

EDUCATION AND EXAMINATION REGULATIONS FOR BACHELOR PROGRAMME TECHNICAL COMPUTER SCIENCE

Faculty EEMCS

Academic year 2026-2027

Introduction to the Education and Examination Regulations for Bachelor's degree programmes at the Faculty of Electrical Engineering, Mathematics and Computer Science.

The Dutch Higher Education and Research Act (Wet op het hoger onderwijs en wetenschappelijk onderzoek, WHW) of 1993 requires a broad outline of the teaching programme and examining for each degree programme to be recorded in the Education and Examination Regulations (EER (Dutch: OER)).

In accordance with Section 7.13, Paragraph 1, of the WHW, the EER must contain sufficient and clear information about the degree programme or group of programmes to which they apply. Section 7.13, Paragraph 2, of the WHW lists those issues that must, as a minimum, be stipulated in the EER with respect to procedures, rights and responsibilities relating to the teaching and examinations that are part of each degree programme or group of programmes. The WHW also includes a number of separate obligations relating to the inclusion of rules within the EER.

The model EER is subdivided into two sections (Section A and Section B), which together form the EER. Section A, which can be seen as the university section, includes provisions that apply to all Bachelor's degree programmes. Section B contains the provisions that are specific to the particular Bachelor's degree programme.

Table of contents

Section 1	General provisions	5
Article 1.1	Applicability of these regulations	5
Article 1.2	Definitions	6
Section 2	Contents and structure of the degree programme	8
Article 2.1	Intended learning outcomes and Structure of the degree programme	8
Article 2.2	The degree programme's language of instruction	8
Article 2.3	Exemption	8
Article 2.4	Individualised programme.....	8
Section 3	Teaching and Assessment	9
Article 3.1	General	9
Article 3.2	Online assessment	9
Article 3.3	Results	9
Article 3.4	Modules	10
Article 3.5	Registration.....	10
Article 3.6	Description of modules and assessment schedule	10
Article 3.7	Oral assessment	10
Article 3.8	Assessment deadline, examination and test date	10
Article 3.9	Period of validity of results	11
Article 3.10	Right of discussion and inspection	11
Article 3.11	Evaluation of education	11
Section 4	Final examination and diploma	12
Article 4.1	Examination Board	12
Article 4.2	Final examination and degree	12
Article 4.3	Diploma.....	12
Section 5	Student guidance.....	14
Article 5.1	Student guidance	14
Article 5.2	Special facilities	14
Article 5.3	Studying with a functional impairment	14
Article 5.4	Request for facilities when studying with a functional impairment	14
Section 6	(Binding) recommendation on continuation of studies (BSA).....	15
Article 6.1	Preliminary recommendation on continuation of studies	15
Article 6.2	(Binding) recommendation on continuation of studies	15
Article 6.3	Discontinuation of the programme.....	15
Article 6.4	Postponement of recommendation on continuation of studies.....	16
Section 7	Amendments, transitional arrangements, appeals and objections	17
Article 7.1	Conflicts with the regulations	17
Article 7.2	Administrative errors.....	17
Article 7.3	Amendments to the Regulations	17
Article 7.4	Transitional arrangements	17
Article 7.5	Assessment of the education and examination regulations	17
Article 7.6	Appeal and objections	17
Article 7.7	Hardship clause	17
Article 7.8	Publication	17
Article 7.9	Entry into force.....	17
SECTION B: PROGRAMME-SPECIFIC SECTION.....		18
SECTION 1—CONTENTS AND STRUCTURE OF THE PROGRAMME.....		18
Article 1.1 General objectives of the programme (WHW, Article 7.13, paragraph 2c)		18
Article 1.2 The Programme Intended Learning Outcomes (WHW, Article 7.13, paragraph 2c) ..		18
Article 1.3 Content of the programme and related examinations (WHW, Article 7.13, paragraph 2a) ..		19
Article 1.4 Programme format (WHW, Article 7.13, paragraph 2i).....		23
SECTION 2—LANGUAGE OF TUITION (Section A, Article 2.2, paragraph 1).....		23
SECTION 3—TEACHING AND ASSESSMENT		23
Article 3.1 Assessment and examination formats (WHW Article 7.13, paragraph 2i)		23
Article 3.2 Registration of results		23
Article 3.3 Participation in tests.....		23

Article 3.4 Examination transparency	23
Article 3.5 Requesting an extra resit	23
Article 3.6 Confidentiality	23
Article 3.7 Teaching evaluations (Section A, Art. 3.12.3)	24
Article 3.8 Laptop 24	
Article 3.9 Canvas bachelor TCS.....	24
SECTION 4—FINAL DEGREE AUDIT	24
Article 4.1 Pass/Fail Regulation	24
Article 4.2 Cum Laude	24
SECTION 5—BINDING RECOMMENDATION (BSA)	24
Article 5.1 Binding Recommendation (BSA)	24
SECTION 6—DOUBLE DEGREE AM-TCS	24
SECTION 7—COMPENSATION ARRANGEMENT FIRST YEAR MATH	25
Article 7 Compensation first year mathematics study unit	25
SECTION 8—MATCHING	25
SECTION 9—TRANSITIONAL ARRANGEMENTS (Section A, Art 7.4.)	25
SECTION 10—COMBINING MODULES	25
SECTION 11—GRADUATION SEMESTER	25
Annex 1: Double Degree Applied Mathematics - Technical Computer Science	26
Article 1 Study programme AM-TCS.....	26
Article 2 Minor and Bachelor's Assignment	29
Article 3 Teaching Evaluation	29
Article 4 Extra requirements for double degree AM-TCS	29
Article 5 Pass/Fail Regulations	30
Article 6 Cum Laude	30
Article 7 Binding Recommendation (BR/BSA)	30
Article 8 Transitional arrangements	30

Section 1 General provisions

Article 1.1 Applicability of these regulations

1. This general section of the education and examination regulations applies to all students enrolled in the programmes in the programmes Applied Mathematics, Business Information Technology, Creative Technology, Electrical Engineering and Technical Computer Science.
2. Students attending courses that are not part of the student's core programme (see Article 1.2) are subject to the rules laid down in the appropriate documents, such as the rules laid down in the assessment schedule of the relevant study unit, or the rules laid down in the programme-specific part of the EER of the coordinating degree programme. The decision on special facilities in accordance with Article 5.2 may only be taken by the Examination Board of the degree programme for which the student is enrolled.
3. Each degree programme has its own programme-specific part.
4. For each degree programme, this general section and the programme-specific part together form the education and examination regulations for the main programme concerned.
5. The general section and the programme-specific part of the education and examination regulations are determined by the Faculty Board.
6. The institute section of the [Student Charter](#) includes a definition of what the University of Twente considers to be academic misconduct (fraud). The rules and regulations of the Examination Board for the programme in question include additional rules about academic misconduct (fraud), such as which measures the Examination Board may take if it establishes misconduct (fraud).
7. The rules and regulations of the Examination Board of the programme in question include provisions about the rules of order during tests and rules in case of emergencies.
8. The following applies in respect of the language used in the education and examination regulations and the rules and regulations of the Examination Board:
 - a) In case of uncertainty or discrepancy, the Dutch version of this general section is binding.
 - b) English versions of the programme-specific part of the education and examination regulations and the Examination Board's rules and regulations should be available for English-taught bachelor's programmes.
 - c) Where the programme-specific part of the EER and the rules and regulations of the Examination Board of the bachelor's programme concerned are available in both Dutch and English, each version must, for the sake of clarity, state which version is binding.
9. Requests to deviate from provisions laid down in the education and examination regulations must be submitted to the Examination Board or the programme director of the student's main programme, as laid down in the relevant articles of these Regulations.

Article 1.2 Definitions

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

Academic year: The period beginning on 1 September and ending on 31 August of the following year.

Assessment: A systematic process of fostering, evaluating and certifying student learning. The process includes the design, development and implementation of assessment tasks, and the judgement and reporting of student learning performance and student's achievement of specified intended learning outcomes. Assessment can be used to foster the student's learning process and development (formative) or to evaluate the student's performance (summative).¹

Assessment schedule:

A schedule showing how and when the learning objectives of the module or the study units of the module are assessed and when they are attained (see Article 3.6).

(Binding) recommendation on continuation of studies (Bindend studieadvies, BSA):

A recommendation on continuation of studies as referred to in Article 7.8b, paragraph 1 and 2 WHW involving expulsion from the degree programme in accordance with Article 7.8b, paragraph 3 WHW, issued by the programme director, as mandated by the Institutional Board.

Canvas: University of Twente's digital learning environment.

Core programme: The same study units from the curriculum that apply to all the students enrolled in the degree programme. The minor phase is excluded.

Credit: A unit of 28 study workload hours, in accordance with the European Credit Transfer System. A full-time academic year consists of 60 credits, equal to 1680 hours of study (Article 7.4 WHW).

Curriculum: The aggregate of required and elective study units constituting a degree programme as laid down in the programme-specific part.

Degree programme:

Bachelor's degree programme as referred to in the programme-specific part to these education and examination regulations. In this document, also referred to as the programme.

Examination: An evaluation, performed to conclude a study unit, of the student's knowledge, understanding and skills as well as a judgement of the outcomes of that evaluation (Article 7.10 WHW), in relation to the intended learning outcomes, that results in one final grade for the completed study unit. An examination may consist of a number of tests (see footnote²).

Examination Board:

The body that objectively and professionally assesses whether a student meets the conditions laid down in the education and examination regulations regarding the knowledge, understanding and skills required to obtain a degree (Article 7.12 WHW).

Examiner: The individual appointed by the Examination Board to administer examinations and tests and to determine the results, in accordance with Article 7.12 paragraph c WHW.

Exemption: The decision of the Examination Board that the student has knowledge and skills which are comparable in terms of content, scope and level with one or more study units or components of study units. An exemption is granted based on acquired competencies, i.e., previously passed examinations in higher education or in view of knowledge and skills attained outside higher education.

Faculty Board: Head of the faculty (Article 9.12, paragraph 2 WHW).

Final examination:

A degree programme is concluded with a final examination. If the study units in the degree programme have been completed successfully, then the final examination will be deemed to have been completed (Article 7.10 WHW).

Higher Education and Research Act (abbreviated to 'WHW'):

The Higher Education and Research Act, Bulletin of Acts and Decrees 1992, 593, and its subsequent amendments.

Honours programme:

Institution-wide bachelor's Honours programme.

Institution: University of Twente (Universiteit Twente).

Institutional Board:

The Executive Board of the University of Twente (Article 1.1 WHW).

Minor phase: Elective space conferring 30 credits that the student can also fill with an offer outside the programme.

Module: One or more study unit(s) that together comprise 15 credits in which the student's knowledge, understanding and skills are developed and assessed in a coherent manner.²

Osiris: System designated by the Institutional Board for registration and for providing information on all relevant data related to the students and the degree programme, as referred to in the WHW.

Practical exercise:

A practical exercise as referred to in Article 7.13, paragraph 2d WHW is a study unit or a study unit component emphasising an activity that the student engages in, as described in the programme-specific part.

¹ In accordance with the UT Framework for Assessment Policy
www.utwente.nl/en/service-portal/educational-support/about-ut-education/assessment-policy-ut-framework

² More information about organisation of education and modules can be found on the website:
www.utwente.nl/en/educational-systems/student-applications/osiris/manuals-for-students/#about-bachelor-modules.

Programme Committee (OLC):

Committee referred to in Article 9.18 WHW.

Programme Director (OLD):

The person appointed by the Faculty Board to administer the degree programme (Article 9.17 WHW).

Retention period: The amount of time that certain types of information or documents must be kept by universities and university medical centres.³

Student: Anyone enrolled in a degree programme in accordance with Article 7.34 and 7.37 WHW.

Study adviser: Person appointed by the Faculty Board who acts as contact between the student and the university, and in this role represents the interests of the student, as well as fulfilling an advisory role.

Study unit: A programme component as defined in Article 7.3, paragraph 2 and 3 WHW. Each study unit concludes with an examination, resulting in receiving a result and obtaining credits when that study unit is passed.

Study workload: The time an average student needs to learn the course material. The study workload comprises project work, independent study, lectures and writing assignments, for example. The study workload is expressed in ECTS credits according to the European Credit Transfer System.

Test: An evaluation of the student's knowledge, understanding and/or skills as well as a judgement of the outcomes of that evaluation, in relation to the intended learning outcomes. A test is part of an examination.

A test is registered as such at the level of 'test' in Osiris (see footnote²). If the examination for a study unit consists of a single test then the result of that test will count as the result of the examination.

Teaching period: The period in which a study unit is offered. The teaching period starts in the first week in which an educational activity takes place for the study unit concerned and ends in the final week in which an educational activity takes place and/or a test is administered for the study unit concerned. Resits are not part of the teaching period. An [academic calendar](#) is provided.

TimeEdit viewer: The application used at the University of Twente to view and download the timetable of the degree programme.

UT: University of Twente.

Working day: Any day from Monday to Friday with the exception of official holidays and the prearranged compulsory holidays ('brugdagen') on which the staff are free.

The definition of all other terms used in these Regulations is in accordance with the definition accorded by the main text of this document, the programme-specific part of the EER, the Student Charter or the WHW.

³ These periods are defined in a schedule called the "Universities and University Medical Centres 2020 Retention and Disposition Schedule." The University of Twente follows this schedule, which was officially adopted by the Minister for Primary and Secondary Education and Media on 27 January 2020. The University also refers to retention periods in the Assessment Policy (UT Framework).

Section 2 Contents and structure of the degree programme

Article 2.1 Intended learning outcomes and Structure of the degree programme

Explanatory notes: Article 7.13 WHW

1. The programme director is responsible for the content, structure, organisation and evaluation of the degree programme. This includes the coherence and correlation of the education, and the assessment of education, in the way that is suitable for the relevant programme for assessing theoretical knowledge and practical skills.⁴
2. The qualities relating to the knowledge, understanding and skills that the student should have acquired upon completing the degree programme (aims and intended learning outcomes) are set out in the programme-specific part.⁵
3. The degree programme consists of 180 credits.
 - a) The degree programme consists of a core programme of 120 credits, a minor phase of 30 credits and a graduation phase totalling at least 15 credits.
Exceptions are the Advanced Technology and Technical Medicine programmes, which have electives instead of minors, or have no minors, but do have a core programme of more than 120 credits.
 - b) The core programme of the degree programme is specified in the programme-specific part.
 - c) The core programme consists of modules.
 - d) Before the start of a study unit, the student must meet the prior knowledge prerequisites for that study unit, as described in the Osiris Course Catalogue, taking into account Article 3.1 paragraph 4.
 - e) Students generally complete their minor phase in the first semester of their third year of study.
 - f) The degree programme for which the student is enrolled may set conditions for the number of credits required to be eligible for admission to the minor. These conditions are specified in the relevant programme-specific part.
 - g) Students are limited in their choice of minor by the provisions of paragraph d and f. The choice of minors available can be viewed on the [minor website](#)
 - h) In principle, the second semester of the third year of studies is devoted to the graduation phase, which comprises a minimum of 15 credits.
 - i) The student must have completed the core of the bachelor's programme to be admitted to the graduation phase.
 - j) The Examination Board⁶ is authorised in individual cases to deviate from paragraph d, f, h and i, if strict adherence to those provisions would result in an unacceptable delay in study progress. In consultation with the study adviser, the student may submit a proposal to the Examination Board for this.
4. The programme-specific part describes the degree programme in accordance with Article 7.13, paragraph 2, a to e, i, l, s, t and v WHW.

Article 2.2 The degree programme's language of instruction

1. The official language of instruction is the language in which education is given and in which tests and examinations are held.
2. The choice of the official language for a degree programme or components of a degree programme lies with the programme director, subject to the right of consent of the programme committee. The degree programme's language of instruction is specified in the programme-specific part.
3. The choice of the official language for a degree programme, or any deviation from that choice for programme components, is to take place in accordance with language policies of the University of Twente and relevant Articles of the WHW, such as Article 7.2 WHW.

Article 2.3 Exemption

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

Article 2.4 Individualised programme

1. Any student can compile an individualised programme, for which a degree and diploma is awarded, as referred to in Article 7.3j WHW.

⁴ Subject to the responsibility of the Faculty Board to establish the EER for the programme, and the institutional rules about the validity of grades (Art. 3.9).

⁵ More information about the organisation of education and modules can be found on the website:
<https://www.utwente.nl/en/educational-systems/student-applications/osiris/manuals-for-students/#about-bachelor-modules>

⁶ It is important that the student is still able to achieve the programme intended learning outcomes. In light of this consideration, this authorisation has been formally conferred to the Examination Board, as they are the ones to ensure that a student who achieves the programme intended learning outcomes is able to graduate.

2. The Examination Board decides on requests for permission to take an individualised programme as referred to in Article 7.12b WHW. The Examination Board assesses whether an individualised programme is appropriate and consistent within the domain of the degree programme and whether the level is equivalent to the programme intended learning outcomes.⁷ If necessary, the Institutional Board will select the Examination Board that is responsible for granting permission.

Section 3 Teaching and Assessment

Article 3.1 General

1. Each study unit concludes with an examination.
2. The examination consists of one or more tests.
3. A test or examination may take several forms, e.g. a written test, an assignment, an oral test, practical exercises or a combination of the aforementioned.⁸ Tests and examinations can be administered online.
4. The programme director publishes at least the following details of the study units in Osiris not less than four (4) weeks in advance of the start of the study unit: scope, learning objectives and content, language of instruction and assessment, prerequisites, required and recommended study materials, design of teaching methods and assessment.
5. The possibility of unconditional access to one resit⁹ must be offered for each test in the same academic year. An exception may be made for practical exercises (such as practical classes and projects). Article 5.2 paragraph 2 applies.
6. The student has the right to inspect model test questions, such as akin tests, past tests, or tutorial assignments that are representative of the test or examination, as well as the corresponding answers and the standard for determination of the result.
7. The time allotted to administering a test may not exceed three hours. Exceptions in this regard are listed in Article 5.4.
8. If the examiner wishes to use any form of assessment that requires more than three hours, the examiner must, with due regard for paragraph 4, ask the Examination Board for approval to deviate from the above.

Article 3.2 Online assessment

1. The Examination Board may set further rules and conditions for online assessment.

Article 3.3 Results

1. Results of examinations or tests must be announced to students. Osiris is used for the formal¹⁰ registration of grades for examinations and tests.
2. If the examination for a study unit consists of a single test then the result of that test will count as the result of the examination.
3. Test results are expressed in a grade from 1 to 10 with a single decimal, or as '*pass*' / '*fail*'.
4. After the examiner determines the result of assessments, Osiris automatically calculates and rounds the grade of the study unit, expressed in half grades from 1.0 to 5.0 and from 6.0 to 10.0¹¹, or as '*pass*' / '*fail*'. Rounding occurs only in the final phase¹² of the assessment of a study unit and follows the schedule below:

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

5. Examination results of 6.0 or higher are a pass.
6. Examination results, if a pass, obtained at foreign universities will be registered as a P (*pass*). Examination results obtained at Dutch universities will be adopted one-to-one, with due regard for the provisions in paragraph 3.
7. Credits may only be issued for a study unit if the study unit has been completed with a pass mark.
8. If more than one result for the same examination or test has been registered in Osiris, the highest grade will apply.
9. The examiner is to inform the student of the result of an oral examination within one working day, unless the oral examination is part of a series of oral examinations of the same study unit which are administered on more than one working day. In that case, the examiner is to determine and announce the result within one working day following the conclusion of the series of oral examinations.

⁷ For example: an individualised programme that meets the required study load but, for example, consists entirely of introductory courses, lacks the required level.

⁸ Practical information available on the university's website, such as:
www.utwente.nl/en/learning-teaching/assessment/additional-topics/Efficiency_assessment/

⁹ This means resits of all the tests within a study unit.

¹⁰ In case of any discrepancy between results published in Osiris and results communicated via any medium other than Osiris (e.g. Canvas, email), the results in Osiris will prevail. Article 8.2 still applies.

¹¹ In Osiris, a comma is used, based on the Dutch grading system (e.g. 7,0).

¹² Final phase: when all grades are known.

10. The result of a test is to be disclosed to the student within ten working days after the test date, with due regard for Article 3.8 paragraph 2.
11. The examination result of a study unit is to be disclosed to the student through Osiris within ten working days after the conclusion of the teaching period during which the study unit is offered.

Article 3.4 Modules

1. Each module has a module coordinator, appointed by the programme director.

Article 3.5 Registration

1. Registration in Osiris is required prior to participating in a module or study unit¹³.
2. Upon registering for the module or study unit, the student will automatically be registered for the assessments associated with the teaching period of the module/study unit. The student is automatically de-registered from the resit opportunity if a sufficient grade is obtained for the first test opportunity. In such case, students still have the opportunity to re-register for the resit on their own initiative if they wish to make use of that resit opportunity, despite having obtained a sufficient grade for the first test opportunity.

Article 3.6 Description of modules and assessment schedule

1. The programme-specific part contains a description of each module.
2. The module description must include:
 - a) the study units comprising the module and the number of related credits;
 - b) if applicable, the number of tests and their relative weighting;
 - c) the language of instruction and assessment (Dutch programmes only);
 - d) the manner in which the examinations and/or tests are administered (oral, written or an alternative manner).
3. The assessment schedule of a module is drawn up by the examiner or examiners and is determined by the programme director. The Examination Board provides advice on the assessment schedule.
4. The assessment schedule must be published in Canvas at least two weeks before the start of the module.
5. The assessment schedule of a module must include:
 - a) how the learning objectives of the module or the study units of the module are assessed and when they are attained;
 - b) in which weeks examinations, tests, resits, and discussions (Article 3.10) are held (the precise times and dates will be announced via *TimeEdit viewer*);
 - c) any required minimum grade per test; a minimum grade for a test may not be set higher than 5.5;
 - d) if applicable: information on resits (such as conditions, compensation options and grading periods).
6. The programme director may modify the assessment schedule during the module or study unit:
 - a) The assessment schedule may only be changed in consultation with the module coordinator and the examiner of the study unit.
 - b) The programme director will consult the Examination Board before any changes to the form or manner of administering an examination or one or more tests. If the change only involves moving tests to a timeslot other than as shown in the timetable, the programme director will inform the Examination Board of the decision as soon as possible.
 - c) Students are to be informed immediately of the change.
7. Changes to the assessment schedule may not put students at an unreasonable disadvantage. The Examination Board may take special measures in individual cases.

Article 3.7 Oral assessment

1. Oral assessment is generally not public, but if the student or the examiner wishes a third party to be present when administering an oral assessment, then a request to this end must be submitted to the programme director at least fifteen working days prior to the oral examination. The student and the examiner will be notified of the programme director's decision not less than five working days in advance. The programme director must inform the Examination Board of the decision. Public graduation symposia, public presentations and group tests are excluded from this provision. Any decision regarding the public nature of orally administered assessments is subject to the authority of the examination board to decide otherwise in special cases (art. 7.13 paragraph 2n WHW).
2. If the Examination Board has decided that members of the Examination Board or an observer on behalf of the Examination Board is to be present during the administration of an oral examination, then the Examination Board is to make this known to the examiner and the student at least one working day before the oral examination.

Article 3.8 Assessment deadline, examination and test date

1. The examination date is the date on which the test is taken with which the student definitively passes the study unit.
2. The test date is the date on which a test is taken.
3. If a test assessment is (among other things) dependent on completing one or more assignments or writing a paper or thesis, then the test date will be the deadline of submission of the final component (or the date of the last written or oral assessment).
4. If a test resit is planned, the results of the first test will be published at least five working days before the resit to give the student time to prepare.
5. Should the examiner not be able to meet the deadline referred to in paragraphs 1 and 4 of this Article, or in paragraph 9, 10 or 11 of Article 3.3 due to exceptional circumstances, then the examiner is to notify the Examination Board, providing reasons for the delay. The student concerned is to be informed of the delay immediately, and a new deadline for publication of the results will be set and notified to them. If the Examination Board is of the opinion that the examiner

¹³ The applicable registration deadlines are mentioned on the webpage www.utwente.nl/en/education/student-services/education/courses-and-modules/.

has not met the obligations, it may appoint another examiner to ascertain the result of the examination or test and determine the grade.

Article 3.9 Period of validity of results

1. The results of examinations and tests as defined in Article 1.2, passed or failed, remain valid indefinitely. This period of validity may only be limited if the tested knowledge or understanding is demonstrably outdated or the tested skills are demonstrably outdated.
2. For limiting the period of validity of results as stated in paragraph 1, the Faculty Board establishes rules for initiating the necessary investigation to determine if, for an individual student, tested knowledge, insights and skills are outdated, and if so, for limiting the period of validity appropriately. If the period of validity of a result of an examination is limited, at least the rules in Article 6.2 paragraph 6 of these regulations and Article 7.10 paragraph 4 WHW are taken into account by the Examination Board when assessing the extension of the limited validity period.¹⁴
3. In organising coherence and correlation of education and assessment within the programme (see Article 2.1 paragraph 1 of these regulations), the institutional rules mentioned in these regulations about validity of grades must be taken into account. More information for students about the institutional organisation of education and modules can be found on the website: www.utwente.nl/en/educational-systems/student-applications/osiris/manuals-for-students/#about-bachelor-modules

Article 3.10 Right of discussion and inspection

1. Students are entitled to discuss and review their administered tests together with the examiner, and the examiner is to explain the assessment. This can be done individually or in a group setting, either in person or by using an online tool. The examiner chooses the setting of, methods of and tools for discussion and informs the students in a timely manner.
2. Individual and group discussions must take place no later than five weeks after the publication of the test or examination results, but at least three working days prior to the next test opportunity, in the (online) presence of the examiner or a substitute designated for that purpose.
3. If the examiner organises a group discussion of the assessment, the student must use that opportunity to exercise the right to discussion referred to in paragraph 1. If a student cannot attend the group discussion or if the student is not given the opportunity at the group discussion to discuss the reasons for the examiner's assessment of the test with the examiner, the student may submit a request for individual discussion with the examiner no later than on the first working day following the group discussion. Students are informed about the group discussions and the aforementioned deadline. The individual discussion is to take place no later than three working days prior to the next test opportunity.
4. If there is no group discussion of the test, then a student may submit a request to the examiner for an individual discussion within ten days after publication of the results. The individual discussion is to take place no later than three working days prior to the next test opportunity.
5. Students are to be given the opportunity to inspect their assessed work for a period of 12 months following the date of the assessment.

Article 3.11 Evaluation of education

1. The programme director is responsible for the overall quality of the degree programme.
2. The programme director is responsible for monitoring and evaluating the degree programme.
3. The programme-specific part details how the education in the degree programme is evaluated.

¹⁴ Subject to the authority of the Examination Board to extend the limited period of validity in individual cases in accordance with Article 7.10, paragraph 4 of the WHW.

Section 4 Final examination and diploma

Article 4.1 Examination Board

1. In line with Articles 7.12a and 7.12b WHW:
 - a) the Faculty Board appoints an Examination Board for each degree programme or group of degree programmes;
 - b) the Examination Board determines the rules and regulations for the examiners, examinations and final examinations without further consultation.

Article 4.2 Final examination and degree

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

1. The final examination is considered to be complete when the student has passed all study unit examinations in the degree programme, as registered in Osiris. The Examination Board may, under conditions that it has set, determine that not every examination has to be completed successfully to determine that the final examination has been successfully completed (Article 7.12b paragraph 3 WHW).
2. The date of the final examination is the date on which the student completes the final study unit of the degree programme.
3. A student may submit a written request, giving reasons, to the Examination Board to postpone the final examination, and thus to postpone the awarding of the diploma. The maximum duration of any postponement that can be granted is twelve months, in principle. In exceptional cases¹⁵, the student may have valid reasons for requesting that the awarding of the diploma be postponed for more than twelve months.
4. If the student has requested postponement based on the provisions of paragraph 3, then the date of the examination will be the date on which the Examination Board decides that the student has passed the final examination subsequent to the postponement.
5. Students who have successfully met all requirements for the bachelor's final examination will be awarded a Bachelor of Science (BSc) degree.
6. The degree conferred is stated on the diploma.

Article 4.3 Diploma

Explanatory notes: Article 7.11 WHW

1. The Examination Board will award a diploma as proof that the student has satisfied all the requirements of the final examination once the Institutional Board has confirmed that the procedural requirements for awarding the diploma have been met. The date indicated on the diploma (i.e. the date of the final examination) is the date on which the student completed the final study unit of the degree programme.
2. The diploma will be signed by the chair of the Examination Board. If the Chair is absent, one of the members of the Examination Board may also sign the diploma.
3. The following information is to be stated on the diploma:
 - a) the student's name and date of birth;
 - b) the name of the institution and the degree programme as stated in the register referred to in Article 6.3 WHW;
 - c) the date of the final examination;
 - d) the study unit components of the final examination;
 - e) the degree conferred (in accordance with Article 7.10a WHW);
 - f) where appropriate, the specific qualifications associated with the degree (with due consideration for Article 7.6, paragraph 1 WHW);
 - g) the date on which the degree programme was last accredited or the date on which the degree programme passed the new programme assessment (Article 5a.11 WHW).
4. An International Diploma Supplement is to be appended to the diploma. This supplement is intended to provide insight into the nature and content of the degree programme to promote the international recognition of the programme, among other aspects. The diploma supplement is to include the following information at a minimum:
 - a) the name of the degree programme and the name of the university;
 - b) that the degree programme was offered at an institution for academic education;
 - c) a description of the degree programme content; an indication of any specialisation and/or minor, if applicable;
 - d) the study workload of the degree programme;
 - e) the final examination components and results, based on the registration of grades in Osiris;
 - f) examinations passed by the student that are not part of the final examination;
 - g) if the student has successfully completed an honours programme while in the degree programme, then this fact will be stated on the diploma supplement as an extracurricular programme;
 - h) the student's average grade, weighted by credits (Grade Point Average, GPA). The diploma supplement indicates how the average grade is calculated.
5. The programme director determines if a special distinction (such as cum laude) is applicable to the degree programme, and determines the requirements to qualify for a special distinction. Information about the rules, requirements and considerations for awarding cum laude is available to the student upon starting the programme. Awarding the diploma and (the consideration for) awarding a distinction such as cum laude lies with the Examination Board.¹⁶ If the Examination Board has awarded a specific distinction (e.g. cum laude) to the student, then this is to be mentioned on the diploma.

¹⁵ Some examples (by way of illustration, not to exclude other situations): the student follows a double bachelor's programme, the student needs more time for a pre-Master's programme, an extensive extra-curricular activity requires more than twelve months.

¹⁶ Personal circumstances are taken into account. If it considers activism, an acknowledged fulltime board year is excluded from the calculation of the nominal study load for cum laude.

6. Students who have successfully completed more than one examination but cannot be awarded a diploma as referred to in paragraph 1 of this article, will receive, at their own request, from the Student Services Desk a statement prepared by or on behalf of the Examination Board which in any case will state the results of the examinations the student in question has passed.

Section 5 Student guidance

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

Article 5.1 Student guidance

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

Article 5.2 Special facilities

1. If students wish to exercise their right to specific supervision or special facilities, they should contact the study adviser. The study adviser will record the agreements made with the student in Osiris.
2. A student is entitled to special facilities in case of demonstrable circumstances beyond the student's control or extenuating personal circumstances. The facility may provide for dispensation from or an additional opportunity to sit examinations or tests to be granted and/or for specific facilities to be made available. Such dispensation and additional resits may only be granted by the Examination Board (Article 1.1, paragraph 2).

Article 5.3 Studying with a functional impairment

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

Article 5.4 Request for facilities when studying with a functional impairment

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

Section 6 (Binding) recommendation on continuation of studies (BSA)

Explanatory notes: Article 7.8b WHW

Article 6.1 Preliminary recommendation on continuation of studies

1. Students will receive a general information letter about study progress and the binding recommendation on continuation of studies by calendar week 52 at the latest of their first year of enrolment in the degree programme. They will receive a preliminary recommendation on continuation of studies on 25 February of the following calendar year at the latest. This recommendation can be positive, negative or neutral and is not binding. Students with a postponed recommendation on continuation of studies receive a timely warning in their second year of enrolment in the degree programme (in accordance with Article 6.2, paragraph 4) if their study progress proves insufficient.
2. Students who receive a negative recommendation on continuation of studies will be invited for an interview with the study adviser to discuss their study methods and review their choice of specialisation. A negative preliminary recommendation on continuation of studies is considered as a warning (Article 6.2, paragraph 4).

Article 6.2 (Binding) recommendation on continuation of studies

1. Students receive a written recommendation on continuation of studies, at the latest by the end of the first year of enrolment in the degree programme, about continuing their studies. This recommendation is based on the student's results: the student may be allowed to continue on the programme, or may be required to leave the programme, with due regard for Articles 6.3 and 6.4. The Institutional Board mandates the programme director to issue recommendations on continuation of studies.
2. The calculation for the recommendation on continuation of studies includes:
 - a) the credits obtained for examinations from the first year of the degree programme;
 - b) the exemptions for examinations and tests in the first year that were granted to the student.The programme director may set programme-specific requirements which must be met. These requirements are specified in the programme-specific part. Programme-specific requirements may not state that all study units of a certain curricular course must be attained¹⁷.
3. The programme director may decide that a recommendation on continuation of studies should involve expulsion. A *recommendation on continuation of studies that involves expulsion* is referred to as a *binding recommendation on continuation of studies* (bindend studieadvies, BSA). The programme director will take the student's personal circumstances of which the university is aware into consideration when making a decision. The recommendation on continuation of studies may only involve expulsion if the programme director considers the student as unsuited to the educational programme, because the student's results do not meet the required standard, i.e. if:
 - a) the student has obtained fewer than 45 credits of the first year, or
 - b) the student has obtained 45 or more credits of the first year, but does not meet the programme-specific requirements (as referred to in paragraph 2 of this article).The decision notification relating to a binding recommendation on continuation of studies must inform the students of their right to file an objection and appeal via the Complaints Desk.
4. Before issuing a binding recommendation on continuation of studies, the programme director must first issue a warning to the student giving him/her a reasonable term in which to improve the course results, to the programme director's satisfaction (Article 6.1 paragraph 2), and the programme director will give the student the opportunity to be heard.
5. Students may file a request (supported by documentary evidence) for assessment of their personal circumstances to the Personal Circumstances Committee (CPO). This request is to be filed in consultation with the study adviser. The CPO will assess the validity, nature, severity and duration of the personal circumstances and will issue an advisory opinion on these matters. The CPO's advisory opinion, issued to the programme director and the study adviser concerned, will be taken into account in the programme director's decision-making referred to in paragraph 3.
6. Personal circumstances include illness, physical, sensory or other functional disability or pregnancy of the student involved, extenuating family circumstances, participation in top-level sports or arts and membership of the university council, faculty council, programme committee or a Category 3 or 4 board (student activism) in accordance with the StOF Regulations.
7. Students who have received a binding recommendation on continuation of studies (BSA) may not enrol in the same degree programme for a period of three consecutive academic years. If a student re-enrols in the relevant programme after this period, this enrolment is designated as a first-year enrolment and the relevant provisions of this section apply in full.

Article 6.3 Discontinuation of the programme

1. The degree programme is considered to be discontinued if the student stops taking courses or any form of tests for the programme, and where the student:
 - a) submits a request to the University of Twente to terminate the enrolment, or
 - b) submits a request to terminate the enrolment for one programme at the University of Twente and enrolls in another programme at the University of Twente, thus switching to another programme at the University of Twente, or
 - c) continues the studies at another institute of higher education with a proof of tuition fees paid (*bewijs betaald collegegeld*, BBC).

¹⁷ For example: 'The student must pass all mathematics study units from the B1 programme' is not permitted, whereas 'The student must pass three of the four mathematics study units from the B1 programme' is permitted.

2. A recommendation on continuation of studies will not be issued if the request to terminate enrolment is received through Studielink **before** 1 March in the first year of enrolment for the degree programme and the student does not re-enrol for the same programme in that same academic year. If the student re-enrols in the same programme in a following academic year, this enrolment is designated as the first-year enrolment.
3. Students who de-enrol as per 1 March for a degree programme at the University of Twente will receive a recommendation on continuation of studies, as referred to in Article 6.2 paragraph 1, from the degree programme they discontinued.

Article 6.4 Postponement of recommendation on continuation of studies

1. The recommendation on continuation of studies as referred to in Article 6.2 paragraph 1 may be postponed if:
 - a) the student has enrolled in the degree programme on or after 1 October of the relevant academic year and on 31 August at the latest has not met the norm, or
 - b) if personal circumstances preclude an assessment of the student's suitability at the end of the first year of enrolment in the degree programme.In the event of postponement pursuant to the provisions under a), the recommendation on continuation of studies will be issued by the degree programme in which the student is newly enrolled.
2. If the student whose recommendation has been postponed re-enrols in a subsequent academic year in the same degree programme, then the recommendation on continuation of studies for the relevant programme will be issued by the end of the second year of enrolment. The same norm as set out in Article 6.2 paragraph 3 applies to this recommendation.
3. If a student transfers to another UT degree programme prior to 1 October, then the recommendation on continuation of studies will not be postponed based on transfer and the norm will not therefore be adjusted as referred to in Article 6.2, paragraph 3.

Section 7 Amendments, transitional arrangements, appeals and objections

Article 7.1 Conflicts with the regulations

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

Article 7.2 Administrative errors

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

Article 7.3 Amendments to the Regulations

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

Article 7.4 Transitional arrangements

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

Article 7.5 Assessment of the education and examination regulations

1. The Faculty Board is responsible for the regular assessment of the education and examination regulations, with specific emphasis on the study workload.
2. Based on Article 9.18 WHW, the programme committee has a partial right of consent of and a partial right to be consulted on parts of the education and examination regulations.

Article 7.6 Appeal and objections

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

Article 7.7 Hardship clause

In cases of demonstrable unreasonableness and unfairness of a predominant nature, the Examination Board or the programme director may allow the provisions in these Regulations to be deviated from. This depends on which body is authorised or has the duty according to these Regulations to take a decision on or make an exception to a provision in these Regulations.

Article 7.8 Publication

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

Article 7.9 Entry into force

These Regulations enter into force on 1 September 2026 and replace the Regulations dated 1 September 2025.

Adopted on 2 March 2026 by the Faculty Board, having regard to Article 9.5, 9.15 paragraph 1a, 7.13 paragraph 1 and 2, 9.38b, 9.18 paragraph 1a and 7.59 WHW, and after approval by the faculty council.

SECTION B: PROGRAMME-SPECIFIC SECTION

BACHELOR TECHNICAL COMPUTER SCIENCE (B-TCS)

About this Section

The Education and Examination Regulations (EER) are subdivided into two sections (Section A and Section B), which together form the EER. Section A, which can be seen as the university section, includes provisions that may apply for all EEMCS Bachelor's degree programmes. Section B contains the provisions that are specific to the particular degree programme, in this case the Bachelor's programme in Technical Computer Science.

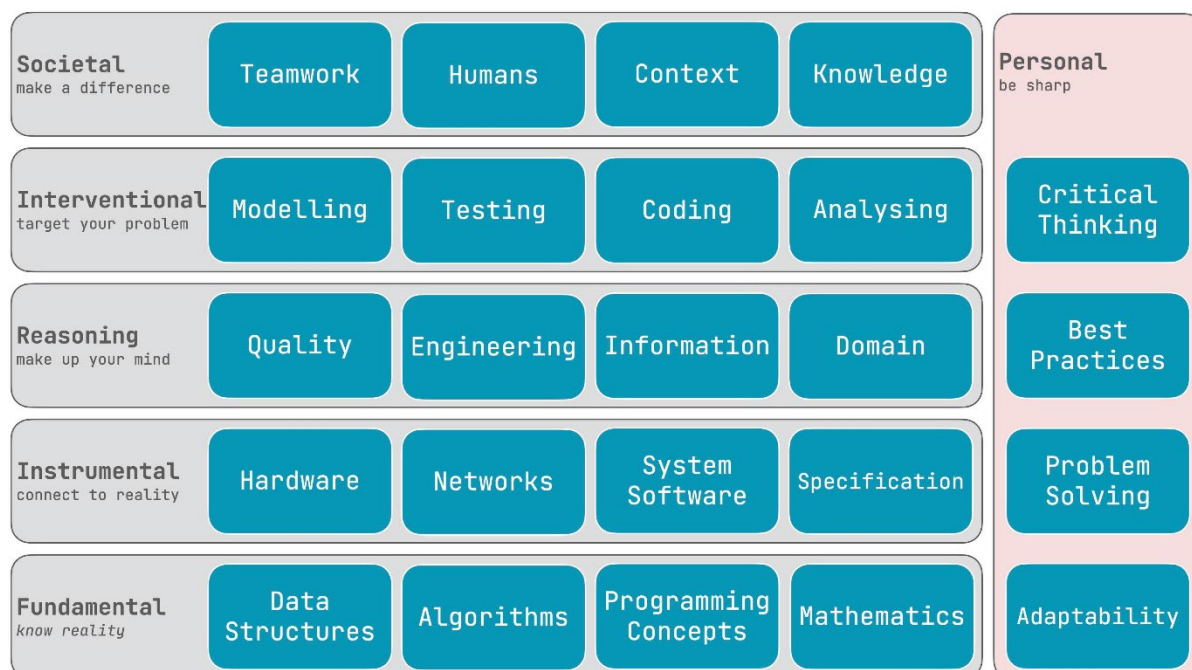
SECTION 1—CONTENTS AND STRUCTURE OF THE PROGRAMME

Article 1.1 General objectives of the programme (WHW, Article 7.13, paragraph 2c)

The objective of the Bachelor's degree programme in Technical Computer Science is to train students at the Bachelor's level, instilling in them a solid foundation in mathematics and a thorough basic knowledge and understanding of the field of Computer Science. The programme is comprehensive and focuses not only on software and information systems, but also on computer systems and communication networks. The programme addresses skills and the societal context and offers students the opportunity to explore another field by taking a minor. Students complete the programme by conducting a group design project and an individual research project.

Article 1.2 The Programme Intended Learning Outcomes (WHW, Article 7.13, paragraph 2c)

This schematic representation of the Programme Intended Learning Outcomes (PILOs) is followed by their detailed definitions.



Regarding societal PILOs of TCS, the graduate is capable of:

- S1. Teamwork: collaborating within a team and being aware of team dynamics.
- S2. Focusing on humans: making human-centred design and creating intelligent systems.
- S3. Taking context into account: social, ethical, legal, cultural, etc.
- S4. Acquiring knowledge: eliciting requirements, working with semi structured data, applying machine learning.

When it comes to interventional PILOs of TCS, the graduate is capable of:

- N1. Modelling: forming abstractions, architecting systems, making a design.
- N2. Testing: performing quality assurance, testing, verifying and validating software.
- N3. Coding: constructing software and in general programming in the small.
- N4. Analysing: analysing problems, evaluating solutions, performing comparisons, taking decisions.

Concerning reasoning PILOs of TCS, the graduate is skillful in:

- R1. Quality: non-functional requirements like performance, security, reliability, internal code quality, metrics, etc.
- R2. Engineering: different aspects of software engineering, its development process, project management and software evolution
- R3. Information management, database systems, data protection.
- R4. Domain: embracing domain specifics and making domain appropriate choices.

With respect to the instrumental PILOs of TCS, the graduate is accomplished in:

- L1. Hardware architecture on the lowest level: signals, sensors, gates, chips, assembler, registers, etc.
- L2. Networking technologies, distributed systems, concurrent processes, communication protocols.
- L3. System Software such as operating systems, deployment containers, game engines, compilers.
- L4. Various forms of specification and technical documentation, including the ability to produce formal descriptions, precisely define the problem being solved, express assertions and contracts.

In the fundamental matters of Technical Computer Science, the graduate is cognisant in:

- F1. Discrete data structures such as sets, collections, sequences, series, algebraic data types.
- F2. Algorithmics in general and complexity theory in particular.
- F3. Programming languages, concepts, paradigms
- F4. Mathematical knowledge that falls outside of the explicitly named topics: advanced discrete theories and continuous mathematics

For personal PILOs in TCS, the graduate has the following skills:

- P1. Critically analysing problems and solutions, questioning assumptions, evaluating evidence to make informed decisions.
- P2. Knowing, identifying, understanding, applying industry best practices, standards, methodologies in the field of computer science.
- P3. Approaching complex technical problems systematically, devising effective strategies to solve them, implementing practical solutions.
- P4. Being ready for adapting to new technologies, tools, methodologies, and continuously learning to stay current in a rapidly evolving field.

Article 1.3 Content of the programme and related examinations (WHW, Article 7.13, paragraph 2a)

The table below shows the units of study comprising the curriculum. Annex 1 contains a curriculum that has been adjusted for the combined final degree audit for Technical Computer Science and Applied Mathematics.

The Programme management of the relevant programme is to publish details regarding the content of a study unit in the course catalogue at least four weeks before the start of the teaching period (quartile) in which the study unit is offered.

The table below shows the subjects in the order in which they are offered. Learning goals of the modules will be published in the course catalogue and are part of these regulations.

Table 1. Curriculum Technical Computer Science cohort 2026

Course code	Module	Course codes	Study units	Credits	Quartile
B1 phase (year 1)					
202500330	Diamonds of Computer Science	202500331	Software Diamond	3 EC	1A
		202500332	Information Diamond	3 EC	
		202500333	Hardware Diamond	3 EC	
		202600096	Cybersecurity and Law Diamond	3 EC	
		202600101	Logic and Proofs	3 EC	
202500340	Software Systems	202500341	Software Design and Modelling	3 EC	1B
		202500342	Introduction to Programming	3 EC	
		202500343	Advanced Programming	3 EC	
		202500344	Software System Implementation Project	3 EC	
		202600102	Discrete Mathematics	3 EC	
202500345	Network Systems	202500346	Network Systems Part 1	3 EC	2A
		202500347	Network Systems Part 2	3 EC	
		202500348	Network Systems Part 3	3 EC	
		202400362	Network Systems Project	3 EC	
		202600103	Calculus for TCS	3 EC	
202500350	Data & Information	202500351	Secure Web Development	3 EC	2B
		202500352	Databases	3 EC	
		202500353	Agile Project Process Development	3 EC	
		202500354	Agile Project Technical Development	3 EC	
		202001233	Probability Theory	3 EC	

B2 phase (year 2)						
202500355	Computer Systems Module	202500356	Computer Architecture and Organisation	4 EC	1A	
		202500357	Operating Systems	4 EC		
		202500358	Computer Systems Project	4 EC		
		202001205	Linear Algebra	3 EC		
202600105	Design of Interactive Technologies	202600106	Artificial Intelligence and Machine Learning Theory	3 EC	1B	
		202600107	Artificial Intelligence and Machine Learning Practice	3 EC		
		202600108	User Experience Theory	2 EC		
		202600109	Design of Interactive Technologies Project	4 EC		
		202600110	Statistical Methods for Data Analysis	3 EC		
202500365	Discrete Structures & Efficient Algorithms	202500366	Algorithmic Discrete Mathematics	3 EC	2A	
		202600412	Algorithms and Data Structures	2 EC		
		202500368	Languages & Machines	3 EC		
		202600413	Algebra	4 EC		
		202001363	Implementation Project on Graph Isomorphisms	3 EC		
xxxxxxxx	Minor/Elective module (see table 2)			15EC	2B	*1
B3 phase (Year 3)						
xxxxxxxx	Minor/Elective module (see table 2)			15EC	1A	*1
xxxxxxxx	Minor/Elective module (see table 2)			15EC	1B	*1
202400005	Design Project Module	202400006	Design Project Core	15EC	1A or 2A	*2
202300105	Research Project Module	202300106	Research Project Core	15EC	1B or 2B	*2

*1 Requirement for participation in minor module: the B1 phase must be successfully completed before the start of the minor.

*2 Requirement for final semester: 120 credits consisting of mandatory modules + one elective module before the start of either of the modules.

Table 2. Curriculum Technical Computer Science cohort 2025 and before

B2 phase (Year 2)						
202500355	Computer Systems Module	202500356	Computer Architecture and Organisation	4 EC	1A	
		202500357	Operating Systems	4 EC		
		202500358	Computer Systems Project	4 EC		
		202001234	Discrete Mathematics	3 EC		
202500360	Design of Interactive Technologies	202500361	Intro to AI and Machine Learning	6 EC	1B	
		202500362	UX Design	6 EC		
		202001033	Statistical methods for Data Analysis	3 EC		
202500365	Discrete Structures & Efficient Algorithms	202500366	Algorithmic Discrete Mathematics	3 EC	2A	
		202600412	Algorithms and Data Structures	2 EC		
		202500368	Languages & Machines	3 EC		
		202600413	Algebra	4 EC		
		202001363	Implementation Project on Graph Isomorphisms	3 EC		
xxxxxxxx	Minor/Elective module (table 2)			15EC	2B	*1
B3 phase (Year 3)						
xxxxxxxx	Minor/Elective module (table 2)			15EC	1A	*1
xxxxxxxx	Minor/Elective module (table 2)			15EC	1B	*1
202400005	Design Project Module	202400006	Design Project Core	15EC	1A or 2A	*2
202300105	Research Project Module	202300106	Research Project Core	15EC	1B or 2B	*2

Article 1.3.1 Elective section

- The elective section consists of an elective module and two minor modules;
- The elective module must be chosen among those listed in table 2;
- Approved minors are listed on the minors site: www.utwente.nl/minor;
- A limited number of students can do Engineering Project Module (an internship) as a minor. Engineering Project is offered in quartile 1, 2 and 4. A student must have obtained 90 EC (including the B1-phase) before starting it. All additional internship rules are to be found on the programme's Canvas page. The course code is 202400608.
- In addition to (2), a maximum of one additional elective module listed in table 2 may be taken as a minor;
- For a minor outside the listed possibilities of the University of Twente, a so-called individual minor, approval of the Examination Board is needed prior to beginning of the minor. Such an individual minor should satisfy the following criteria:
 - The individual minor must be at an academic level;
 - At least 15 of the 30 credits must involve a paradigm shift in the following sense:
 - The minor may be taken within the Netherlands, in which case its educational content may not fall within the field of computer science; or
 - The minor is taken at an institution of higher education abroad, in which case the desired paradigm shift is taken to be achieved by the changed cultural embedding. In this case the content restriction does not apply, and up to five credits may be devoted to courses on the language and culture of the host country.
 - Students who wish to do a minor abroad, should register via study abroad.
 - The individual minor may not overlap with the contents of the programme;

Table 3. Elective modules (can also be taken as a minor module)

Course code M	Elective/minor Module	SU code	Course	Study units	Q
202600115	Smart Spaces Module	202600116	Smart Sensing and Indoor Positioning	3 EC	1A
		202600117	Distributed Intelligence and Smart Interaction	3 EC	

		202600118	Smart Spaces Integrated Project Teamwork	4 EC	
		202600119	Smart Spaces Project Individual	5 EC	
202600120	Data Science & Artificial Intelligence	202600121	Data quality and ethics	3 EC	1A
		202600122	Machine Learning for Datatypes - basic	3 EC	
		202600123	Advanced Machine Learning (facultative)*	3 EC	
		202600124	Neurosymbolic AI (facultative)*	3 EC	
		202600125	Explainable AI	2 EC	
		202200024	DS&AI Project	4 EC	
202600129	Cyber-Physical Systems Module	202600130	Formal Specification and Hybrid Systems	3 EC	1B
		202600131	Wireless Communications	3 EC	
		202600132	Physical AI & Computational Edge (facultative)*	4 EC	
		202600133	Model-based Control for Robotics (facultative)*	4 EC	
		202600134	Integration Project	5 EC	
202600145	Graphs, Networks, and Knowledge	202600146	Graph Theory and Graph Algorithms	3 EC	1B
		202600147	Knowledge Graphs	3 EC	
		202600148	Social Network Structure and Dynamics	3 EC	
		202600149	Games, Auctions and Voting	3 EC	
		202600150	Project on Graphs, Networks, and Knowledge	3 EC	
202300355	Programming Paradigms module	202500568	Functional and Logic Programming	5 EC	2B
		202600126	Concurrent and Parallel Programming	4 EC	
		202600127	Compiler Construction	6 EC	
202600135	Intelligent Embedded Systems module	202600136	Advanced Edge AI	3 EC	2B
		202600137	Embedded Architectures and Tools 1	3 EC	
		202600138	Embedded Architectures and Tools 2	3 EC	
		202600139	Software and Security for Embedded Systems	3 EC	
		202600140	Intelligent Embedded Systems Project	3 EC	

*The student needs to choose one of the facultative study units.

On the [website](#) of the Examination Board, more information can be found on how to submit a request. Once approval has been granted, the Office of Educational Affairs (BOZ) is responsible for the administrative procedure involved in enrolling the student in the relevant minor.

Article 1.3.2 Sequence requirements (Article 7.13, paragraph 2s of the WHW)

1. A student should enrol for a minor through the Minor Office. The student is allowed to start the minor after successfully completing the B1-phase.
2. A student may only enrol in the final semester modules Design Project (202001048) and Research Project (202300105) once the student has obtained at least 120 credits, including the B1-phase, excluding minor study units.

Article 1.4 Programme format (WHW, Article 7.13, paragraph 2i)

The programme is only offered on a full-time basis.

SECTION 2—LANGUAGE OF TUITION (Section A, Article 2.2, paragraph 1)

The programme is taught in English.

SECTION 3—TEACHING AND ASSESSMENT

Article 3.1 Assessment and examination formats (WHW Article 7.13, paragraph 2i)

The test schedules of the modules will be published on the module's Canvas page at least two weeks prior to module commencement and are part of these regulations. For reference, the test schedules of the previous year are published on the Programme Canvas page.

Article 3.2 Registration of results

In addition to Article 3.3, Section A:

1. Exemptions for examinations are indicated in Osiris with the code 'EX'. EX has no numerical value.
 - a. EX has no influence on Cum Laude (4.2.1.b).
 - b. Transfer students can request the Examination Board to approve and transfer already obtained grades of study units or modules. Requests for exemptions have to be made four weeks before a module starts.
 - c. The Examination Board may decide to assign a numerical value to EX.
2. The examination results of Pass (P) and Fail (F) have no numerical values.

Article 3.3 Participation in tests

1. If attendance in designated educational activities is a prerequisite for participation in a test, then the module coordinator must decide on granting exemptions to students resitting the test or define an alternative method to satisfy the attendance requirement.
2. If a module has been changed and the non-divisible study unit is no longer clearly identifiable, then the module coordinator must decide which tests must be passed in order to complete the former non-divisible study unit.
3. Participation in tests that are offered, either scheduled or on-demand, in addition to the regular first attempt and resit is only allowed if a request by the student to the Examination Board is granted.

Article 3.4 Examination transparency

In addition to Article 4 Section A, the programme is to ensure that information is made available for each examination regarding its level, structure and marking norms, e.g. by providing a sample examination, an examination from a previous year or a collection of sample examination questions.

Article 3.5 Requesting an extra resit

Individual requests regarding extra resits for study units of the TCS programme must be submitted by students to the Examination Board within 20 days after the grade is registered in Osiris. Requests about minor components must be submitted by students to the coordinating Examination Board. Exceptions with shorter request deadlines must be announced on the Programme's Canvas.

Article 3.6 Confidentiality

1. Reports of final assignments are public documents except upon a request to the Programme Director to deviate from this and to declare the report or parts of it temporarily confidential.
2. The Programme Director may deem a report to be confidential for a specific period based on a detailed request:
 - a. The first supervisor must submit a request to the Programme Director prior to the start of the final assignment.
 - b. The confidential report must be accessible/available to the committee responsible for assessing the final assignment, the Programme Director, and representatives of bodies that have a statutory duty of overseeing the quality of the assessment or the programme as a whole.

- c. The parties mentioned above are required to observe confidentiality with regard to the report.
3. In the case of a confidential report as referred to in point 2, the public presentation of the report may be amended to ensure that no confidential information is made public.

Article 3.7 Teaching evaluations (Section A, Art. 3.12.3)

1. The online Student Experience Questionnaire (SEQ) is used for evaluation purposes at the conclusion of each module;
2. The Committee for Education Evaluation Panels (CEEP) organises panel discussions for each module.
3. Additionally, the module coordinator may initiate supplementary evaluations, such as additional surveys and informal talks during the module or at its conclusion;
4. If the panel discussions, SEQ results and/or student complaints give reason for concern, then the programme director is to discuss the matter with the module coordinator either during the module or at its conclusion;
5. They are to use this discussion to develop a plan for improving the remainder of the module or for the subsequent module, including a strategy for evaluating the improvements.

Article 3.8 Laptop

Students are expected to have the personal use of a laptop comparable to the 'high-end notebook' offered by the Notebook Service Centre, and to be able to connect online for teaching activities, using both video and audio.

Article 3.9 Canvas bachelor TCS

All the information and actual announcements for current students are bundled at the Canvas Page of the Programme. It is the student's obligation to consume this information.

SECTION 4—FINAL DEGREE AUDIT

Article 4.1 Pass/Fail Regulation

Students who meet the following requirements will pass the Bachelor's final degree audit for the TCS programme:

- a. The student has received an assessment for all units of study of the Bachelor's final degree audit;
- b. The student's final results are 6.0 or higher for all units of study. An exception to this article is the compensation rule for math (see Section 7, Art 7.1).

Article 4.2 Cum Laude

1. A student may pass the Bachelor's final degree audit with distinction (cum laude) upon meeting the following requirements:
 - a. The student passes the Bachelor's final degree audit within four years of initial enrolment (performance requirement);
 - b. The student's computed average grade is 8.0 or higher (non-numeric assessments and exemptions not included). This is a weighted average based on the relative number of credits per unit of study. The results for minor study units are taken into account.
 - c. No more than one study unit can have a final result of 6.0 or lower.
 - d. The grade for Research Project is 8.0 or higher.
 - e. Grades obtained for extracurricular study units are not included in the calculation of the weighted average for Cum Laude.
 - f. Reports of fraud and/or academic misconduct made to the Examination Board are taken into account in the decision of whether a student is eligible for an audit with distinction.
2. At the student's request, the Examination Board may award the distinction of cum laude if the student has met all requirements with the exception of the performance requirement, due to extenuating circumstances. These circumstances may involve delays recognized and provided for by the institution.
3. The distinction of cum laude is never awarded automatically, but only following individual assessment of the student's academic achievements.

SECTION 5—BINDING RECOMMENDATION (BSA)

Article 5.1 Binding Recommendation (BSA)

A student will receive a positive BSA upon satisfying one of the following conditions (Article 6.3, Guideline EER):

1. Successful completion of 45 credits of study units
2. Obtained at least three mathematics study units from the following set Logic and Proofs, Discrete Mathematics, Calculus for TCS and Probability Theory.

SECTION 6—DOUBLE DEGREE AM-TCS

All additional rules concerning the double degree AM-TCS are stipulated in Annex 1.

SECTION 7—COMPENSATION ARRANGEMENT FIRST YEAR MATH

Article 7 Compensation first year mathematics study unit

1. A student may request to designate one and only one first-year mathematics study unit as "compensated" after having received a final Osiris grade of exactly 5.0;
2. The ECs of a compensated mathematics study unit will be counted towards the study progress of the student, also for the purpose of the MOMI and BSA regulations;
3. A request to designate a mathematics study unit as compensated has to be made to the programme coordinator. The request can be made at any time after the grade has been registered in Osiris. When granted, the compensation will be registered as "C5" in Osiris;
4. The choice of a compensated mathematics study unit, once registered, cannot be undone or shifted to another study unit. (A student may always take a resit for a compensated study unit, thus possibly raising its grade and nullifying its compensated nature; however, it is not allowed to subsequently designate another mathematics study unit as compensated);
5. Transitional arrangement for students before 2020. The option of compensating a first-year math study unit is with one condition also permitted for students before 2020-2021; the condition is that this compensation can only be provided when the other three mathematics components of the first year are passed. In this case passed means that the mathematics grade is part of a module which is passed completely, or if the mathematics grade is 5.5 or higher.

SECTION 8—MATCHING

1. The purpose of the mandatory matching procedure is to help study seekers to find the right programme and for the programme to have an early indication of how many students are expected to enrol in the upcoming academic year.
2. There will be an obligation of study seekers to timely produce deliverables, which are to be judged and discussed with them in some form, providing feedback about how fitting the study would be for that particular study seeker, and what actions and activities would improve the predicted study success. The advice given to the study seeker is not binding.
3. The exact regulations of the mandatory matching procedure are published on the programme's website.
4. Students who are registered for the programme Technical Computer Science enter the first year after successful completion of a mandatory matching procedure. Students who are registered for a programme, other than TCS, must complete the mandatory matching procedure before they are allowed to transfer to TCS.

SECTION 9—TRANSITIONAL ARRANGEMENTS (Section A, Art 7.4.)

1. In 2026-2027 a new curriculum will be implemented for all cohorts. For students from cohort 2025 and before, there will be alternative assessment offered for all components of the earlier curriculum. Students will be properly supported to pass those examinations.
2. The transitional arrangements will be published on Canvas at least six weeks prior to start of the academic year 2026-2027 and are integral to these regulations.

SECTION 10—COMBINING MODULES

1. Combining study units from different modules at the same time is only allowed after explicit permission from the programme coordinator.
2. If a student plans to combine study units from different modules, in all cases permission of the programme coordinator is required. A student can file a request no later than two weeks prior to the start of the quartile at the latest. This request must include:
 - A motivated explanation of the combination of study units and a clear statement of the study units involved
 - A detailed study plan (mentioning study units is not sufficient)
 - An explanation of the progress of an earlier attempt
 - An explanation of the study progress of the student in general
3. Students doing the double degree AM-TCS only need to submit a request if the prescribed programme is extended.

SECTION 11—GRADUATION SEMESTER

Students must register for the graduation semester modules four weeks prior to the start via a webform available on the website. After the given deadline the Office of Educational Affairs will register students if they meet the prerequisites. The deadlines will be communicated via Canvas and the website. Students who fail to register in time, can be excluded from participation.

Annex 1: Double Degree Applied Mathematics - Technical Computer Science

This annex describes the rules regarding the double degree programme Bachelor's in Applied Mathematics and Bachelor's in Technical Computer Science. The studying requirements are based on the Rules of the AM Examination Board and the TCS Examination Board. In the event of a change to the double degree programme, individual agreements will be made with the students by the examination committees of both programmes.

This annex contains the following paragraphs:

1. Study programme AM-TCS
2. Minor and Bachelor's Assignment
3. Teaching evaluation
4. Extra requirements for double degree AM-TCS
5. Pass/Fail Regulations
6. Cum Laude
7. Binding Recommendation (BR/BSA)
8. Transitional arrangements

Article 1 Study programme AM-TCS

The tailored programme for the double degree Bachelor's in Applied Mathematics and Bachelor's in Technical Computer Science is summarized in tables 13 below, where the column Division indicates the programme a course belongs to, which is relevant for Article 7.

Table 1 Study programme AM-TCS

Course code	Course name	Quartile	Credits	Division
202200141	Linear Structures 1	1A	5	AM
202500460	Analysis 1	1A	5	AM
202500331	Software Diamond	1A	3	TCS
202500332	Information Diamond	1A	3	TCS
202500333	Hardware Diamond	1A	3	TCS
202500334	Cybersecurity and Law Diamond	1A	3	TCS
202200236	Linear Structures 2	1B	4	AM
202400660	Analysis 2	1B	6	AM
202500342	Introduction to Programming	1B	3	TCS
202500343	Advanced Programming	1B	3	TCS
202500344	Software System Implementation Project	1B	3	TCS
202001344	Probability Theory for AM	2A	5	AM
202500559	Signals and Transforms	2A	5	AM
202500346	Network systems part 1	2A	3	TCS
202500347	Network systems part 2	2A	3	TCS
202500348	Network systems part 3	2A	3	TCS
202400362	Network Systems Project	2A	3	TCS
202200241	Numerical Mathematics	2B	5	AM
202200242	Differential Equations	2B	5	AM
202500351	Secure Web Development	2B	3	TCS
202500352	Databases	2B	3	TCS
202400444	Data & Information project for DD	2B	4	TCS
	Total		83	

Table 2 Study programme AM-TCS year 2

Course code	Course name	Quartile	Credits	Division
202600381	Mathematical Statistics 1	1A	7	AM
202500356	Computer Architecture and Organisation	1A	4	TCS
202500357	Operating Systems	1A	4	TCS
202500358	Computer Systems Project	1A	4	TCS
202300026	Mathematical Statistics 2	1B	5	AM
202600060	Linear Optimization	1B	5	AM
202600106	AI & ML Theory	1B	3	TCS
202600107	AI & ML Practice	1B	3	TCS
202600108	UX Theory	1B	3	TCS
202600109	UX Project	1B	3	TCS
202600412	Algorithm and Data Structures	2A	2	AM/TCS
202500366	Algorithmic Discrete Mathematics	2A	3	AM/TCS
202500368	Languages & Machines	2A	3	AM/TCS
202600413	Algebra	2A	4	AM/TCS
202001363	Implementation Project on Graph Isomorphism	2A	3	AM/TCS
202300156	Modelling 2	2A	4	AM
202200337	Stochastic Models	2B	4	AM
202200336	Markov Chains	2B	4	AM
202200338	Stochastic Simulation	2B	4	AM
202200339	Project Stochastic Models	2B	3	AM
202300157	Modelling 3	2B	4	AM
	Total	79		

Table 3 Study programme AM-TCS year 3, cohort 2022

	Course	Quartile	Credits	Division
202400633	Reflection 2	1A	3	AM
202300017	Analysis 3	1A	5	AM
202600125	Explainable AI	1A	3	TCS
202600122	Machine Learning for Data Types - basic	1A	3	TCS
202600123	Advanced Machine Learning (choose 1)*	1A	3	TCS
202600124	Neurosymbolic AI (choose 1)*	1A	3	TCS
202600125	Explainable AI	1A	2	TCS
202200024	DS&AI Project	1A	4	TCS
	Minor	1B	15	AM/TCS
202400631	Graph Theory	2A	4	AM
202400006	Design Project	2A	15	TCS
201500405	Complex Function Theory	2B	3	AM
202400348	Reflection 3	2B	2	AM
202001385	Bachelor's Assignment AM-TCS Double Degree	2B	15	AM/TCS
	Total		80	

*The student needs to choose one of the facultative study units.

Students have the option to do Reflection 3 and the Bachelor's Assignment Double Degree in quartile 1B and move the Minor to quartile 2B.

Article 2 Minor and Bachelor's Assignment

1. The programme contain a minor consists of 15 EC; The permitted minor offers are stated on the minor website: <https://www.utwente.nl/en/education/electives/minor/>
2. For an individual minor, approval of the AM examination board is needed before the minor starts.
3. Before starting a minor, the student is expected to meet the prior knowledge requirements, as described in the minor's course catalogue.
4. A student may enrol in the minor through the Minor Office once he/she has completed all first-year study units upon registration in Osiris.
5. Entry requirement Reflection 2 (202400633): Students may only participate in this study unit once they have passed all the study units of eight quartiles, including year 1.
6. Entry requirement Reflection 3 (202400348) and Bachelor's Assignment (202001385); Students may only participate in these study units after passing the study unit Reflection 2 (202400633).

Article 3 Teaching Evaluation

1. All study units of the programme are parts of modules. The online Student Experience Questionnaire (SEQ) is used for evaluation purposes at the conclusion of modules;
2. At least once a year there will be a panel discussion with students participating in the double degree;
3. Additionally, there will be an extra panel discussion after the first semester of the first year, organized by the programme management.

Article 4 Extra requirements for double degree AM-TCS

The prospective student enrolled to the double degree programme AM-TCS must attend an extra intake in addition to the mandatory matching procedure to determine whether the student is motivated, ambitious and possesses the skills needed to succeed in the double degree programme.

Article 5 Pass/Fail Regulations

1. Students who meet the following requirements will pass the Bachelor's final degree audit for the TCS – and the AM programme:
 - a. The student has received an assessment for all study units of the double degree programme;
 - b. There is no more than one grade of 5.0 for the AM study units of the first year of the AM-TCS curriculum. The other grades are 6.0 or higher for all study units.
 - c. The grade for the Bachelor's Assignment is 6.0 or higher.
 - d. The average of all grades is 6.0 or higher without taking into account the complete/incomplete grades. This is a weighted average based on the corresponding number of ECs per study unit.
2. In all other cases not specified under (1), the student will not pass the final degree audit for TCS and AM and will not receive the Bachelor's degrees.

Article 6 Cum Laude

1. This article describes the Cum Laude rules for the TCS part of the combined programme, whereas the AM B-EER will cover the AM Cum Laude rules of the combined programme. In table 1.1. of the double degree study programme under division this are the TCS and the TCS/AM parts. The AM parts are excluded.
2. A student may pass the Bachelor's final degree audit for TCS with distinction (Cum Laude) upon meeting the following requirements:
 - a. The student passes the Bachelor's final degree audit for TCS within four years of initial enrolment (performance requirement);
 - b. The student's weighted average grade is 8.0 or higher (non-numeric assessments and exemptions not included). The average grade is weighted based upon the amount of credits;
 - c. No more than one study unit may have a final result of 6.0;
 - d. The grade for the Bachelor's Assignment (202001385) is 8.0 or higher.
3. In exceptional cases and at the student's request, the Examination Board may award the distinction of Cum Laude if the student has met all requirements with the exception of the performance requirement, due to extenuating circumstances. These circumstances may involve delays recognized and provided for by the institution.
4. the distinction of Cum Laude is never awarded automatically, but only following individual assessment of the student's academic achievements.

Article 7 Binding Recommendation (BR/BSA)

1. A student pursuing the double degree programme, as stipulated in Article 1 of this annex, will receive a positive recommendation on continuation of the Technical Computer Science programme upon satisfying the three following conditions (see table 1 for the specific study units):
 - a. Successful completion of 45 EC from the first year's study units.
 - b. Successful completion of at least six of the following eight study units: Linear Structures 1, Linear Structures 2, Analysis 1, Analysis 2, Probability Theory, Signals and Transforms, Numerical Mathematics and Differential Equations
2. If clause 7.1. leads to a negative BR for the double degree programme, the student can be allowed to continue one of the separate programmes of AM or TCS.
 - a. To be able to continue in the TCS programme the student needs to satisfy the three following conditions:
 - i. Successful completion of 45 EC from the first year's study units;
 - ii. Successful completion of at least three of the four AM study units (see table 1).
3. If the student does not meet the standards mentioned in clause 7.1, the student is not allowed to continue the Technical Computer Science programme for a period of three consecutive academic years.

Article 8 Transitional arrangements

1. In 2026-2027 a new curriculum has started for cohort 2026. For students from cohort 2025 and before, there will be assessment for all courses of the previous curriculum. Students will be properly supported to pass those examinations. For students who, given their specific circumstances, want to follow courses from the new curriculum as replacement for courses of their original curriculum, transitional arrangements will be published on the BSc AM website.
2. Curricula of previous years and accompanying transitional arrangements are published on the Applied Mathematics website.
3. Whenever required, the programme coordinator BSc AM will set up an alternative curriculum, in consultation with the Examination Board.