

**Programme-specific appendix to the
Education and Examination Regulations (EER)
2019-2020**

for the Bachelor of Science programme

Communication Science (BSc-COM)
dd. 03-06.2019

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1. Structure and Units of Study of the programme

1a. Programme content (incl. modules and module components)

The programme consists of three academic years (B1, B2 and B3) of 60 ECs each. The academic timetable for the programme consists of two semesters per year, each semester consisting of two quarters of ten (or eleven) weeks each. Every quarter, a student takes part in one unit of study, a 'module' of 15 EC (420 hours). The global overview of the programme structure is given in Table 1 and 2.

The Bachelor's programme is based on the so-called Twente Educational Model (TEM), which means challenging themed project education. Each module centers on a specific project, which reflects a contemporary challenge at the crossroads of communication, organization, technology and design. Each module consists of four module components which belong to one of the four learning-teaching trajectory's (LTT): Project (P), Theory (T), Research Methodology (R) and Academic and Professional Skills (S). In addition to getting acquainted with the theoretical underpinnings of the specific issues at stake (Theory), students will also develop the necessary skills to conduct research (Research Methodology) and to present their work (Academic and Professional Skills). These three components are clustered around the project (P). Students use the knowledge and skills gained in these components to do the project. Different scientific disciplines and approaches are applied in every project. Within the module, students work in groups on project-oriented assignments and gain new knowledge independently (under the support and supervision of tutors). Such a teaching approach requires a variety of assessment forms – individual and group assignments, individual written tests, group papers and presentations, etc. - which are applied at different phases along each module.

According to article 4.4 of the EER more detailed information on the exam formats (assessment scheme) can be found at the Electronic Learning Environment (Canvas site) of each module.

A module has a throughput time of one quarter (typically ten calendar weeks) and students subscribe every quarter for one module, not for separate learning teaching trajectories (LTT) or module components. In other words: a module is offered as one integrated educational unity and students take it as such. This is the rule that applies to every student and will only be deviated of in case of special personal circumstances, however with the disadvantage of losing – at least partly - the synergy between the LTT's within a module. This has to be discussed with the study adviser.

Bachelor's Thesis

The module Bachelor Assignment COM at the end of the third year of the programme (introduced in quarter 3.3, and continued in quarter 3.4) has a different structure than the other modules. Students show their acquisition of the competences specified in the final attainment targets of the programme. The Bachelor's thesis is a research-oriented assignment that contributes to existing knowledge within the Communication Science field of inquiry. The assignment includes justified choices towards theory, practice and design. The Bachelor's thesis assignment has a coherent structure and time frame. More details can be found in OSIRIS and on the Canvas site of the bachelor's thesis.

Table 1: Curriculum 2019-2020, BSc Communication Science (COM), modules

Year. Quarter	Module Code	Module name (Unit of Study)	Examiner	EC
B1: First year				
1.1	201600094	Going Viral	Galetzka, dr. M.	15
1.2	201600095	Damage Control	Gosselt, dr. J.F.	15
1.3	201600096	User Experience	Karreman, dr. J.	15
1.4	201600097	Persuasive Technology	Hoof, dr. J.J. van	15
B2: Second year				
2.1	201700001	Facilitating Technological Change	Hoof, dr. J.J. van	15
2.2	201700002	The Privacy Paradox	Ooijen, dr. I. van.	15
2.3	201700003	Communication by Design	Rompay, dr. T.J.L. van	15
2.4	201700004	Changing Organizations	Brunink, K.R. MSc.	15
B3: Third year				
3.1		Minor, internship or exchange		15
3.2		Minor, internship or exchange		15
3.3 & 3.4	201700207	A Better World	Brunink, K.R. MSc	15
3.3 & 3.4	201500169	Bachelor Assignment COM	Tempelman, drs. M.H.	15

The following units must also be completed; for more information, see 7a.

Code	Name
192480300	Test subject hours, B1
192480400	Test subject hours, B2 and B3

Table 2: B1, curriculum 2019-2020, BSc Communication Science (COM), module components

	B1: First year (Units of Study)	Weight	Study load (EC's)
1.1	Going Viral		
	1.1P: Digital Viral Campaign Planning	33	5
	1.1T: Marketing Communication & Social Media	27	4
	1.1R: Research Methodology & Descriptive Statistics	20	3
	1.1S: Academic Writing and Presenting 1	20	3
		100%	15
1.2	Damage Control		
	1.2P: Reputation and Crisis Management	33	5
	1.2T: Strategic Corporate Communication	27	4
	1.2R: Data Collection and Scale Development	20	3
	1.2S: Crisis Response & Media Representation	20	3
		100%	15
1.3	User Experience		
	1.3P: User Perspectives in Technology Design	26	4
	1.3T: Human-Technology Interaction	27	4
	1.3R: Qualitative Methodology 1	27	4
	1.3S: Instructional Design	20	3
		100%	15
1.4	Persuasive Technology		
	1.4P: Technology Design and Compliance	33	5
	1.4T: Behavioural Change	20	3
	1.4R: Quantitative Data Analysis 1	27	4
	1.4S: Professional Communication	20	3
		100%	15

Table 3: B2, curriculum 2019-2020, BSc Communication Science (COM), module components

	B2: Second year (Units of Study)	Weight	Study load (EC's)
2.1	Facilitating Technological Change		
	2.1P: Stakeholders and Technological Innovations	33	5
	2.1T: Science Communication & Public Relations	33	5
	2.1R: Qualitative Methodology 2	20	3
	2.1S: Popularizing Science	14	2
		100%	15
2.2	The Privacy Paradox		
	2.2P: Promoting Privacy Protection Behaviour	33	5
	2.2T: Online Communication and Privacy	40	6
	2.2R: Big Data Analytics	20	3
	2.2S: Audio-Visual Design	7	1
		100%	15
2.3	Communication by Design		
	2.3P: Design for Behavioural Change	33	5
	2.3T: Consumer Behaviour & Design Research	20	3
	2.3R: Quantitative Data Analysis 2	27	4
	2.3S: Academic Writing and Presenting 2	20	3
		100%	15
2.4	Changing Organizations		
	2.4P: Leadership & Communication in Modern Society	33	5
	2.4T: Organizational Communication	27	4
	2.4R: Qualitative Methodology 3	20	3
	2.4S: Consultancy	20	3
		100%	15

Table 3: B3, curriculum 2019-2020, BSc Communication Science (COM), module components

	B3: Third year (Units of Study)	Weight	EC's
3.3	A Better World		
	3.3P: Grand Challenges: Issues, Ethics, Contribution	33	5
	3.3T: Philosophy & Communication for A Better World	33	5
	3.3R: Qualitative Methodology 4	20	3
	3.3S: Reflection in Action	14	2
		100%	15

1b. Study load of the programme and of the units of study

The programme has a study load of 180 EC. The study load of each of the units of study making up the programme is listed in EC in Table 1. 1 EC = 28 hours of study.

1c. Programme specific skills (including full-time programme, or part-time/dual programme)

The programme is a full-time programme.

1d. Honours programme/star programme (incl. admission and selection procedure)

For students obtaining excellent results there are two options for doing something extra up and above the standard programme: the Star programmes within the Communication Science programme and the UT's Bachelor Honours programme.

The Star programme

A Star programme is offered in five out of the eight core modules of the programme (in module 1.2, 1.3, 1.4, 2.3 and 2.4). Participation in a Star programme implies that the selected students will do an individual assignment that focuses on more in-depth knowledge or skills related to the module's content. If this assignment is finished successfully (to be decided by the module coordinator), the student receives an excellence Star.

Based on their individual test/test component grades in the previous module, the top 10% of the students are invited to participate. Successful participation in this programme, including the total number of excellence Stars obtained, will be mentioned on the diploma supplement. Successful participation in the Star programme of at least three modules may result in graduating with distinction. See section 8d.

The UT's Bachelor Honours programme

The Bachelor Honours programme is divided into 6 different tracks, each focussing on a different field. Students applying for the Bachelor Honours programme apply for a specific track, and can follow no more than one track at a time. More information can be found at the website of the honours programme: <https://www.utwente.nl/en/excellence/>.

2. Goals/objectives and final attainment targets/qualifications

2a. Goals/objectives

The goals of the programme are related to the following academic profiles:

1. Theoretical knowledge and understanding.
2. Research competencies.
3. Problem solving competencies.
4. Professional skills.
5. Academic skills.
6. Personal development.

2b. Final attainment targets

1. Theoretical knowledge and understanding. Graduates from the BSc Communication Science programme are able to demonstrate their knowledge and understanding of theories and core concepts in:
 - 1.1. Communication Science;
 - 1.2. Organization-related sub disciplines: Corporate Communication, Public Relations, Organizational Communication, Leadership, Marketing Communication;
 - 1.3. Technology-related sub disciplines: Digital Media, Persuasive Technology, Human-Technology Interaction, Technical Communication, Science Communication;
 - 1.4. Design-related sub disciplines: Visual Communication, Document Design, Multisensory Design;
 - 1.5. Ethics and Philosophy.
2. Research competencies. Graduates from the BSc Communication Science programme are at a basic level (beginner's level for Master's degree, beginning academically educated practitioner) able to:
 - 2.1. Understand the fundamental principles of social-scientific research;
 - 2.2. Analyse communication-related phenomena and relate them to a theoretical framework, in such a way that it results in researchable and relevant questions;
 - 2.3. Place a problem statement in a theoretical framework; this implies that relevant scientific literature is located, evaluated, applied, and described;
 - 2.4. Set up communication research in a systematic, transparent and scientifically responsible manner, and execute this through the substantiated selection and correct application of basic, accepted quantitative and qualitative communication research methods and techniques for data collection and analysis;
 - 2.5. Interpret and discuss the outcomes of research activities in the context of the stated research question,
 - 2.6. Effectively report and present research according to scientific conventions to specialist and non-specialist audiences.
3. Problem solving competencies. Graduates from the BSc Communication Science programme are at a basic level (beginner's level for Master's degree, beginning academically educated practitioner) able to:
 - 3.1. Analyse technical, societal and organizational challenges from a communication perspective;
 - 3.2. Use scientific theories and core concepts, applied communication research methods, and practical knowledge (professional literature) to diagnose technical, societal and organizational challenges or to optimize solutions;

- 3.3. Use creative thinking to solve technical, societal and organizational challenges from a communication perspective;
 - 3.4. Systematically compare possible solutions to a stated problem;
 - 3.5. Evaluate the quality of communicative solutions (formative and summative evaluation) as well as the process of developing and implementing them (process evaluation);
 - 3.6. Effectively report and present a communicative solution to a specific target audience.
4. Professional skills. Graduates from the BSc Communication Science programme are at a basic level (beginner's level for Master's degree, beginning academically educated practitioner) able to:
 - 4.1. Write effectively for different stakeholders;
 - 4.2. Persuasively present for different stakeholders;
 - 4.3. Understand the dynamics of organizations and the role of communication;
 - 4.4. Understand the effects and opportunities of technological innovations;
 - 4.5. Design and visualize ideas and solutions;
 - 4.6. Plan, organize and manage their work effectively and quality oriented, both individually and when working in a team;
 - 4.7. Reflect on individual work (process and results) and, when working in a team, on the team's work process and results as well as their own and others' contribution to the team work;
 - 4.8. Provide and use feedback in an adequate way;
 - 4.9. Are able and willing to reflect on their own competencies and professional actions.
5. Academic skills. Graduates from the BSc Communication Science programme are at a basic level (beginner's level for Master's degree, beginning academically educated practitioner):
 - 5.1. Able to critically reflect on and judge the significance and value of scientific knowledge and exchange and justify arguments in a critical, open and constructive way, both with specialists and non-specialists;
 - 5.2. Able to gather and interpret relevant data and information to inform judgements that include reflection on relevant societal, scientific or ethical issues;
 - 5.3. Aware of the ethical implications involved in academic work.
6. Personal development. Graduates from the BSc Communication Science programme:
 - 6.1. Are sensitive to scientific, societal, and technological developments;
 - 6.2. Are able to initiate and shape their own learning and working process, and bear responsibility for their own professional development;
 - 6.3. Make use of a broad perspective and knowledge base, when working on communication problems and solutions.

2c. Connecting Master programme

A successful examination for the programme automatically qualifies students for immediate acceptance into the one-year Master of Science programme Communication Science.

3. Examination and exams

3a. Examination

The programme ends with the Bachelor examination. A student passes the Bachelor examination when the exams of all units of study, including the bachelor thesis, have been passed successfully.

3b. Assessment scheme (see article 4.4 EER)

Following the principles of the Twente Educational Model (TEM), the exam format of each of the modules (including the minor modules) consists of a mixture of assessment methods. These may include individual and group assessments, such as written tests and reports and different forms of presentations (poster, verbal presentation, paper). For each TEM module an assessment scheme is defined, which is published in the Electronic Learning Environment (Canvas) before the start of the module in question. See article 4.4. EER.

Article 4.1.7 EER states that exam results are expressed as a whole number from 1 to 10. For the bachelor's programme Communication Science the following applies:

1. If a written test has been completed (passed with 5.5 or higher) the student may retake the test in the same academic year during a regular, scheduled retake. For all other test types (e.g., assignments or presentations) the following applies that if this test has been completed (passed with 5.5 or higher) this grade is final. If a student likes to upgrade his mark grade (due to exceptional circumstances) he must have a written confirmation of the examination board.
2. If the quality of a test (assignment) is not sufficient (5.49 or less) the student cannot score a higher grade than 6 at the second attempt. This also applies if the student did not hand in an assignment at the first deadline.

3c. Required sequence of exams / prerequisites

The formal sequence of the modules and their exams is the order as recorded in Table 1. Deviating from the sequence of modules as recorded in Table 1 will be allowed in case:

- The student failed (did not successfully pass) one or more modules.
- The student enters the programme in the course of the academic year, at a moment when one or more preceding modules cannot be followed any more.

A: Prerequisite knowledge for units of study / modules

Prerequisite knowledge is required in the last year of the programme:

Study unit / module	Prerequisites
• Bachelor Thesis B3:	• B1 and B2 successfully passed.
Elective space B3 (30 EC first semester):	
• Internship	• B1 completed and B2 modules 5 and 6 completed.
• High Tech Human Touch modules	• At least 90 EC successfully passed.
• Join-in minors	• At least 90 EC successfully passed.
• Crossing Borders, Educative minor, Board minor	• At least 90 EC successfully passed.

<ul style="list-style-type: none"> • Elective courses (for example from another university) 	<ul style="list-style-type: none"> • B1 completed, and B2 modules 5 and 6 completed.
<ul style="list-style-type: none"> • Studying abroad 	<ul style="list-style-type: none"> • B1 completed, and B2 modules 5 and 6 completed.

B: Prerequisites within a unit of study

Should prerequisites apply within a unit of study (e.g., students may only take part in an test if the previous assignment was successfully completed), then the examiner must make this requirement known through Canvas to the participating students in advance of the start of the unit of study.

4. General information

4a. Admission to the programme

In addition to article 2.3 of the Education and Examination Regulations and the admission regulations on the website 'Colloquium Doctum'

<https://www.utwente.nl/en/education/bachelor/admission/colloquium-doctum/>), this article refers to the following admission regulation.

Dutch students:

- Pre-university education: VWO (profile Economie & Maatschappij, Natuur & Gezondheid, Natuur & Techniek or Cultuur & Maatschappij);
- HBO: hbo-propedeuse in a related field and VWO Wiskunde A, B or C; HAVO Wiskunde A or B.

Foreign students:

- Pre-university school-leaving certificate equivalent to the Dutch VWO-certificate (i.e. German Abitur, Belgian 'Diploma van Secundair Onderwijs', International or European Baccalaureate <http://www.utwente.nl/en/education/bachelor/admission/diplomas/>) and
- Sufficient level of Mathematics and English subject of school-leaving certificate (i.e. German Abitur certificate with "Mathematik und Englisch bis zum Abitur") or completing the University of Twente entrance exam).

4b. Language of teaching and exams

The language of communication, instruction and examination in the bachelor programme Communication Science is English.

4c. Elective options

- In the programme students have, after two years of obligatory modules, one semester in which individual choices direct their exam programme to a large extent. In the third year, first semester, students can choose between a 30 EC **study abroad, internship or a 30 EC minor** or equivalent at the UT.
- More information about spending (a part of) a semester abroad can be found on the Faculty BMS study abroad website: <https://www.utwente.nl/en/organization/structure/faculties/bms/education/study-abroad/>. Students who opt to stay at the UT to fill their elective space, can choose from a number of High-Tech Human-Touch minor modules, the Crossing Borders minor, and a number of "join-in minors" and "in-depth minors". For the most recent information on the modules that are being offered please consult the UT website: www.utwente.nl/minor.

4d. International cooperation

In the first semester of the third year students can choose between study abroad, an internship or a minor offered by the UT. Students that choose study abroad can select a partner university in or outside Europe. More information on study abroad is given on the UT [study abroad website](#).

The minor Crossing Borders offers another opportunity to students who are eager to gain international experience. More information on the minor Crossing Borders is available on the minor's website <https://www.utwente.nl/en/education/electives/minor/offer/crossing-borders-educative-minor/>.

4e. Programme Committee

The Programme Committee deals with all matters directly related to the design and quality of education. The members of the programme committee are appointed by the Dean of the faculty. The members are recruited from students and teaching staff members of both the Bachelor's programme Communication Science and the Master's programme Communication Science on an equal basis (50% students and 50% staff members). The most up-to-date composition of the committee can be found at the webpage of the programme committees:

<https://www.utwente.nl/en/bms/education/programme-committee-opsomming/>.

The tasks of the programme committee towards the Education and Examination Regulations (EER):

- Right of consent on (WHW art. 9.18; September 1st 2017):
 - aims and final attainment targets of the programme in terms of knowledge, insight and skills that a student should have acquired at the end of the programme;
 - where necessary the layout of practical exercises;
 - the study load of the programme and its Unit of Study,
- Giving advice on the Education and Examination Regulations (EER):
 - Assessing, on a yearly basis, the manner in which the Education and Examination Regulations (EER) are carried out;
- Giving advice - invited or not invited - to the programme management and the Dean on all matters relating to the teaching in the bachelor of science programme Communication Science.

4f. Examination Board

The Examination Board is the body that determines in an objective and expert manner whether a student meets the conditions set under the Education and Examination Regulations (EER) concerning the knowledge, comprehension and skills required to obtain a degree. Members of the Examination Board are appointed by the Dean of the faculty.

For more information contact the Registry: (053 489) 4796 / 2964 / 8604. More information, including the most up-to-date composition of the Board can be found at the webpage of the Examination Boards: <https://www.utwente.nl/en/bms/examboard/>.

5. Transitional arrangements

There are no arrangements.

6. Regulations concerning the first year

6a Binding Study Recommendation

The UT enforces a binding recommendation for all Bachelor's programmes (see article 6.3 of the EER).

Students in the COM-programme will receive a positive recommendation if they have

1. completed at least three complete modules (45 EC)
- OR
2. completed at least 75% of the first year study load (300 out of 400 percentage points module component weighting factors, as registered in OSIRIS); provided that students have no more than one insufficient module component grade in each *learning-teaching trajectory* (the four learning-teaching-trajectories in the first year are: Project, Theory, Research Methodology and Professional and Academic Skills). See table 2.

The programme board can decide to defer the final recommendation to the second academic year, for instance due to a study switch or personal circumstances. In case of personal circumstances:

1. **Notification:** students should report the study adviser as early as possible their study is or might be delayed. Possibly a study plan will be drawn up. This study plan will be included in the student's BSA file.
2. **Assessment after module 1:** in consult with the adviser, students can apply at an early stage for an assessment of his/her circumstances by the Committee Personal Circumstances (CPO). This is only done in cases for which non-assessment can have a negative influence on the student's personal situation.
3. **Assessment in regular cases:** students should apply for an assessment (in consult with their study adviser) when they cannot meet the BSR standard. They have to submit the application before **30 June 2020**. Depending on the circumstances, the application should be underpinned with supporting documents (see: <https://www.utwente.nl/ces/sacc/en/regulations/bsa/>).
4. **Interview with a study adviser:** students must arrange a meeting with a study adviser before 30 June (the meeting should take place before 15 July 2020). The study adviser can help students to formulate their problem (own written statement) as well as advice on other (financial) regulations that might be applicable.
5. **Recommendation of the CPO:** the Committee Personal Circumstances (CPO) will assess the legitimacy, the expected duration and the severity of the students' personal circumstances and gives a recommendation to the Programme Board (students will receive a copy).
6. **Decision of the Programme Board:** the final binding recommendation (positive, negative or deferred) will be made taken into account the ruling of the CPO. Before this recommendation is finalized, students who receive a negative binding recommendation, can request a hearing.
7. Students can appeal to the central complaints desk against the final decision (see: https://www.utwente.nl/ces/studentervices/en/complaints_desk/)

6b. Period of validity test and test component results (see article 4.7.2 EER)

The period of validity of obtained module components (a so called 'test-result' in OSIRIS) in B1, B2 and B3 modules is unlimited. "Test-result" is understood to mean, a test result that is registered in the Student Information System (SIS). The module components in 2019-2020 are described in section 1a (programme content). Test component results are only valid in the academic year in which they were

obtained unless the module coordinator decides otherwise. Students who partly but not entirely completed a module, have to retake all test components of the tests they did not pass in the next academic year, in the way the test is assigned and assessed in that next academic year.

If a module is substantially changed in design, content or weight of the module components, there will be a transitional arrangement for that module. This could mean that a student has to follow one or more new module components, or even a whole new module because the module components are highly integrated with each other within the module.

Students who have to retake more than one test component to complete a module that they started will have to submit a study plan to the study advisor before the start of the next academic year. This study plan should include a time schedule of their planned study activities per quarter (modules and tests).

7. Regulations concerning the second and third year

7a. Period of validity test and test component results (see article 4.7.2 EER Regulations)

The period of validity of obtained module components (a so called 'test-result' in OSIRIS) in B1, B2 and B3 modules is unlimited. "Test-result" is understood to mean, a test result that is registered in the Student Information System (SIS). The module components in 2019-2020 are described in section 1a (programme content). Test component results are only valid in the academic year in which they were obtained unless the module coordinator decides otherwise. Students who partly but not entirely completed a module, have to retake all test components of the tests they did not pass in the next academic year, in the way the test is assigned and assessed in that next academic year.

If a module is substantially changed in design, content or weight of the module components, there will be a transitional arrangement for that module. This could mean that a student has to follow one or even more new module components. Or even a whole new module because the module components are highly integrated with each other within the module.

Students who have to retake more than one test component to complete a module that they started will have to submit a study plan to the study advisor before the start of the next academic year. This study plan should include a time schedule of their planned study activities per quarter (modules and tests).

8. Additional subjects

8a. Interpretation of article 4.2 (Modules) of the EER

The module coordinator, who is also the module examiner, bears the final responsibility for the tests and test components that contribute to the indivisible exam grade of the module. The module coordinator bears the responsibility for the quality of the tests and for the administration and announcements of the results of tests and test components (in close cooperation with any other examiners involved in the module).

8b. Interpretation of article 8.7 (Hardship Clause) of the EER

When the reason for a student to refer to this article is related to the examination of a module, the request will be treated by the examination board.

When the reason for a student to refer to this article is related to the organization of a module, the request will be treated by the programme director.

8c. Test subject scheme

Premise:

The programme considers it important that the bachelor's students gain experience in empirical research in the role of test subject. This allows them to gain familiarity with different types of research and they can better prepare themselves for their own research activities in the context of their study. With these efforts, students contribute to the research of bachelor's and master's students, and academic staff. Part of the bachelor's exam is a compulsory test subject unit for a total of 15 hours, of which 10 hours must be completed during the first bachelor's year.

Regulations:

1. The students are obliged to participate as a test subject in BMS faculty research for a total of 15 hours. 'BMS faculty research' is understood to mean research that is carried out by or under the responsibility of a lecturer who teaches for the BMS faculty. If the obligation of 10 hours for the B1 is fulfilled, a P for Pass is entered on the list of grades under '192901900 B1 test subject hours'. When the obligation of 5 hours for the bachelor's is fulfilled, a P for Pass is entered on the list of grades at '192902900 B2 and B3 test subject hours'.
2. For passing the first academic year (concerns students of the 2012 group and earlier), 10 hours of these 15 hours must be completed. The remaining 5 hours must be completed before the bachelor examination.
3. The test subject hours must have been completed by taking part in at least five different research projects.
4. The length of participation in a research project is rounded off to 15 minutes with a minimum of 15 minutes.
5. When a student appears at the study as a test subject as agreed, and the research study does not take place, the student will still receive the announced number of test subject hours.
6. When a student does not appear at the study as a test subject as agreed (and has not cancelled before the deadline), 5 credits are deducted as 'penalty points'.
7. Students are deemed to participate seriously in the research and to be motivated in their efforts during an experiment/trial. The researcher may forgo the awarding of test subject points in the event of clear and demonstrable minimal effort on the part of the student.
8. The registration of points proceeds electronically through the 'Sona systems' program at <http://utwente.sona-systems.com/>. Students can view their obtained test subject points themselves using this system.
9. The lecturer or staff member responsible registers the number of obtained test subject hours per research project in 'Sona systems'.
10. The first academic year can only be competed if the compulsory test subject unit is passed.
11. The bachelor's diploma can only be obtained if the compulsory test subject unit of the second and third bachelor's year is passed.
12. Research for which test subject hours can be earned can be made known through either the notice boards in the canteen or through Sona Systems. The recruitment notice must always state the number of test subject hours than can be earned.
13. The research information states where and with whom the student must sign up. The student him/herself is responsible for noting the time, place and contact person (don't forget the room and telephone number!).
14. Any cancellation for an experiment for which a student has signed up, must be effected directly with the contact person for that experiment.
15. The BMS faculty ensures that the number of offered participation opportunities is sufficient. Should a student be of the opinion that their foundation year or bachelor's diploma cannot be

completed because there were insufficient test subject opportunities, they can approach the Examination Board with a request for exemption for the remaining hours.

16. The Ethics Committee of the BMS faculty assesses (if applicable) whether the research meets the rules and standards set down in the faculty's Regulations for Ethics and Research.

8d. Graduation with distinction

1. When a student has demonstrated exceptional ability in their bachelor's exams, this can be stated on the diploma with the words, 'Cum Laude'. Exceptional ability is the case when each of the conditions below is met:
 - a. The weighted average of the exam grades obtained in the B1, B2 and B3 modules for the bachelor's exams (excluding 30 EC for B3 electives) amounts to at least 7.5; or at least three of the maximum five Excellence stars were obtained;
 - b. The final grade for the final study unit (bachelor's thesis) is at least an 8;
 - c. All B1, B2 and B3 modules of the bachelor's exams (excluding 30 ECTS for B3 electives) were assessed with an exam grade of 7 or higher;
 - d. No graded work is redone;
 - e. The modules for which exemption was granted are excluded from the average of the exam grade;
 - f. Exemption is granted for a maximum of one third of the total educational programme;
 - g. The Bachelor's Programme is completed within 3 years.
2. If these guidelines are not fully met, then the chair of the graduation committee may submit to the Examination Board a proposal for awarding the designation of 'with distinction'. In that case, the special circumstances and exceptionality of the achievement must be especially substantiated.