

TEACHING AND EXAMINATION REGULATIONS

MASTER'S DEGREE PROGRAMMES

A. FACULTY SECTION

B. PROGRAMME-SPECIFIC SECTION

Academic year 2016-2017

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

General

Since the introduction of the Dutch Higher Education and Research Act (*Wet op het hoger onderwijs en wetenschappelijk onderzoek*, WHW) in 1993, it has been compulsory for the broad outlines of the teaching programme and examining for each degree programme to be recorded in Teaching and Examination Regulations (OER).

In accordance with Section 7.13, paragraph 1, of the WHW, the OER must contain sufficient and clear information about the degree programme or group of programmes. Section 7.13, paragraph 2, of the WHW lists those issues that must, as a minimum, be regulated in the OER with respect to the procedures and rights and responsibilities relating to the teaching and examinations applicable for each degree programme or group of programmes. The WHW also includes a number of separate obligations relating to the inclusion of rules within the OER.

The model OER is subdivided into two sections (Section A and Section B), which together form the OER. Section A, which can be seen as the faculty section, includes provisions that may apply for several degree programmes. Section B contains the provisions that are specific to the particular degree programme.

SECTION A: FACULTY SECTION

1. General provisions

Article 1.1 Applicability of the Regulations

1. These Regulations apply to the teaching and examinations for the Master's degree programmes: Applied Mathematics, Business Information Technology, Computer Science, Electrical Engineering, Embedded Systems, Human Media Interaction, Internet Science and Technology (formerly Telematics).
1. (Hereinafter referred to as: the Master's programme) provided by the Faculty of Electrical Engineering, Mathematics and Computer Science (hereinafter referred to as: the faculty or EEMCS) of the University of Twente.
2. These Regulations consist of a faculty section (A) and a programme-specific section (B). Section A contains general provisions and applies to the teaching and examinations of the Master's programmes of EEMCS. Section B contains programme-specific provisions. Together, Sections A and B form the Teaching and Examination Regulations for the programme.
3. The Regulations can be declared to apply *mutatis mutandis* to the joint degree programmes and units of study, pursuant to Section 7.3c of the WHW, also provided by the faculty.
4. These Regulations apply to anyone enrolled in the programme, irrespective of the academic year in which the student was first enrolled in the programme.
5. Section B of these Teaching and Examination Regulations may contain additional general provisions for the relevant programme.
6. The general provisions and the programme-specific appendix of the Teaching and Examination Regulations are authorized by the dean.
7. The Examination Board set down the Examination Board Regulations for the execution of its tasks and powers in accordance with Section 7.12b of the WHW. These regulations are laid down in the Rules and Regulations of the Examination Board.

Article 1.2 Definitions

The following definitions are used in these Regulations:

- a. **EC:** European Credit. A unit of 28 hours of study load, in accordance with the European Credit Transfer System (ECTS), a full academic year consisting of 60 EC or 1680 hours (Article 7.4 WHW);
- b. **Final examination (examen):** A degree programme concludes with a final examination. A final examination is deemed successfully completed if the units of study belonging to a programme have been completed successfully. The examination may also include an additional assessment by the Examination Board;
- c. **Executive Board:** Executive Board of the University of Twente;
- a. **Dean:** Head of the faculty;
- b. **Fraud and plagiarism:** Fraud is an act or omission by a student designed to partly or wholly hinder the forming of a correct assessment of his own or someone else's knowledge, understanding and skills. Fraud also includes plagiarism, which is copying someone else's work without correct reference to the source;
- c. **Joint degree:** a degree awarded by an institution together with one or more institutions in the Netherlands or abroad, after the student has completed a degree programme (a degree programme, a major or a specific curriculum within a degree programme) for which the collaborating institutions are jointly responsible;

- d. **Double degree:** two degrees awarded by two higher education institutions offering a joint programme attesting the successful completion of this programme;
- e. **Course:** a unit of study of the programme within the meaning of the WHW;
- f. **Quarter or quartile:** a part of a semester as specified in the academic calendar (jaarcirkel) of the university;
- g. **Practical exercise:** the participation in a practical training or other educational learning activity, aimed at acquiring certain (academic) skills. Examples of practical exercises are:
 - researching and writing a thesis;
 - carrying out a research assignment;
 - taking part in fieldwork or an excursion;
 - taking part in another educational learning activity aimed at acquiring specific skills or participating in and completing a work placement.
- h. **Examination Board:** Sometimes referred to as Board of Examiners. The Examination Board is the body that establishes objectively and expertly whether a student meets the criteria set in the Education and Examination Regulations regarding knowledge, insight and skills needed for obtaining a degree;
- i. **Master's programme or programme:** the Master's degree programme as denoted in Article 7.3a paragraph 1 subparagraph b of the Act: the totality and cohesion of the course components, teaching activities/methods, contact hours, testing and examination methods and recommended literature;
- j. **Programme board:** The committee charged by the Dean with managing the programme;
- k. **Programme committee:** The Programme committee as referred to in article 10.3c WHW;
- l. **Master thesis project / final project:** a component comprising literature research and/or a contribution to scientific research, always resulting in a written report;
- m. **Student:** Anyone registered with a programme in accordance with Article 7.34 and 7.37 of the WHW;
- n. **Study adviser:** Person appointed by the Dean of the Faculty who acts as contact between the student and the programme, and in this role represents the interests of the students, as well as fulfilling an advisory role;
- o. **Disability:** all conditions which are (at least for the period in question) chronic or lasting in nature and which form a structural limitation for the student in receiving education, sitting (interim) examinations or taking part in practicals;
- p. **Student Information System (SIS):** The system designated by the institutional administration for the registration of and information relating to the relevant student and study data, as stipulated in the WHW, in this case Osiris;
- q. **Course catalogue:** the guide for the degree programme that provides further details of the provisions and other information specific to that programme. The course catalogue is available electronically at www.utwente.nl/coursecatalogue;
- r. **Study load:** the study load of the unit of study to which an interim examination applies, expressed in terms of EC (ECTS = European Credit and Transfer Accumulation System). (The study load for 1 year (1,680 hours) is 60 EC credits);
- s. **Academic year:** the period beginning on 1 September and ending on 31 August of the following calendar year;
- t. **Interim examination (tentamen)** an assessment of the student's knowledge, understanding and skills relating to a course component. The assessment is expressed in terms of a final mark. An interim examination may consist of one or more tests (*deeltentamens*);
- u. **Test:** part of an interim examination (*deeltentamen*);

- v. **Examiner:** The individual who has been appointed by the Examination Board in accordance with Article 7.12c of the WHW to hold examinations and tests and determine their results;
- w. **Admission Board** the committee that assesses, on behalf of the dean, whether a candidate meets the requirements for admission to the Master's degree programme of his/her choice. If there is no Admissions Board appointed for the degree programme, the programme board functions as Admissions Board;
- x. **Bridging programme or premaster:** a programme that can be offered to students with limited deficiencies and who are not yet admissible to the master programme according to Article 7.30 of the Act;
- y. **Homologation:** a programme that can be offered to students with limited deficiencies and who are already admissible to the master programme according to Article 7.30 of the Act;
- z. **University:** the University of Twente (UT);
- aa. **WHW:** the Dutch Higher Education and Research Act (*Wet op het hoger onderwijs en wetenschappelijk onderzoek*, WHW);

The other terms have the meanings ascribed to them by the WHW.

2. Previous education and admission

Article 2.1 Previous education

1. In order to qualify for enrolment in a Master's programme, a Bachelor's degree obtained in academic higher education (WO) or a bachelor degree from a university of applied sciences (HBO) complemented with an appropriate pre master programme is required. The requirements that the Bachelor's degree must meet are specified in Section B.
2. In the event that a candidate does not have a Bachelor's degree as referred to in paragraph 1, the Admissions Board of the degree programme will assess suitability for admission to the programme on the basis of the requirements stipulated in Section B.

Article 2.2 Registration and enrolment

1. The deadline for application for admission for the Master's programme is stipulated on the website www.utwente.nl/master. Different application deadlines apply to different types of applicants.
2. After registering on time, the student must enroll before 1 September or before 1 February.

Article 2.3 Admissions Board

Each programme has an Admissions Board established by the dean. The dean will appoint its members after consultation with the programme directors and Examination Boards of the relevant degree programmes.

Article 2.4 Admissions procedure

1. The Admissions Board is responsible for admission to the programme.
2. With a view to admission to the programme, the Admissions Board assesses the candidate's knowledge, understanding and skills. The Board may request experts within or outside the University to test certain types of knowledge, understanding and skills, in order to supplement written evidence of the programme/programmes the student has already completed. In its assessment, the Board includes knowledge of the language in which the programme will be taught.

3. Candidates receive either confirmation of admission to the master's programme, admission to a pre-master's programme or a negative decision. An appeal against a decision can be lodged with the *UT Klachtenloket* (or UT Complaints Desk) within six weeks.

Article 2.5 Refusal or termination of enrolment (unsuitability/judicium abeundi)

1. Based on the provisions of Section 7.42a of the WHW, the dean or the Examination Board may, in exceptional cases, ask the Executive Board to terminate or refuse a student's enrolment in a programme, if that student's actions or remarks show that he/she is unsuitable either for practicing one or more of the professions for which the programme in question is preparing the student or for the practical preparation for professional practice.
2. If a student is suspected of being unsuitable as described in paragraph 1, the Examination Board or the dean will institute an inquiry, of which the student will be informed immediately. The Examination Board or the dean will not issue any recommendation without carefully considering the interests involved and giving the student the opportunity to be heard.

Article 2.6 Admission requirements

1. Students with a Bachelor's degree in a field that corresponds to a sufficient extent with the subject area covered by the Master's programme can request admission to the programme.
2. The Admissions Board will investigate whether the interested person meets the admission requirements.
3. The Admissions Board can admit students that lack some prior knowledge, if it is estimated that the student's chances to finish the programme successfully will not be hampered by this.
4. The Admissions Board can determine that units they shall stipulate must be included in the master's study to compensate for lacking knowledge of the student (homologation courses).
5. In addition to the requirement referred to in the before mentioned sections, the Board will also assess requests for admission in terms of the following documents:
 - a. Motivation letter;
 - b. English proficiency test (art 2.8)
 - c. Diploma
 - d. Transcript of records
 - e. Curriculum vitae
 - f. Two references
 - g. Abstract of thesis
 - h. Course descriptions for programme-specific courses, research methodology courses, math courses and a table of content for the course materials.
6. The Bachelor's programme from which students are automatically admissible are mentioned in the programme-specific section B.
7. If the intended Master's programme includes different specializations, admission requirements may differ per specialization for applicants who are not directly admissible.
8. When the programme commences, the candidate must have a fully completed the Bachelor's programme allowing admission to this Master's programme.
9. Additional admission requirements are stipulated in Section B.

Article 2.7 Pre-Master's programme

1. A pre-Master's programme is a bridging programme containing a study load of 15 or 30 EC.
2. The pre-Master's is assembled by the programme director together with the Admissions Board.

3. The Admissions Board can decide to admit a candidate to the Master's programme on the condition that before the final admission a bridging programme is completed successfully.
4. Proof of a successfully completed pre-Master's programme, together with the related bachelor's programme degree serves as proof of admission to the Master's programme specified within it, in the same and the subsequent academic year.
5. From the start, candidates shall complete the pre-Master's programme within an academic year unless otherwise specified. For the interim examination of each part of the programme two occasions are given.

Article 2.8 English language requirement for English-language Master's programmes

1. The proficiency requirement in English as the language of instruction can be met by the successful completion of one of the following examinations or an equivalent:
 - IELTS: 6.5
 - TOEFL internet based test: 90
 - Cambridge CAE-C (CPE)
2. Exemption is granted from the examination in English referred to in the first paragraph to students who:
 - are native speakers of the countries specified on the relevant page on the web site of the UT, see www.utwente.nl/en/education/master/admission-requirements/international-degree/;
 - have obtained a relevant bachelor's degree from an accredited academic institution in the Netherlands;
 - have obtained a three-year bachelor's degree in one of the following countries: Australia, Canada, Ireland, New Zealand, the United Kingdom or the United States of America

3. Degree programme structure

Article 3.1 Structure of academic year

1. Every degree programme will be offered in two years, each of which divided into two semesters.
2. Every semester consists of two consecutive periods of ten weeks.
3. The programmes will be taught in full-time.
4. The language of instruction is English.

Article 3.2 Programme structure

1. The programme comprises the units of study included in Section B.
2. The size of the degree programme in EC is 120. These 120 credits must not include any credits which constituted part of a previously passed Bachelor's audit.
3. If students must sign up for participation in a unit of study, this will only be possible in the periods designated for that purpose.

Article 3.3 Master's final Project

1. Requirements to starting the Final project:
 - a. Outside of the Final project a maximum of 10 EC for unfinished courses is allowed
 - b. In case the programme allows a combined final project and internship, 10 EC unfinished courses outside the internship and final project are allowed.
2. The student and the (day-to-day) supervisor must make an appointment about the starting and finishing dates of the Master's project.

3. This will be documented in a plan that takes into account the nominal length of the final project, a reasonable holiday period and uncompleted study units.
4. The planning must be approved by the supervisor and signed by the student.
5. Programme-specific regulations regarding the Final Project are stipulated in the programme-specific section B.

Artikel 3.4 Internship

1. The internship is a period of study related work for the amount of 20 credits that is carried out by the student at a company, university or institute outside the University of Twente.
2. Requirements for starting the internship:
 - a. At least 45 EC should be obtained before starting the internship.
 - b. For each programme additional requirements can apply. If so, these will be stipulated in section B.
3. A description of internship must have been drawn up in accordance with and be approved by a member of the staff who has a permanent position at the University of Twente. The approval must be given before the start of the internship.
4. The student has to register with the Internship Office EEMCS at least three months before starting his internship.
5. The daily supervisor of the internship is a staff member appointed by the institute where the placement is being done. This person should be mentioned in the project description, mentioned in paragraph 2.
6. The staff member, mentioned in paragraph 3, supervises the student from a distance during the internship. If adequate supervision is not - or no longer - possible, in the opinion of this supervisor, the latter can decide to take over the daily supervisor.
7. During the internship the student should write a report about his work. At the end of the internship period the report should be handed over to the daily supervisor. The daily supervisor gives an assessment by filling in the assessment form, handed over by the student. The assessment will be based on the supervisor's observations of the student and on the report.
8. The UT supervisor shall act as examiner for this unit, and will base his mark on the assessment by the company supervisor, the report by the student and a discussion with the student. The student should hand in the report to the UT supervisor within two months after the end of the internship.

Article 3.5 Confidentiality

1. The final report and internship report are public unless confidentiality conditions have been imposed as follows.
2. The programme management can declare a (final) report confidential for a limited period upon receiving a motivated request:
 - a. A request regarding confidentiality should be done by the first supervisor before the start of the final project or internship.
 - b. The confidential report is accessible for the supervisor, the programme management, and members of bodies that have the authority to assess the quality of the grading of the entire programme
 - c. All parties mentioned in 2b are obliged to respect the confidentiality of the report.
3. In case confidentiality conditions are imposed according to 2, the final presentation may be adapted in a way to avoid making the issues that are considered confidential public

Article 3.6 Flexible Degree programme

1. The Examination Board of the programme decides whether a student may take part in a flexible degree programme as stipulated in Section 7.3d of the WHW. The Examination Board assesses whether the programme is appropriate and consistent within the domain of the programme and whether the level is high enough in the light of the final attainment targets of the programme.
2. The flexible degree programme is put together and motivated by the student and must at least have the size, breadth and depth of a regular Master's programme.
3. The following conditions must at least have been met in order to be eligible for the Master's degree:
 - a. A deviation from the regular Master's programme of at least 30 EC with a coherent content
 - b. the level of the programme must match the objectives and exit qualifications that apply for the programme for which the student is enrolled

Article 3.7 Double / combined programme

In some cases, a student can obtain diplomas for two Master's programmes on the basis of a combined course programme satisfying the requirements of each individual programme.

The following conditions for the composition of a combined programme are formulated.

1. The student's course programme can be described as the amalgamation of two (not necessarily) disjunctive course programmes satisfying the requirements of both programmes.
2. The two sub-course programmes referred to in 1. Have no more than 30 credits from courses in common outside of a possible combined final project. In case of a combined final project and combined internship of 20 EC, both programmes may not have more than 20 EC from course in common. This not only includes units of study included in both course programmes, but also courses for which an exemption was granted for one course programme on the basis of a result earned as part of the other course programme.
3. If a single final project is included in the intersection of both course programmes as referred to in 1, the study load of the assignment should be at least 100% of the requirement in EC for the final project of the course programme of the student plus at least 50% of the requirement in EC for the graduation project of the other course programme.
4. In individual cases the programme director may determine that not all conditions have to be met.
5. Approval for the combined course programme is needed from both Examination boards.

Passing the final assessment for a combined programme

Students who based in a course programme as described above sit a combined final assessment will successfully pass if the assessments included in the file would result in passing the final assessment of both programmes individually in accordance with the applicable regulations. The Examination Boards of the programmes involved must decide to allow a student to pass the final assessment. The programme management gives instructions on the date of a combined final colloquium.

4. Examinations

Article 4.1 Signing up for courses and examinations

1. Every student must sign up in SIS for participation in a course. It is also mandatory to register beforehand for every interim examination opportunity.
2. By way of exception to the provisions of paragraph 1, any student who has correctly signed up for participation in the instruction/classes for a particular course and has been admitted

will also be signed up for the subsequent interim examination, unless the degree programme stipulates a different approach.

3. The student has the right to inspect recent model test questions or model tests, or old tests and their keys, along with the norm for assessment.
4. The assessment schedule must be published in Blackboard at least two weeks prior to the start of the study unit.
5. The assessment schedule must include:
 - a. The learning objectives;
 - b. When and how tests will be administered;
 - c. the relative weighting of the tests;
 - d. any required minimum grade per test
 - e. the resit for each test (if applicable), the form of the resit, when it will take place, and any conditions for participating in the resit;

Article 4.2 Type of examination

1. In the course catalogue the way is stipulated in which a unit of study is concluded and the form any examination will take.

At the student's request, the Examination Board may permit a different form of examination than that stipulated in the course catalogue.

The examiner can request the Examination Board to permit a different form of examination on the condition that all participants agree.

2. In the case of a unit of study that is no longer offered, in the academic year following its termination, at least one opportunity will be provided to sit the interim examination(s) or parts thereof and a transitional arrangement will be included in the programme-specific section for the subsequent period.

Article 4.3 Oral examinations

1. The examiner may conduct oral examinations involving more than one student at a time, unless one of the students involved objects to this.
2. Oral tests will be conducted in public, unless the Examination Board has determined otherwise in a particular case, possibly at the request of the examiner or the student.
3. If a third party wishes to be present during an oral test must submit this request to the Examination Board at least ten working days prior to the oral test. This does not apply for graduation colloquia.
4. If the Examination Board has determined that members of the Examination Board (or an observer representing the Examination Board) are to be present during the oral test, it will notify the examiner and the student at least one working day prior to the test.
5. For an oral test, there must be proof that the student was treated properly and that the assessment is reliable. This can be shown by, e.g., the presence of a second expert or a video recording of the sitting of the oral test. The assessment is documented by means a form that shows that the intended learning outcomes are met.

Article 4.4 Determining and announcing results

1. The result of a written exam or practical exercise is published via the SIS within 20 working days. The publication will be done by BOZ (Office of Educational Affairs).

- a. The examiner will determine the result of a written exam within 15 working days after the exam and notify BOZ of the result.
 - b. No rights can be derived from exam results that have been published via Blackboard or any other medium not being the SIS.
2. The result of an oral exam is made known to the student within one working day in the form of an authorized proof of result provided by the examiner.
3. If the result for a unit of study is based on the completion of one or more assignments, or on writing a paper or thesis, then the date of submission of the final assignment, paper or thesis will count as the exam date.
4. Should the examiner not be able to meet the term as described in paragraphs 1 and 2 due to extraordinary circumstances, he/she reports this with reasons to the Examination Board. The student is informed of the delay as soon as possible by the Examination Board, whereby the new term within which the result will be made known is also communicated. If the Examination Board is of the opinion that the examiner has not met his/her obligations, it may appoint another examiner to ascertain the result of the exam.
5. If a second exam is planned shortly after the first, the results of the first exam will be published at least ten working days prior to the second exam.

Article 4.5 Examination opportunities

1. There will be an opportunity at least twice a year to sit written or oral exams. Practical exercises can be completed at least once per year.

Article 4.6 Examination results

1. Marks are given on a scale from 1 to 10, with no decimal after the point.
2. EC will only be awarded for the unit of study if an interim examination has been completed with a grade of 6 or higher. No EC's will be awarded for components of units of study and/or individual tests.
3. If a student receives more than one authorized result for one and the same unit of study, the highest result will apply.

Article 4.7 Exemption

1. At the written request of the student, the Examination Board may exempt the student from taking one or more examination components, if the student:
 - a. has passed a course component of a university or higher professional education programme that is equivalent in both content and level; or
 - b. has demonstrated through his/her work and/or professional experience that he/she has sufficient knowledge and skills with regard to the relevant course component.
 - c. Students may be exempted from the obligation to participate in practical exercises if they can demonstrate that they expect to be placed in a moral dilemma as a result of the need to meet one of the requirements for this component. In such cases, the Examination Board decides whether the component can be carried out in another manner to be determined by the Board.
2. Exemptions may be granted with a maximum of 30 credits. The Examination Board can grant an exception in extraordinary cases.
3. Exemptions cannot be granted on the basis of results from a Bachelor's programme, the course in question should be substituted by another course.

Article 4.8 Validity period for results

1. The period of validity for an exam result that has been successfully completed is six years. .
2. Test results are only valid in the academic year in which they were obtained.
3. The Examination Board can extend this period in individual cases at the request of the student.

Article 4.9 Post-examination discussion and right of inspection

1. The student is entitled to a justification of the results of a test from the examiner, whereby the examiner substantiates the assessment that was given. If no collective discussion of the results is held, the student may submit a request for an individual discussion of the results to the examiner within ten working days of publication of the test results. The discussion must take place at the latest five weeks after the publication of the test results, in the presence of the examiner or an authorized replacement.
2. The student has the right to inspect his or her work for a period of two years after the assessment.

Article 4.10 Retention of examination results

1. The questions, elaborations and the assessed work of written tests will be retained for a period of two years.
2. The retention period of final assignments of the programme is seven years.

Article 4.11 Master's final examination

1. The Examination Board determines the result of the Master's final examination after it has established that the student has passed all the units of study belonging to the programme. The date recorded on the diploma, i.e. the examination date, is the date on which the student successfully completed the last remaining unit of study.
2. A diploma can only be awarded after the student has received formal approval for his study programme as described in the programme-specific section B.
3. If so desired, the student has the right to submit a substantiated request in writing to the Examination Board to postpone declaring the examination as 'successfully completed' and consequently postpone the presentation of the certificate as well. The student must indicate at least the duration of the postponement he desires in his request
4. If the student has requested postponement on the basis of paragraph 3, 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 final examination.

Article 4.12 Diploma and transcript

1. The Examination Board grants a diploma as proof that the student has passed his/her final examination. The Executive Board sets the model for the diploma. The Examination Board adds a diploma supplement to the diploma providing information on the nature and content of the degree programme completed. The diploma supplement is drawn up in Dutch or English and complies with the European format.
2. The International Diploma Supplement will be appended to the certificate for the successfully completed final examination (WHW, Article 7.11, paragraph 4).
3. Individuals who have successfully completed more than one component of the programme and who cannot be awarded a diploma as stipulated in paragraph 1 will, on request, receive a

statement to be issued by the relevant Examination Board stating at least the components that have been successfully completed together with the units of study they involved, the number of EC obtained and the way in which the interim examinations were taken.

Article 4.13 Cum Laude

1. The Examination Board checks whether the student has fulfilled all requirements. If the *judicium Cum Laude* applies, then this will be mentioned on the diploma and its supplement.
2. In exceptional cases the Examination Board may positively deviate from the requirements to obtain *Cum Laude*.
3. The *judicium Cum Laude* can be mentioned on the Master's certificate on the following conditions:
 - a. The average grade for all parts of the Master's examination programme has to be at least a mark 8.0;
 - b. Those parts of the study programme that were granted exemption or that were not marked with a number are not considered for determination of the average grade.
 - c. Exemptions within the programme may be granted with a maximum of 15 EC
 - d. The Master's thesis (final project) is marked with at least 8.0
 - e. The study programme is completed within 30 months. In the case of a combined programme, the maximum period to be eligible for *Cum Laude* is proportional to the total study load, that is, the number of months does not exceed the total study load in EC's divided by four.

Article 4.14 Fraud and plagiarism

1. The provisions of the Regulations governing Fraud and Plagiarism in the Rules and Regulations of the Examination Board EWI apply in full.
2. Electronic detection software programs may be used to detect plagiarism in texts. In submitting a text, the student implicitly consents to the text being entered into the database of the detection program concerned.

5. Student counselling and study progress

Article 5.1 Administration of study progress and academic student counselling

1. The Dean is responsible for student counselling, which includes informing the student of study opportunities in or outside the programme.
2. Each student is appointed a study adviser
3. The study adviser counsels the student and offers advice on study-related matters, as well as personal problems that may affect his studies if the student so desires.
4. If a student wishes to exercise his right to specific counselling or special facilities, he is required to contact the study adviser. The study adviser will record any agreements made with the student, of which the student and the programme board can derive rights.
5. The following applies to the entitlement to special facilities:
 - a. demonstrable force majeure or personal circumstances;
 - b. if necessary and possible, dispensation for participation of exams or tests and/or the availability of special facilities with regards to examination. Such dispensation and additional testing opportunities can only be granted by the Examination Board.
6. Every student has a list of the results achieved put at his/her disposal in SIS. The student can request a certified study progress overview from the Student Services Desk if required.

Article 5.2 Adaptations for students with a disability

1. A disability is a physical, sensory or other impairment that might limit the student's academic progress.
2. It is explored in consultation with the student and on the basis of an interview with the study adviser what adjustments as referred to in Article 2 of the Equal Treatment Act on the basis of a Handicap/Chronic Illness (WGB h/cz) are considered most effective for this student.
3. Adjustments are intended to remove specific obstructions when following the degree programme and/or sitting interim examinations. Where necessary, these may concern facilities pertaining to the accessibility of infrastructure (buildings, classrooms and teaching facilities) and study material, changes to examinations, alternative courses or a custom study plan. Realizing the attainment targets must be guaranteed when implementing changes.
4. On the basis of the interview described in paragraph 2, the student submits a written application for the facilities in consultation with the study adviser. The application is submitted to the Dean of the Faculty, preferably three months before the student is to participate in classes, exams and tests for which the facilities are required.
5. The application is supported by documents that can reasonably be requested to assess the application (such as a doctor's or psychologist's letter or, in case of dyslexia for example, a report by a testing bureau registered with BIF, NIB or NVO).
6. The Dean of the Faculty makes a decision, within twenty working days of receipt of the application or earlier if the urgency of the application necessitates it, on the validity of the application as described in paragraph 4, and informs the student and the study adviser of his decision.
7. The study adviser ensures that the relevant parties involved are informed in due time of the facilities granted to the student with a disability.
8. Should the Dean of the Faculty turn down the application in full or in part, the Dean will inform the student of the reason at the basis of this rejection and the possibilities for lodging an objection or an appeal. Objections must be submitted in writing within six weeks, of the decision being announced to the relevant party, at the Complaints Desk at Student Services.
9. Should extra facilities be granted, it will be stated for what term this grant will apply. The applicant and the study adviser will evaluate the facilities before the end of this term. During this evaluation, the parties will discuss the effectiveness of the facilities provided and whether they should be continued.
10. If additional time for a test is granted e.g. in case of dyslexia, an additional period of 15 minutes for every clock hour is allowed.

6. Amendments, transitional arrangements, appeals and objections.

Article 6.1 Conflicts with the regulations

If other additional regulations and/or provisions pertaining to teaching and/or examinations conflict with these Education and Examination Regulations, the present Education and Examination Regulations take precedence.

Article 6.2 Administrative errors

If, following the publication of an interim examination result, a list of marks, or an overview of a student's progress, an apparent 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 with rectification of the error.

Article 6.3 Amendments to the regulations

- 1) Substantive amendments to these Education and Examination Regulations are determined by the Dean in a separate decision.
- 2) In principle, substantive amendments to these Regulations do not apply to the current academic year. Substantive 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 of the Examination Board.
- 4) Transitional arrangements are made in accordance to Article 6.4.

Article 6.4 Transitional arrangement; examination opportunities

- 1) In the case of amendments to the Education and Examination Regulations, the Dean may decide on a transitional arrangement.
- 2) The transitional arrangement will be published in the programme-specific section B.
- 3) Points of departure for a transitional arrangement if a degree programme is changed:
 - a. Changes to a degree programme are published before the start of the academic year in which they are to apply.
 - b. No guarantee can be given that all the units of study of a degree programme, as they existed at the time of a student's enrolment in a programme, will continue to be part of his degree programme. The degree programme as most recently approved by the Dean serves as the basis for establishing the results of the Bachelor's examination.
- 4) The transitional arrangement will always include:
 - a. which lapsed units of study are equivalent to units of study or components thereof in the current degree programme included in the programme appendix; that if a unit of study without practical exercises is removed from the programme, there will be at least two opportunities in the subsequent academic year to take a written or oral exam or to obtain an assessment by some other means;
 - b. that if a unit of study that involves practical exercises is removed from the programme, and during the subsequent academic year no opportunities are offered to carry out these practical exercises, at least one unit of study is designated as a suitable replacement for the lapsed unit of study;
 - c. the term of validity of the transitional arrangement.
- 5) The transitional arrangement requires the approval of the Examination Board pursuant to the provisions of paragraph 4.
- 6) In exceptional cases, and if this is to the student's advantage, the Examination Board may allow a deviation from the number of times and the way in which interim examinations may be taken for a unit of study that is no longer included.

Article 6.5 Review of the education and examination regulations

- 1) The Dean is responsible for the regular review of the Education and Examination Regulations and takes into account the resultant study load for the students to enable this to be monitored and adjusted if necessary.
- 2) In accordance with Article 9.18 of the WHW, the Programme Committee is responsible for issuing advice on the Education and Examination Regulations as well as the annual assessment of the manner in which the Education and Examination Regulations are implemented.

Article 6.6 Appeal and objections

An appeal against a decision made by the Examination Board or an examiner, and objections to decisions made by the Dean on the basis of these Regulations, must be submitted in writing to the Complaints Desk at Student Services within six weeks after notification of the decision.

Article 6.7 Hardship clause

In the event of demonstrable, considerable unreasonableness and unfairness, the Examination Board can permit departures from the provisions of these Regulations.

Article 6.8 Publication

The Education and Examination Regulations and the Rules and Regulations of the Examination Board are published via the website of the programme in question.

Article 6.9 Commencement

These Regulations take effect on 1 September 2016 and supersede the Regulations of 1 September 2015.

SECTION B: PROGRAMME-SPECIFIC SECTION BUSINESS INFORMATION TECHNOLOGY

1. General provisions

Article 1.1 About this section

The Teaching and Examination Regulations (OER) are subdivided into two sections (Section A and Section B), which together form the OER. Section A, which can be seen as the faculty section, includes provisions that may apply for several degree programmes. Section B contains the provisions that are specific to the particular degree programme, in this case the Master's programme Business Information Technology.

2. Programme objectives and final attainment targets

Article 2.1 Aim of the programme

1. The primary goal of the Master's programme on Business Information Technology (MBI) is to provide graduates with a combination of academic and professional skills and specialized technical knowledge that will enable them to analyse, design, validate and implement advanced ICT systems in their usage context. The students are trained to participate in and contribute to research in the field and international developments in and related to the field in scientifically, ethically and socially sound ways.

The Master's programme offers a stimulating and challenging research-oriented environment in which the following secondary goals are achieved:

- a. Students acquire comprehensive knowledge and insight and develop their professional and academic skills based on initiative and personal responsibility for the learning process.
- b. Students develop an investigative and reflective attitude.
- c. Students acquire an understanding of and gain experience in methods and techniques to be able to model and describe systems and their properties.
- d. Students acquire knowledge of, insight into and experience with requirements identification, design, validation and implementation of ICT systems. They learn to use this knowledge, insight and experience in their search for meaningful and promising alternatives and for making well-considered choices.
- e. Students acquire knowledge of, insight into and experience with requirements identification, design, validation and implementation of business networks. They learn to use this knowledge, insight and experience in their search for meaningful and promising alternatives and for making well-considered choices.
- f. Students develop an attitude that promotes constructive criticism whereby choices are substantiated and discussed.
- g. Students work in a team and contribute to the application and/or development of theory, methods, technologies and tools for the development of ICT systems taking into account their usage context.
- h. Students gain experience to function in complex dynamic situations in which the relevant information is not always immediately and fully available.

To further activate their education (with cases, research assignments and discussion of the research, developments and literature in the field), students are encouraged to follow developments in the field and can directly and independently coordinate their personal progress towards these developments.

The goal of the Master’s programme is to enable the graduates with the aptitude and proven talent for academic research to continue their education with doctoral research.

The Master’s programme on Business Information Technology has a particular emphasis on innovative developments and the integration and optimisation of business processes and ICT. The programme focuses on acquiring comprehensive knowledge and insight, as well as gaining experience in the integrated development of organizations and their business processes and ICT systems, and related theories and concepts. Methods and technologies, as well as the analysis, evaluation and modelling of both functional and qualitative properties, are important aspects of the programme. Based on solid knowledge and an understanding of the life cycle of ICT systems in their business context, the Master students develop the skills and insight required to manage innovative development processes in an architectural framework and in an environment of internationally-oriented business networks. Insight into the current research in this area is promoted in a number of different ways. Students of the Master’s programme develop a constructive critical and reflective attitude by analysing research and design activities, both their own and of others.

Article 2.2 Final attainment targets

The Master of Science programme on Business Information Technology prepares students to occupy a leading position in the field of Information Systems (IS). Knowledge in the field of management and IT is the very core of their preparation. The Master graduates are capable of integrating and applying this knowledge in the broad context of organizational practice, and have also at their disposal well-developed skills in communication, interpersonal relations and group work. Finally, the Master graduates possess the special skills needed for a successful career future, for example, knowledge of IT and organizations, a critical attitude and a disposition towards lifelong learning and innovation.

Table 1 lists the final attainment targets of the programme.

Table 1: Final attainment targets of the MBI programme

<i>Nr</i>	<i>Final attainment target</i>
1	The graduate has a comprehensive and thorough knowledge and understanding of the field as specified in the programme-specific final attainment targets, which are described under 1a, 1b, etc. below.
1a	The graduate understands the theory and research results on the relations among business strategy, business processes, IT architecture and IT infrastructure.
1b	The graduate understands the life cycle of ICT systems in an organizational context and is able to use this concept to realize alignment.
1c	The graduate is capable of developing business strategies and business information system strategies, and operationalizing them in an architectural framework.
1d	The graduate understands the short and long-term impact of the business strategies, and their impact on both the effectiveness and the efficiency of technology and the changes in business processes.

1e	The graduate knows how to apply information systems methods and techniques like requirements analysis, resource management & planning, architectural design, implementation and administration for alignment and life cycle management of information systems.
1f	The graduate thoroughly understands and is experienced with the process and available methods and technologies for planning, managing and carrying out system development and change processes for business information systems.
1g	The graduate knows how to apply methods and techniques for the integrated development of business processes and business information systems, by making a reasoned selection, by communicating the principles and by contributing to their further development.
1h	The graduate understands the role of theories and metrics for business information systems, such as user-friendliness, adaptability, security and privacy.
1i	The graduate understands the concept of business innovation, as well as the interaction between technological innovations and innovations in business processes and business organization.
1j	The graduate is capable of overseeing and optimizing the impact of developments within the field and their effect on multiple parties, such as in business networks.
1k	The graduate understands the opportunities and threats to cooperation and relations management transgressing the organizational boundaries, as well as the role of information systems herein.
1l	The graduate has specialized knowledge in a sub-area of the field of business information technology in an organizational context.
2	The graduate is capable of contributing to scientific research and is able to independently design and perform a research project of limited scope and present the results.
3	The graduate is capable of making an original contribution to the development and/or application of information systems in business practice.
4	The graduate is capable of analysing complex problems and change issues in the field, and knows how to acquire the knowledge and information required for this analysis.
5	The graduate is capable of designing, validating and implementing solutions/systems for their use in the environment, and is able to select and utilize advanced disciplinary knowledge, methods and techniques when doing so.
6	The graduate is capable of evaluating the features and problem-solving potential of solutions/systems and implementations, even when confronted with a new and/or unfamiliar situation and with incomplete information or uncertain properties. Graduates can also make choices and defend them based on these evaluations.
7	The graduate has insight into ethical, social, cultural and societal aspects of problems and solutions in the field, and can use this insight when acting as an academic at the international level.

8	The graduate is capable of working in a team, and can occupy a leadership position in this team. The graduate is capable of managing and planning a development process, and of documenting a development or research process.
9	The graduate is capable of justifying and presenting (both orally and in writing) research results, designs and implementations, and can analyse and debate on the presented justification.
10	The graduate is capable of independently assimilating new knowledge and skills and on reflection can organize and coordinate his/her personal development towards developments in the field.
11	The graduate is capable of involving other disciplines in his work whenever necessary.
12	The graduate is capable of critically reading, using and debating on international academic literature in the field.

The word 'original' in final attainment level #3 is used in the narrow sense of 'attesting to an individual creative contribution,' rather than in the broader sense of 'pioneering.'

Article 2.3 Didactic concept

The didactic concept of the MBI programme is based on the three "O's" that characterize the University of Twente's academic programmes: Research ('Onderzoeken'), Design ('Ontwerpen') and Organization ('Organiseren'). The University of Twente also encourages a multidisciplinary approach and provides ample room for internationalization. An entrepreneurial attitude and an emphasis on designing solutions for complex problems complete our university's profile. As a consequence, the didactic concept that lies at the heart of this Master's programme can be characterized as being a mixture of (1) knowledge development in the classical sense, (2) integration of this knowledge in project-based courses and (3) the weaving of several lines of learning between individual courses.

Concerning more specifically the research aspect, this programme prepares the students to operate at the level of junior researcher by familiarizing them with the Design Science paradigm, as introduced by Hevner, March, Park & Ram¹. This is a scientific paradigm that aims at increasing human and organizational capabilities through the creation of new and innovative artefacts. Within this paradigm, the building and application of the newly designed artefacts creates knowledge and understanding of the problem domain as well as of the ways of solving problems.

3. Further admission requirements

Article 3.1 Additional admission requirements

A request to be admitted to the programme is assessed by the MBI Admission Committee.

In addition to the general criteria, the MBI Admission Committee distinguishes two types of (inter)national education:

1. Research Universities (offer more research-oriented programmes);
2. Universities of Applied Sciences (prepare students for more practical jobs).

¹ Hevner, A., March, S., Park, J., & Ram, S. (2004). Design science in information systems research, *MIS Quarterly*, 28(1), 75-105.

The assessment of all applicants' skills is based on their academic background. The MBI Admission Committee has specific requirements depending on the degree of the applicants. Knowledge gaps can be repaired during a pre-master's programme, which should be successfully completed before the student is admitted to the master's programme. In case the knowledge gap is limited, repair can happen during homologation courses incorporated in the Master's programme.

The MBI Admission Committee determines the duration and content of the pre-master's programme and/or homologation courses. As a general guideline, the study load of the homologation courses should not exceed 15 EC.

The regulations for the different educational backgrounds are:

1. Dutch Research University Degree

1. A Bachelor degree awarded by a Dutch university.
Applicants with a Bachelor degree other than Business Information Technology or Information Sciences in a related field awarded by a Dutch university are eligible for admission depending on the contents of their Bachelor's programme. Concerning English proficiency and possible homologation courses, the Admission Committee decides for each applicant whether additional requirements should be set or a proficiency test should be taken.
2. A Bachelor's degree awarded by the University of Twente:
 - a. Applicants with a Bachelor degree in Business Information Technology are directly admitted to the programme.
 - b. Students who have completed a Computer Science (TI) or Industrial Engineering & Management (TBK) are directly admitted to the programme. They will have to follow some homologation courses that are incorporated in their Master's programme.
 - c. Applicants with a Bachelor's degree other than BIT, TI or TBK, awarded by *the University of Twente* may be admitted to the programme after completion of their Bachelor's and a pre-master's programme.

2. Degree from a University of Applied Sciences (HBO)

Students with a Bachelor's degree in a related field awarded by a HBO may be admitted to the programme after completion of their bachelor and a pre-master's programme.

The Admission Committee determines whether or not a pre-master's is awarded, based on:

- Academic record;
- Content of the Bachelor programme;
- Proficiency in Mathematics B at pre-university education level (*Dutch: VWO*);
- Proficiency in English at pre-university level (*Dutch: VWO*);
- CGPA of at least 70%;
- Curriculum Vitae;
- Letter of motivation;
- Two references.

The following degrees are currently considered to be in a related field:

- Information Technology ('Informatica');
- Business IT & Management ('Bedrijfskundige Informatica').

Non-Dutch University Degree

The MBI Admission committee assesses international applicants with a Bachelor's degree awarded by a foreign Research University or University of Applied Science on an individual basis. The assessment of the applicant's competences is based on:

- Academic record;
 - NUFFIC credential evaluation;
 - Content of the degree (field related);
- Quality of level of bachelor programme;
- CGPA of at least 75% (3.0 on a 4-scale);
- English proficiency test report;
 - IELTS score with an overall band score of 6.5 or higher, or a
 - TOEFL internet-based (TOEFL-iBT) score of at least 90;
- Letter of motivation;
- Two references;
- Any additional information required by the Admission Committee.

4. Curriculum structure

Article 4.1 Composition of programme

The Master's programme on Business Information Technology consists of:

- Six mandatory core courses,
- Three alternative specializations with four mandatory courses each,
- Elective courses,
- Research topics course,
- Final project.

The academic programme 2016-2017 is depicted in the next articles, showing the course code, course name, quartile and study load in EC.

More details are available via OSIRIS and/or are made known in a timely manner by the examiner in accordance with the provisions of article 4, Section A.

Article 4.2 Core courses

The choice of core courses followed from the conviction that all BIT Master's should understand the principles of IT strategy, business process management, enterprise architecture and business case development. Furthermore, all BIT Master's should understand and be able to apply the methods and techniques of design science, and should understand the principles of (computer-supported) cooperative work.

The core courses of the BIT Master's programme are the following:

Term	Code	Name	EC
M1-Q1	192350200	E-Strategizing	5
M1-Q1	192376500	Business Process Integration Lab	5
M1-Q2	201400277	Enterprise Architecture	5
M1-Q3	192320820	Design Science Methodology	5
M1-Q4	192340070	Computer Support Cooperative Work	5
M1-Q4	192376000	Business Case Development for IT-Projects	5

Article 4.3 Enterprise architecture (EA) specialization

In this specialization, courses on information systems and services have been selected. The course on Foundation of Information Systems is methodological, while the courses on Information Services, Architecture of Information Systems and Service-oriented Architecture with Web services are more system-oriented. These courses complement each other and cover the main techniques and systems for enterprise architectures.

Term	Code	Name	EC
M1-Q1	191863960	Foundations of Information Systems	5
M1-Q2	201100051	Information Services	5
M1-Q3	192652150	Service-oriented Architecture with Web services	5
M1-Q4	192320111	Architecture of Information Systems	5

Article 4.4 IT Management and Innovation (ITMI) specialization

In this specialization, courses related to the application and management of ICT in organizations have been selected, with the exception of the course on Software Management, which is oriented towards the software development process and software quality. The course on E-commerce contributes to the innovation aspect of this specialization. In this specialization, the students learn techniques that are applicable in (large) IT and software development projects.

Term	Code	Name	EC
M1-Q2	192320501	Electronic Commerce	5
M1-Q3	192360021	ICT Management	5
M1-Q3	192340101	Implementation of IT in Organizations	5
M1-Q4	192340041	Software Management	5

Article 4.5 Business Analytics (BA) specialization

In this specialization, courses have been selected to cover the methods and techniques necessary to prepare the students to perform business analysis by exploring and reasoning on large amounts of data.

Term	Code	Name	EC
M1-Q1	191506103	Statistics and Probability	5
M1-Q1+2	191820210	Simulation	5
M1-Q2	201200044	Managing Big Data	5
M1-Q2 / Q3	201400174	Data Science	5

Article 4.6 Electives

In addition to the 50 EC that are determined by the core and the specialization courses, the students spend 30 EC on elective courses.

In order to guarantee the scientific depth of the programme, a student can only take up an internship of 20 EC **OR** join the study tour for 10 EC. These courses count as elective courses.

Term	Code	Name	EC
ALL YEAR	201300059	Internship BIT (Traineeship)	20
ALL YEAR	201200148	Study Tour	10
S1	192320220	Advanced Architecture of Information Systems	10
S1	191820210	Simulation	5
Q1	191863960	Foundations of Information Systems	5
Q1	192111332	Design of Software Architectures	5
Q1	192320601	Multi agent systems	5
Q1	194108040	Business Development in Network Perspectives	5
Q1	195810200	Supply Chain Management & ICT	5
Q1	191506103	Statistics and Probability	5
Q1	201200008	Accounting & Financial Management	5
Q1	194111500	Innovation & Technology Dynamics	5
Q1	201400171	Capita Selecta Software Technology	5
S1	201200180	Seminar Digital Society in 2020 ¹⁾	5
Q1	193140040	Design of Work Systems & Employment Relations	5
Q2	192135450	ADSA: Model Driven Engineering	5
Q2	191612680	Computer Ethics	5

Q2	191800770	Empirical Research & Data Analysis	5
Q2	192320501	E-commerce	5
Q2	201100051	Information Services	5
Q2	201200044	Managing Big Data	5
Q2	201500018	Cybersecurity Management	5
Q2 or Q3	201400174	Data Science	5
Q3	201300075	Management of Organizations, Operations and Technological Innovation	5
Q3	201100126	Human Computer Interaction	5
Q3	201200010	Global Strategy & Marketing	5
Q3	192652150	Service-oriented Architecture Web Services	5
Q3	192340101	Implementation of IT in Organisations	5
Q3	192360021	ICT Management	5
Q3	194120130	Transformation of the HR function with IT	5
Q3	201100163	Management of Technology for PLM	5
Q4	192320111	Architecture of Information Systems	5
Q4	192340041	Software Management	5
Q4	192360501	E-health strategies	5
Q4	194105070	Information Systems for the Financial Services Industry	5
Q4	201200153	Capita Selecta Requirements Engineering	10
Q4	201500038	E-law	5

A student needs to ask for a permission of the Examination Board to follow a course that is not in the list of elective courses above; otherwise the course does not count for his/her programme.

Internship and international cooperation

The research groups that contribute to the MBI courses have contacts with foreign universities and research institutions. Students interested in studying abroad can make use of these contacts. For more information on studying abroad and the internship, see:

www.utwente.nl/ewi/en/education/external_training/

Article 4.7 Research Topics

Students need to take the course Research Topics BIT (201300058) before starting the Master final project. During this course the students get acquainted with a research area as a preparation for the Master final project.

Term	Code	Name	EC
ALL YEAR	201300058	Research Topics BIT	10

Article 4.8 Final Project

The Final Project is scheduled in the second semester of the second year of the Master's programme.

Term	Code	Name	EC
ALL YEAR	192399979	Final Project BIT	30

The final project is a 30-credit study activity to be completed over a half-year period, which rounds up the Master's programme. The final project is a research and/or development exercise. The final project may be developed and implemented internally (within the UT), but it may also involve a commissioned assignment from a company or another higher education institution. Some projects are performed abroad.

The final project can be seen as an individual 'Master's assessment test'. After successfully completing the project, the student demonstrates that he/she deserves the Master of Science qualification. In the final project, the student's competence in the integrated application of knowledge, comprehension and skills covered in the earlier study units is assessed. Although the assignment focuses on a specified field of study, the project is assessed on the basis of a number of well-defined generic criteria.

To conclude the project, the student submits a written report (the 'Master thesis') and delivers an oral presentation about the project, addressing both its implementation and the results generated. The Examination Board prescribes an assessment form for the final project to help ensure the homogeneity and transparency of the assessment.

The final project committee consists of at least two supervisors: one from the BMS faculty and one from the EEMCS faculty, stressing the Business and IT signatures of the programme.

Further information on the final project can be found in the Final Project Manual at www.utwente.nl/mbit/final_project/.

5. Approval of programme

Students must draw up their individual study programme and have this approved and signed by the programme coordinator. The signed and approved copy must be handed in at the education administration before the third quarter of their first year.

6. Degree

Students who have successfully completed their Master's final examination are awarded a Master of Science degree. The degree awarded is stated on the diploma.

7. Transitional and final provisions

Article 7.1 Transitional provisions

Notwithstanding the current Teaching and Examination Regulations, the following transitional provisions apply for students who started the programme under a previous set of Teaching and Examination Regulations:

1. Regulation 2016-2017 regarding the course 192320850 Advanced Requirements Engineering

Occasion: The course 192320850 Advanced Requirements Engineering will not be offered in 2016-2017.

Term of validity for this rule: until September 1, 2017

Students are allowed to replace the course 192320850 Advanced Requirements Engineering with the course 201400171 Capita Selecta Software Technology.

2. Regulation 2016-2017 regarding the course 192330301 Specification of Information Systems

Occasion: As of 2016 this course will no longer be offered.

Term of validity for this rule: unlimited, starting September 1, 2017

Students who need to do this course as a mandatory part of their programme will have to replace this course with 192652150 Service-oriented Architecture with Web services.

Article 7.2 Publication

1. The dean will ensure the appropriate publication of these Regulations and any amendments to them.
2. The Teaching and Examination Regulations will be posted on the faculty website.

Article 7.3 Effective date

These Regulations enter into force with effect from 1 September 2016