

# Faculty of Geo-Information Science and Earth Observation (Faculty ITC)

## EDUCATION AND EXAMINATION REGULATIONS (EER) FOR BACHELOR'S PROGRAM 2025-2029

## TECHNOLOGY AND LIBERAL ARTS & SCIENCES (ATLAS)

The Dean of the Faculty,

In accordance with the Articles 9.5, 9.15- paragraphs 1a, 7.13 – paragraph 1 and 2, 9.38- b, 9.18- paragraph 1a, and 7.59 – paragraph 4b of the Higher Education and Research Act (WHW), and following the approval by the Program Committee, as well as the approval by, or advice of, the Faculty Council, in accordance with Articles mentioned above, hereby authorizes the Education and Examination Regulations of the Bachelor's program:

Technology and Liberal Arts & Sciences (ATLAS) CROHO 50427

The UCT-ATLAS 2025-2029 Education and Examination Regulations (EER) were proposed by the Dean of UCT on January 2025, discussed by members of the team in consultation with the Examination Board, approved by the UCT Program Committee on 12 December 2024 and the Faculty Council on 3 April 2025, and officially adopted by the Faculty Board on 12 May 2025.

Reference number for that decision is: FB25.3821.

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# PARAGRAPH 1 GENERAL PROVISIONS

## ART. 1.1 APPLICABILITY OF THESE REGULATIONS

- 1.1.1. These Education and Examination Regulations apply to all students enrolled in the Bachelor's program Technology and Liberal Arts & Sciences.
- 1.1.2. The program's Examination Board stipulates the regulations for the execution of its tasks and powers in accordance with Article 7.12b of the WHW.
- 1.1.3. The statutory powers of the Examination Board of the degree program apply to all the mandatory components of the student's degree program.
- 1.1.4. Requests for exceptions to what is recorded in these Education and Examination Regulations must be addressed to the Examination Board.

## ART. 1.2 DEFINITIONS

|   |  |
|---|--|
| Academic competencies   | The multidimensional characteristics of a student – including knowledge, skills and attitudes– that factor into their academic success.  |
| Academic year   | The period that starts on 1 September and ends on 31 August of the following year.   |
| ATLAS   | The Bachelor program Technology and Liberal Arts & Sciences.   |
| (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 program in accordance with Article 7.8b, paragraph 3 WHW, issued by the Program Director on behalf of the institutional administration. |
| Board of Admissions   | Board, appointed by the Dean of UCT, responsible for the admissions procedure and admissions decisions.  |
| Capita Selecta  | A short tailor- made project or course, organized by the student, with a clear gradable product.   |
| Colloquium doctum committee   | Committee appointed by the Board of Admissions to assess the academic readiness of a prospective student   |
| Committee Personal Circumstances (Commissie Persoonlijke Omstandigheden, CPO).  | A committee convened by the institutional administration to advise the institutional administration in individual cases regarding the validity, duration, and severity of a specific student's extenuating personal circumstances.                                     |
| CANVAS  | University of Twente's digital learning environment.   |
| Credit or EC  | A unit of 28 study hours, in accordance with the European Credit Transfer System. A full-time academic year consists of 60 credits, equivalent to 1,680 hours of study (Article 7.4 WHW).  |
| Credit bearing unit   | Study unit with EC's assigned to it.   |
| Dean of the Faculty   | Head of the ITC Faculty.   |
| Dean of UCT   | Head of University College Twente.   |
| Degree program  | Bachelor's degree program as referred to in the program-specific appendix to these education and examination regulations. The curriculum components: six semesters and the Personal Pursuits.  |
| Diploma   | The certificate issued by an educational institution, such as college or university, that testifies that the recipient has successfully completed a course of study  |

|                           |   |
|---------------------------|---|
| Educational Activity      | Study unit  |
| Elective                  | Study unit the students can choose themselves.  |
| Evidence                  | The substantiation and proof of a student's learning process results.   |
| 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.   |
| Examination               | An evaluation of the knowledge, understanding and skills of the student as written out in objectives, as well as the assessment of the results of this evaluation (Article 7.10 of the WHW); these results can be expressed in grades and feedback.   |
| 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).   |
| 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 program is concluded with a final examination. If the study units in the degree program have been completed successfully, then the final examination will be deemed to have been completed (Article 7.10 WHW).   |
| FOBOS                     | Financiële ondersteuning bijzondere Omstandigheden Studenten. A regulation to support students financially in special circumstances   |
| Institution or UT         | University of Twente.   |
| FLO                       | Final Learning Objective  |
| Mid-Term Evaluation (MTE) | The MTE is performed at the midpoint of a semester and aims to evaluate the student's progress towards achieving the planned semester goals. This provides an opportunity to make modifications to ensure the achievement of these goals.   |
| OSIRIS                    | System designated by the institutional administration for registration and for providing information on all relevant data related to the students and the degree program, as referred to in the WHW.  |
| PDP                       | Personal Development Plan: A student's individual study plan for a semester detailing how and with what evidence the student plans to meet the semester goals.  |
| Personal Pursuit          | Study unit of ATLAS program in which students pursue an area of personal interest worth 6 ECs and approved by the program.  |
| Program Committee         | Committee referred to in Article 9.18 WHW. Their main task is to advise on guaranteeing and improving the quality of the educational program.   |

|                      |  |
|----------------------|--|
| Program Director     | The person appointed by the Faculty Board to administer the program (Article 9.17 WHW).  |
| Semester             | ATLAS program study units of 27 EC described in detail in this EER.  |
| Semester Coordinator | Person appointed by the Program Director to coordinate the activities and assessment in the semester to ensure that semester goals and requirements are met.   |
| Semester Goals       | Goals that are directly derived from the Final Learning Objectives and are intentionally broad, allowing personalization. They describe the suggested learning development of the student along the learning lines.  |
| Semester Project     | The project is a challenge formulated as part of a larger social technical system. The project functions as a practical use of the theoretical knowledge and skills presented in the domain courses.   |
| Semester Syllabus    | The semester syllabus describes the learning objectives, the learning process, contents, and deadlines of an ATLAS semester.   |
| Semester Team        | All teachers/ examiners of a semester and the semester coordinator   |
| Semester Verdict     | Outcome of the assessment of the student's attainment of the semester goals.   |
| SER                  | Self-evaluation and Reflection: end-of-semester presentation in which the student substantiates their learning with evidence and reflects on their academic development.   |
| SIS                  | Student Information System (Osiris): The system designated by the board of the institution for the registration of information relating to the relevant student and study data, as stipulated in the WHW.  |
| Student              | Anyone enrolled in a program in accordance with Article 7.34 and 7.37 WHW.   |
| Study unit           | A program component as defined in Article 7.3, paragraph 2 and 3 WHW. Each study unit is concluded with an examination.  |
| Study Advisor        | Person appointed by the Faculty Board who acts as a liaison between the student and the university, and in this role represents the interests of the student and performs an advisory role.  |
| Study Load           | The time an average student needs to learn the course material. The Study Load comprises elements such as project work, independent study, lectures, and writing assignments. The Study Load is expressed in ECs according to the European Credit Transfer System. |
| SVS                  | Student Volg Systeem, a Student Following System that enables the students to build a portfolio, which gives an overview of the students' achievements and reflections throughout the whole curriculum.  |
| Diploma Supplement   | A statement of learning, a record of achievement that lists all the modules or subjects studied each year, together with the marks or grades achieved for each semester and the credits awarded.   |
| Teaching Period      | The period in which a study unit is offered. This 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. Retakes are not part of the teaching period.        |
| Test            | An evaluation of the student's knowledge, understanding and skills and an assessment of its outcomes. A test is part of an examination. 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. |
| UCT             | University College Twente, department of the UT, located within the faculty ITC provides the Bachelor program ATLAS and takes responsibility for its students and staff community.   |
| Verdict Meeting | The panel of examiners that convenes to conduct the semester verdict. The chair of the meeting is the semester coordinator.  |
| WHW             | The Higher Education and Research Act (abbreviated in Dutch to WHW), Bulletin of Acts and Decrees 1992, 593, and its subsequent amendments.  |
| Working day     | Any day from Monday to Friday except for official holidays and the fixed compulsory holidays ('brugdagen') on which the staff is free.   |

## PARAGRAPH 2 ADMISSIONS

Expired.

As of September 2024, the program discourages students to apply for the program.

Per September 2025 the program does not admit any new students.

## PARAGRAPH 3 STRUCTURE OF THE PROGRAMME

### ART. 3.1 AIM

- 3.1.1. The overarching aim of the UCT- ATLAS program is to educate New Engineers who can analyse social technical systems, identify challenges within those systems, and develop appropriate solutions with respect to the context in an interdisciplinary way. A New Engineer understands that any technical solution implies a social choice and vice versa. The competencies (Final Learning Objectives) these New Engineers will acquire are:
- 3.1.1.1. Competent in the disciplinary lenses for understanding; mathematics, natural science, and social science
  - 3.1.1.2. Competent in the processes of creation
  - 3.1.1.3. Competent in communication and collaboration
  - 3.1.1.4. Has an academic approach and attitude
- 3.1.2. A detailed description of the Final Learning Objectives of the degree program, as referred to in Article 7.13, paragraph 2c of the WHW, is included in Appendix 1

### ART. 3.2. STRUCTURE

| Program: 180 EC   |                   |                                  |                   |                   |                       |                         |
|---|-------------------|----------------------------------|-------------------|-------------------|-----------------------|-------------------------|
|   | Year 1            |                                  | Year 2            |                   | Year 3                |                         |
|   | SE1               | SE2                              | SE3               | SE4               | SE5                   | SE6                     |
| <b>Semester Challenges / Themes</b>                             | Health & Mobility | Sustainable Cities & Communities | Grand Challenges  | Digital Society   | Away & Aware          | Signature & Celebration |
| <b>Requirements</b>   | 27 EC             | 27 EC                            | 27 EC             | 27 EC             | 27 EC                 | 27 EC                   |
| (Projects, domain courses, electives and Personal Pursuit (PP)) | + 6EC PP          |                                  | + 6EC PP          |                   | + 6EC PP or electives |                         |
|   | Total: 60 EC      |                                  | Total: 60 EC      |                   | Total: 60 EC          |                         |
| <b>Student SVS components</b>                                   | PDP<br>MTE<br>SER | PDP<br>MTE<br>SER                | PDP<br>MTE<br>SER | PDP<br>MTE<br>SER | PDP<br>MTE<br>SER     | PDP<br>MTE<br>SER       |

- 3.2.1. The program consists of 180 credits. The degree program is taught full-time.
- 3.2.2. The degree program comprises two types of curriculum components:
- 3.2.2.1. Semesters with a minimum of 27 credits each;
  - 3.2.2.2. Personal Pursuit of 6 credits per year
- 3.2.3. A semester comprises:
- 3.2.3.1. Educational activities culminating in a workload of at least 27 credits;
  - 3.2.3.1. The semesters 1, 2, 3 and 4 each include a semester theme for the semester project.
  - 3.2.3.2. Semesters 5 and 6 may include Internships & Exchanges
  - 3.2.3.3. The students are required to go through the PDP- MTE- SER cycle every semester.

- 3.2.4. Capstone Project:
  - 3.2.4.1. In semester 6 an individual final Bachelor project (Capstone) of 15 or 20 credits that demonstrates the student's attainment of the Final Learning Objectives in the context of their academic profile. The Capstone is graded on a ten-point scale.
  - 3.2.4.2. A student can only start their Capstone if they have successfully completed semesters 1, 2, 3, and 4 as well as the Personal Pursuits of the first and second year.
  
- 3.2.5. Personal Pursuit:
  - 3.2.5.1. It comprises six credits per academic year divided over two semesters.
  - 3.2.5.2. A Personal Pursuit is a project designed by the student that will contribute to obtaining the Final Learning Objectives as a New Engineer. A qualified supervisor safeguards the quality of assessment.  
Students receive feedback and the PP is assessed with a pass/fail.
  - 3.2.5.3. All students complete a Personal Pursuit in years 1 and 2. Personal Pursuit in year 3 is optional. A student can substitute it with 6 ECs of electives included in the PDP of semester 5 and/or 6.
  
- 3.2.6. Electives and Capita Selecta.
  - 3.2.6.1. Elective courses are important components of the UCT-ATLAS program. From the second semester onwards, students follow elective courses to navigate their academic interests or to build their academic profiles. These elective courses must enable students to broaden or deepen their competencies.  
Students can choose elective courses provided either by the UCT-ATLAS program or follow elective courses from other faculties within the UT or other universities either within the Netherlands or outside.
  - 3.2.6.2. There are also opportunities for students to organize a course on a specific disciplinary topic through a Capita Selecta (CS) (max. 5 EC). When starting a Capita Selecta, students must identify a qualified academic examiner/disciplinary expert—often from the UCT-ATLAS teaching team and sometimes from other faculties within the UT. In consultation with this disciplinary expert, students formulate their learning goals for the CS and identify the contents that must be covered and the learning materials that will be used. Both students and the disciplinary expert decide on the evidence that must be produced for reaching the learning goals of the CS and the approach for assessing the evidence. The CS is graded on a ten-point scale.

### ART. 3.3 EXEMPTION

- 3.3.1. The Examination Board may grant an exemption to students at their request for one or more examinations or tests in the domain courses. To this end, the student should demonstrate he has sufficient knowledge and skills in relation to the examination concerned or the test in question.
- 3.3.2. Individual students can request an exemption before their enrolment in the semester. For the first semester, this request must be made no later than week 5.

## PARAGRAPH 4 LEARNING AND ASSESSMENT

### ART. 4.1. PERSONAL DEVELOPMENT PLAN (PDP) – MID TERM EVALUATION (MTE) - SELF-EVALUATION AND REFLECTION (SER)

- 4.1.1. The process of PDP, MTE and SER is mandatory. From the second semester onwards, students write a draft PDP, as a personalized curriculum in which they clearly describe:
  - 4.1.1.1. *What* they want to learn in this semester and their planned educational activities that will support them to attain their goals and the semester goals.
  - 4.1.1.2. *Why* they want to attain these goals, related to their intended profile as New Engineer.
  - 4.1.1.3. *And how* they want to achieve these goals by giving an overview of the educational activities they have chosen. The PDP is approved when the semester coordinator and teachers in the semester agree that the completion of educational activities described in the PDP enable students to fulfil the semester goals and requirements.
- 4.1.2. Halfway through the semester there is a Mid-Term Evaluation, an oral meeting in which the student evaluates (facts) and reflects (learning awareness) on their achievements according to their PDP. The students address their plan (written out in the PDP) to reach their goals. In the meeting with the students, the decision is made by the student and teachers whether the student is on track.
- 4.1.3. After the oral Mid-Term Evaluation students finalize their PDP and submit their Final PDP to be registered in OSIRIS. The Final PDP needs approval from the semester coordinator. The deadline for the Final PDP is 10 working days after the MTE. Changes to PDP after the deadline will not be recorded in OSIRIS.
- 4.1.4. At the end of the semester students prepare a presentation and a short report in which they evaluate their performance and reflect on what these achievements meant for their academic development in attaining their goals and meeting the semester requirements. In the SER meeting, the student gives the presentation and the teachers will discuss academic development and the plans of the student for the future semesters.
  - 4.1.4.1. Directly after the meeting the student will write a short summary that highlights the discussion and the conclusions.
  - 4.1.4.2. In a verdict meeting the semester team discusses all achievements and finalizes the verdict, which will be registered in OSIRIS. The semester coordinator is mandated to give the final verdict.

### ART. 4.2. ASSESSMENT

- 4.2.1. Each semester is completed if the student has passed all credit bearing units described in the PDP at a sufficient level (6 or higher) and has successfully completed the full PDP – MTE- SER cycle as described in 4.1.
- 4.2.2. The assessment process, deadlines and requirements are described in the semester syllabus.
- 4.2.3. Credit bearing units within the semester, such as domain courses, projects, Capita Selecta and electives, will be graded (numerical), or assessed as pass or fail and

provided with feedback. Students will receive the grades within ten working days after the test.

### **ART. 4.3. SEMESTER VERDICTS**

The semester assessment results cumulate in a verdict.

- 4.3.1. The semester verdict is based on all achievements of the student of all the courses taken in that semester as registered in the PDP and presented in the SER. The possible verdicts are:
  1. Pass: overall performance is in line with the expectations as stipulated in the semester syllabus;
  2. Fail: the student has failed the semester. Overall performance is below the expectation as stipulated in the semester syllabus. In the first year, this has consequences for the student's BSA.
- 4.3.2. Conditions for postponed semester verdicts
  1. If a student is unable to complete all the academic requirements for a semester due to personal circumstances, the semester verdict for that student is put on hold. The student will be notified of the postponement and of the deadline for meeting the semester requirements. A student's request for the recognition of a personal circumstance is approved by the Program Director based on recommendations from the study advisor and the semester coordinator.
  2. The semester verdict for a student is also put on hold if, at the time of the semester assessment, the results of the student's planned learning activities are not yet available.
- 4.3.3. A student has the right to appeal the results of the assessment and the justification for the verdict. This appeal must be made within six weeks after the verdict's official release date with the Board of Appeal for Examinations (CBE).
- 4.3.4. The rights of ownership of all results of tasks, assignments, and projects within the ATLAS program, even for projects in an external organization, and for which the student has earned credits, resides with the program unless at the start of the project the organization and the Program Director agree on different arrangements. Such additional arrangements will be documented in writing and archived.
- 4.3.5. Results of projects and assignments are in the public domain even for projects in an external organization, unless at the start of the project the organization and the Program Director agree on different arrangements. Such additional arrangements will be documented in writing and archived.

### **ART. 4.4 RIGHT OF JUSTIFICATION AND INSPECTION**

- 4.4.1. For all units of study executed within the degree program, the students are entitled to a justification of the results of a test or exam from the examiner, whereby the examiner substantiates the assessment that was given.
- 4.4.2. If no collective discussion of the results is held, students may submit a request for an individual discussion of the results to the examiner within ten working days of the publication of the results.

- 4.4.3. Such a discussion must take place at the latest three weeks after the publication of the results, in the presence of the examiner or an authorized replacement.
- 4.4.4. Students have the right to inspect their work for two years after the assessment.

## ART. 4.5 RETENTION PERIOD FOR SEMESTER ASSESSMENT

- 4.5.1. The assessed work that is part of the evidence collected for the semester assessment will be retained for a period of two years from the date of the assessment of the work.
- 4.5.2. The retention period for semester 6 Capstone projects is five years from the date of the assessment of the Capstone.

## ART. 4.6 FRAUD AND PLAGIARISM

The institutional part of the student charter<sup>1</sup> includes a definition of what the UT considers as fraud<sup>2</sup>. The Examination Board sets out rules for handling cases of fraud in:

For students and staff: <https://www.itc.nl/education/study-details/regulations>.

- 4.6.1. The Executive Board of the university has specified academic misconduct in the Student Charter (pp. 22-23). In addition, knowingly providing an opportunity for other students to commit academic misconduct may be deemed to constitute academic misconduct.
- 4.6.2. If academic misconduct is suspected, the examiner will inform the student that this will be reported to the Examination Board. The examiner's report will suspend the assessment until the Examination Board determines whether academic misconduct has occurred.
- 4.6.3. If fraud or plagiarism is detected in a group assignment, all members of the group will be held accountable. Every member of the group is required to show evidence that proves their innocence.
- 4.6.4. After giving the student and teacher a chance to be heard, the Examination Board will determine if academic misconduct has occurred and what measures will be taken and will inform the student and teacher in writing.
- 4.6.5. If academic misconduct is found to have occurred, the Examination Board can, depending on the seriousness of the fraud, give an oral or written reprimand, declare the examination invalid, and deprive the student of the right to take one or more examinations to be specified by the Examination Board, for a period to be set by the Examination Board (at most one year).
- 4.6.6. In cases of serious academic misconduct (as referred to in HERA, Article 7.12b(2)), the Executive Board may, on the Examination Board's recommendation, definitively terminate the enrolment of the student concerned in the degree program. The Examination Board will in principle make such a proposal to the Executive Board where there is a case of repeated academic misconduct.

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<sup>1</sup>See [www.utwente.nl/en/ces/sacc/regulations/charter](http://www.utwente.nl/en/ces/sacc/regulations/charter)

<sup>2</sup> See [www.utwente.nl/en/ces/sacc/regulations/charter](http://www.utwente.nl/en/ces/sacc/regulations/charter) & [www.utwente.nl/en/examination-board/Fraud](http://www.utwente.nl/en/examination-board/Fraud)

## PARAGRAPH 5 GRADUATION

### ART. 5.1 THE BACHELOR'S EXAMINATION

- 5.1.1. In accordance with WHW Article 7.10, the Bachelor's examination is successfully completed if the assessment of all curriculum components of the Bachelor's program (see art. 3.2.1) has been successfully achieved.
- 5.1.2. In evidence of the fact that the examination has been completed successfully, the Examination Board awards a degree, after the institutional administration has declared that the procedural requirements for delivery have been met. The Examination Board adds a supplement to a Diploma.
- 5.1.3. The date recorded on the Diploma, i.e., the examination date, is the date on which the student successfully completed the final remaining study unit.
- 5.1.4. A student may submit a substantiated written request to the Examination Board to postpone declaring the Bachelor's examination as 'successfully completed' and thus delay the awarding of the degree. The student must indicate the duration of the postponement requested.
- 5.1.5. The details of the provision in Article 5.1.4 will be included in the Rules and Regulations of the Examination Board.
- 5.1.6. If the student has requested postponement based on Article 5.1.5. the examination date will be the date following postponement on which the Examination Board has decided to declare the student to have successfully completed the examination.

### ART. 5.2 DEGREE AND DIPLOMA

- 5.2.1. A student who has passed the Bachelor's examination no later than August 31<sup>st</sup> 2029 is awarded a Bachelor of Science (BSc) degree.
- 5.2.2. As proof of having successfully completed the Bachelor's examination, the student will receive a Diploma from the Examination Board, signed by the chair or when the chair is not present, another member of the Examination Board.
- 5.2.3. The Diploma states the name and date of birth of the student, 'Bachelor Technology and Liberal Arts & Sciences', the examination date, the degree of 'Bachelor of Science' and the most recent accreditation date of the program. The Diploma supplement adds the word "Honours program" to the name of the study program. The diploma supplement comprises an explanation of the content and set up of the program. If the student completed an additional Honours program of the UT, this will be indicated on the Diploma supplement.
- 5.2.4. The Examination Board will invite students to accept the ATLAS Bachelor's Diploma and Diploma supplement of results by signing the diploma.

# PARAGRAPH 6 STUDENT GUIDANCE AND COUNSELLING AND THE BINDING RECOMMENDATION ON CONTINUATION OF STUDIES (BSA)

## ART. 6.1 STUDY PROGRESS OVERVIEW

- 6.1.1. The student can request a certified study progress overview from the Student Services Desk if required.

## ART. 6.2 STUDENT GUIDANCE

- 6.2.1. The Program Director is responsible for student guidance. There is one Study Advisor for all students.
- 6.2.2. Student support and guidance includes 'decentralized' guidance, as provided within study programs, and 'central' guidance, as provided by the Centre for Educational Support.
- 6.2.3. Student guidance includes guidance with questions or problems with career orientation and career choices and with problems that affect study progress. Where possible, needs for specific guidance are met.
- 6.2.4. The Study Advisor offers guidance to students and advises them on all aspects of their studies, as well as on wellbeing and personal circumstances that may be affecting the student's studies.
- 6.2.5. The opportunity for an initial interview will be offered to each student before 1 November of the first year of enrolment in the program, in which the student and Study Advisor get acquainted and personal circumstances can be shared.
- 6.2.6. A systematic method on how students are monitored and constraints to study progress are documented by the program (for example in a BSA cycle as part of an annual cycle).
- 6.2.7. If students wish to exercise their right to specific counselling or special facilities, they are required to contact the Study Advisor. The Study Advisor will record any agreements made with the student. The Study Advisor can represent the student on their request in decision-making regarding student progress.
- 6.2.8. The following applies to the entitlement to special facilities:
  - 6.2.8.1. Demonstrable circumstances beyond the student's reasonable control or extenuating personal circumstances.
  - 6.2.8.2. If necessary and wherever possible, dispensation for exam participation or tests and/or the availability of special facilities regarding examination. Only the Examination Board can grant such dispensation and additional testing opportunities.

## ART. 6.3 BINDING RECOMMENDATION FOR THE CONTINUATION OF STUDIES (BSA)

- 6.3.1. Students will receive a first preliminary recommendation on continuation of studies by calendar week 52 at the latest of their first year of enrolment in the program and a second recommendation on continuation of studies by calendar week 10 at the latest; Students will receive a third preliminary recommendation on the continuation of studies in the week after the student has received feedback on their development halfway through the second semester of their first year of enrolment in the program (after the MTE). This preliminary recommendation is not binding. These recommendations can be positive, negative or neutral and are not binding. Students with a postponed recommendation on continuation of studies have regular contact with the Study Advisor over their study progress.
- 6.3.2. A negative preliminary recommendation on continuation of studies is considered as a warning. Each student receives a written final recommendation for the continuation of studies at the end of the first year of enrolment in the program. That recommendation is based on the student's results. The student will be required to leave the program if they receive a negative final BSA recommendation.
- 6.3.3. Students who receive a negative preliminary recommendation on the continuation of studies as referred to in article 6.3.2 will be invited for a meeting with the Study Advisor and Program Director to discuss their study progress and review their choice of degree program, within four weeks of receiving the preliminary recommendation.
- 6.3.4. The institutional administration mandates that the Program Director must issue recommendations on the continuation of studies, as referred to in Art. 6.3.1.
- 6.3.5. The final recommendation on the continuation of studies, as referred to in Article 6.3.1, may involve expulsion from the program if the student has completed fewer than two semesters (54 EC) in the first year of the program. Results of exams and of tests that remain valid beyond the current academic year are considered to establish how much a student has completed.
- 6.3.6. Expulsion remains in force for three academic years. A final recommendation on the continuation of studies involving expulsion is called a binding recommendation on continuation of studies (BSA). If after this period, the student wishes to re-enrol in the degree program, the student must submit in a new admissions procedure.
- 6.3.7. Only the credits from semesters in the first year of the program count toward the threshold for the final recommendation on the continuation of studies. If a student requests to transfer credits to the first year from courses taken in a different program or at a different institution, the student must write a request for exemption to the Examination Board.
- 6.3.8. If a student terminates enrolment in the program before 1 February of the first year of enrolment, no final recommendation on the continuation of studies will be issued as referred to in Article 6.3.1. If this student re-enrols in a subsequent academic year, then a final recommendation on the continuation of studies will be issued at the end of that subsequent academic year.

- 6.3.9. Before receiving a final decision on the BSA, students receive a warning of the intended final recommendation. Students have the right to a hearing with the Program Director before the final decision (WHW Art. 7.8b, paragraph 4).
- 6.3.10. When considering a BSA involving expulsion, at the student's request, the Program Director will take the student's personal circumstances into account. The Program Director will only take personal circumstances into account of students who have followed the official UT procedure: 1. Report the circumstances to the Study Advisor as soon as possible. 2. have a meeting with one of the UT Student Counsellors and 3. the personal circumstances have been approved by the Committee for Personal Circumstances (CPO).
- 6.3.11. The Program Director's decision regarding the BSA will stipulate the applicable appeals procedure.

## **ART. 6.4 DISCONTINUATION OF THE PROGRAM**

- 6.4.1. The enrolment in program is discontinued if the student stops taking courses or any form of tests for the program, and where the students:
  - 6.4.1.1. submits a request to the University of Twente to terminate the enrolment, or
  - 6.4.1.2. submits a request to terminate the enrolment for one program at the University of Twente and enrolls in another program at the University of Twente, thus switching to another program at the University of Twente, or
  - 6.4.1.3. continues the studies at another institute of higher education with a proof of tuition fees paid (bewijs betaald collegegeld, BBC).
- 6.4.2. A recommendation on continuation of studies will not be issued if the request to terminate enrolment is received through Studielink by 31 January in the first year of enrolment for the degree program and the student does not re-enrol for the same program in that same academic year. If the student re-enrolls in the same Bachelor's program in the following academic year, this enrolment is designated as the first-year enrolment.
- 6.4.3. Students who de-enrol after 1 February for a degree program at the University of Twente will receive a recommendation on continuation of studies, as referred to in Article 6.4.1 paragraph 1, from the program they discontinued.

## PARAGRAPH 7: STUDYING WITH A FUNCTIONAL IMPAIRMENT

### ART 7.1: STUDYING WITH A FUNCTIONAL IMPAIRMENT

- 7.1.1. A functional impairment is defined as having an illness, condition, impairment that might impede or otherwise constitute a barrier to the student's academic progress.
- 7.1.2. Facilities are to be aimed at removing individual barriers in the teaching program and/or regarding 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 customized study plan. A functional impairment is a physical, sensory or other functional disorder that might reasonably be expected to limit the student's academic progress.
- 7.1.3. The Study Advisor and the student will discuss the most effective facilities for the student as referred to in Article 2 of the Equal Treatment of Disabled and Chronically Ill People Act (WGB h/cz).

### ART 7.2: REQUEST FOR FACILITIES

- 7.2.1. Based on the discussion referred to in paragraph 7.1.2, the student must submit a request for facilities. This request should be submitted to the Study Advisor, who has been mandated by the Faculty Board, before the student is to participate in classes, exams and tests for which the facilities are required.
- 7.2.2. The request should be supported by documents that are needed to enable an assessment to be made, (such as a letter from a doctor or psychologist registered in the BIG register, or in the case of dyslexia from a healthcare psychologist or special educational needs expert, also registered in the BIG register).
- 7.2.3. The Study Advisor 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.
  - 7.2.3.1. Should the request be granted, the period of validity will also be indicated.
  - 7.2.3.2. If the request is not granted, or only partly granted, the Study Advisor 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 Complaint Desk CBE [www.utwente.nl/en/education/student-services/contact/complaints-desk/](http://www.utwente.nl/en/education/student-services/contact/complaints-desk/)
- 7.2.4. Students, who are dyslexic will be granted a maximum of 15 extra minutes for each hour that a test or exam is officially scheduled.
- 7.2.5. The Study Advisor shall inform the relevant parties in good time about the facilities granted to a student with a functional impairment.
- 7.2.6. Should the Program Dean reject the request in full or in part, the Program Dean must inform the student of the justification for the rejection and the opportunities for lodging an objection and an appeal. A written objection must be submitted in writing within six weeks of the decision being communicated to the

student. Any objection is to be submitted to the UT Complaints Desk & CBE.  
Should extra facilities be granted, the validity period will also be indicated.

- 7.2.7. The applicant and the Study Advisor 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.

## PARAGRAPH 8: AMENDMENTS, APPEALS AND OBJECTIONS

### ART 8.1: CONFLICTS BETWEEN 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.

### ART 8.2: 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.

### ART 8.3: AMENDMENTS TO THE REGULATIONS

- 8.3.1. Substantive amendments to these Regulations are enacted by the faculty board in a separate decision.
- 8.3.2. 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.
- 8.3.3. Amendments to these Regulations have no effect on earlier decisions by the Examination Board.

### ART 8.4: REVIEW OF THE EER

- 8.4.1. The faculty board is responsible for the regular assessment of the education and examination regulations, with specific emphasis on the study workload.
- 8.4.2. Based on Article 9.18 WHW, the program committee and Faculty Council have partial right of consent and partial right of advice.
- 8.4.3. The program committee is consulted on the annual assessment of the manner in which the Regulations are implemented.

### ART 8.5: TRANSITION REGULATIONS

- 8.5.1. Due to the phasing-out of the program the Program Director has established a transitional arrangement to manage the changes to the education (see appendix 2).
- 8.5.2. The transitional arrangement is published on the website of the program.
- 8.5.3. Principles of the transitional arrangement when the curriculum needs to be changed:
  - 8.5.3.1. Changes to the curriculum will be announced in the academic year that precedes the academic year in which the changes are implemented.

- 8.5.3.2. It cannot be guaranteed that all educational units of the program as they existed when the student registered for ATLAS will continue to be part of the educational program, but it will be as close as possible to the version most recently adopted by the Program Director. Such adaptation will be made in consultation with the Program Committee.
- 8.5.3.3. The final bachelor's examination is to be based on the curriculum most recently agreed upon by the Program Committee and Program Director.
- 8.5.3.4. Per semester it will be described at what date each educational unit will stop.
- 8.5.3.5. When an educational unit is removed from the program, it will still be offered in the next academic year, including two opportunities to do the exam.
- 8.5.3.6. If an educational unit with practical exercises is removed from the program and it is not possible to do those practical exercises in the subsequent academic year, an alternative unit will be offered in that year.
- 8.5.4. Changes to the transitional arrangement require the approval of the Examination Board.

## ART 8.6: COMPLAINTS

- 8.6.1. Student complaints are first dealt with by the Semester Coordinator. The Semester Coordinator can be contacted to address the following types of complaints:
  - Disagreement with the format or procedure of tests or exams;
  - Not receiving the expected quality of supervision and feedback;
  - Other matters felt to hinder study or progress.
- 8.6.2. If the student is not satisfied with the decision of the Semester Coordinator, the student has a right to complain to the Examination Board if the disagreement is related to the format or procedure of a test, or to the Program Director for all other matters.
- 8.6.3. In the case of a complaint to the Program Director, the Program Director can request all relevant materials and correspondence and may hear all parties involved before a final decision is taken and communicated in writing to the student. If the complaint is upheld, the Program Director will propose remedial actions. If a student's complaint is rejected, the reason is given.
- 8.6.4. The Semester Coordinator and Program Director should deal with the complaint within 10 working days of receipt of the complaint.
- 8.6.5. Complaints must be made in writing. The Semester Coordinator or Program Director must respond in writing.
- 8.6.6. A complaint will only be accepted if the complaint has been received before the official end of the program or course (end of the semester).
- 8.6.7. Regulations about complaints with the Examination Board are published in the Rules and Regulations of the Examination Board.<sup>3</sup>

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<sup>3</sup> See: [www.utwente.nl/en/education/student-services/contact/complaints-desk/](http://www.utwente.nl/en/education/student-services/contact/complaints-desk/)

## ART 8.7: APPEALS AND OBJECTIONS

- 8.7.1. A request for justification to a decision made by the Examination Board or an examiner, and objections to decisions made by the Dean of the Faculty based on these Regulations, must be submitted in writing to the Complaints desk & CBE within six weeks of notification of the initial decision.

## ART 8.8: HARDSHIP CLAUSE

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

## ART 8.9: PUBLICATION

- 8.9.1. The Education and Examination Regulations and the Rules and Regulations of the Examination Board are published on the website of the ATLAS program.

## ART 8.10: COMMENCEMENT

- 8.10.1. These Regulations enter into force on 1 September 2025 and replace the Regulations dated 1 September 2024. Adopted on [date] 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.

## 9. APPENDICES

### APPENDIX 1. FINAL LEARNING OBJECTIVES

The overarching goal of the ATLAS program is to educate engineers who can understand and create socio-technical systems using an interdisciplinary mindset with the goal of being able to mitigate specific socio-technical challenges. To this end, the ATLAS graduate

#### **Is competent in the Disciplinary Lenses for understanding of mathematics, natural science, and social science**

1. Understands the knowledge base and the concepts, laws, principles, and models in mathematics, natural science, and social science.
2. Has the knowledge of how theories and models emerge and evolve and how they can be used to understand phenomena in relevant fields.

#### **Is competent in the Processes of Creation**

1. Is able to create solutions for socio-technical challenges based on systematic approaches involving research, design and development
2. Is able to apply, justify, and integrate theories and models from the natural sciences, social sciences, and mathematics and use them adequately in creating solutions for sociotechnical challenges.

#### **Is competent in Communication and Collaboration**

1. Is able to professionally, responsibly, and respectfully collaborate with peers and other professionals with different social and academic backgrounds and in different settings to attain specific goals and objectives.
2. Is able to appropriately communicate information, insights, standpoints, and new knowledge in various ways to different types of audience.
3. Is able to engage in both academic and non-academic discussions on information, insights, standpoints, and new knowledge with various group and individuals in socially and culturally sensitive manner.

#### **Has an Academic Approach and Attitude**

1. Has the self-awareness to make well-informed decisions concerning their academic and personal growth by identifying appropriate strategies to continuously develop their competences and skills, and to evaluate and reflect on their learning processes and gains.
2. Acts in a socially responsible manner and is able to reflect on the societal and ethical implications of research, design, and development.
3. Is inquisitive and can ask relevant and critical questions and find answers to those questions in an academically sound manner.

## APPENDIX 2. TRANSITIONAL ARRANGEMENT IN THE FRAME OF THE PHASING-OUT OF THE PROGRAM

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| <p><b>Academic year 2024-2025</b></p> <p>Students in semester 1, 2, 3, 4, 5, and 6.<br/>The curriculum as displayed in the Program Design Document will be in place.<br/>No changes are foreseen for semesters 1, 2, 3, 4, 5, and 6.</p>   |
| <p><b>Academic year 2025-2026</b></p> <p>No intake in the first year. Nominal students in semester 3, 4, 5, and 6.<br/>This year will be the final offer of semesters 1 and 2.</p> <p>For all the students, semesters 1 and 2 will be offered again to make sure all non-nominal students, with a positive or deferred BSA, can finish their program as it was designed. UCT-ATLAS educational units have been designed specifically for ATLAS students and have, due to the specific nature of the ATLAS program, no equals at the UT. Therefore, to safeguard the quality of education for the last cohorts, it is imperative that these educational units are run one more time. There will be two final opportunities to do the exams for the ATLAS domain courses and projects.</p> |
| <p><b>Academic year 2026-2027</b></p> <p>No intake in the first and second year. Nominal students in semester 5 and 6.<br/>This year will be the final offer of semesters 3 and 4.</p> <p>For all the non-nominal students, semester 3 and 4 will be offered again to make sure all students can finish their program as it was designed. UCT-ATLAS educational units have been designed specifically for ATLAS students and have, due to the specific nature of the ATLAS program, no equals at the UT. Therefore, to safeguard the quality of education for the last cohorts, it is imperative that these educational units are run one more time. There will be two final opportunities to do the exams for the ATLAS domain courses and projects.</p>                                |
| <p><b>Academic year 2027- 2028</b></p> <p>Only non-nominal students in the program.<br/>This year will be the final offer of semesters 5 and 6.</p> <p>For all the non-nominal students, the semester 5 and 6 will be offered again to make sure all students can finish their program as it was designed. UCT-ATLAS educational units have been designed specifically for ATLAS students and have, due to the specific nature of the ATLAS program, no equals at the UT. Therefore, to safeguard the quality of education for the last cohorts, it is imperative that these educational units are run one more time.<br/>This year will be the final offer of semesters 5 and 6.</p>  |
| <p><b>Academic year 2028-2029</b></p> <p>The program is still open to give the students that are still in the program the opportunity to finish their program. No educational units will be offered again, but students are allowed to finish their Capstone projects.<br/>This academic year is the last year a student can finish the Bachelor's examination (article 5.2.2).</p>  |