS examination locations. At least one invigilator must be present at all times in the examination room during written and digital tests taken on site at THUAS.
- 7.2 The student must follow the instructions of invigilators and other staff members before, during and immediately after the examination.
- 7.3 The student is not allowed to enter into a discussion with the invigilator during the examination.
- 7.4 If the student displays behaviour during the examination which the invigilator deems disturbing to other students, and the student does not cease this behaviour after being warned, the invigilator may decide to remove the student from the examination room.
- 7.5 In the event of irregularities, the procedure described in Article 8.2, 1a of the Programme and Examination Regulations will be followed. A report on the relevant incidents will be sent to the Exam Board.
- 7.6 The monitoring of good conduct during digital tests administered remotely may involve the use of digital invigilation, also known as 'online proctoring'. Remote invigilators use software to monitor the tests taken by students for irregularities, during and/ or after the examination. If irregularities are suspected, the procedure as described in Article 8.2, paragraph 1b of the Programme and Examination Regulations applies. See the link for more information about [online proctoring](#).

## **Article 8. Enrolment procedure for tests**

- 8.1 Students enrol during the test enrolment period that has been opened for this purpose, via Osiris to take all tests and/ or partial tests. Exception: students who are in the first year of enrolment in the propaedeutic phase of the respective programme will be enrolled by the programme for the tests or partial tests they have not yet taken or completed. The programme is responsible for providing students with adequate information about the enrolment period.
- 8.2 Students enrol for minors and other options, and in doing so are automatically enrolled for the tests belonging to that unit of study, but not for the resits.
- 8.3 The student is responsible for correctly enrolling in good time for tests or partial tests (not only for written or digital tests, but also for oral tests, presentations, paper assessments and practicals, etc.) in Osiris. Students should always check whether they are enrolled, and if they are not, should take immediate action to perform the enrolment via Osiris.
- 8.4 Enrol for participation in a test or partial test counts as participation in this test or partial test. Students who do not wish to take the test for which they have enrolled should de-enrol. This is possible up to one working day before the (partial) test.
- 8.5 After the formal test enrolment period, the programme will organise a late enrolment period. Students who have not enrolled for a test (or partial test) during the formal test enrolment period for whatever reason may be able to enrol in person at the Faculty Office desk during a limited time period for late enrolments, which will be determined by the programme and published on the portal. The students need to report in person at the counter of the Technology, Innovation and Society faculty office. Students may still be able to take the test (or partial test) if they enrol during the late enrolment period, though this is solely where organisationally possible (including the availability of places). If the student is also unable to enrol during the late registration period, he will be excluded from taking the test (or partial test). Each test period has an a test enrolment period and a late enrolment period.

**Article 9. Complaints about an a test or administration of a test**

Complaints concerning a test or the administration of a test can be submitted to the Exam Board of the respective programme via the Legal Protection Desk.