

English translation of the study and examination regulations International Bachelor's degree in Sustainable Resources, Engineering and Management (StREaM), published in the Amtlichen Bekanntmachungen Nr. 21/2021.

In the case of contradictions between the German and the English version of the regulations, the German version applies.

**Study and Examination Regulations for the International
Bachelor's Degree Programme in
Sustainable Resources, Engineering and Management (StREaM)
(Wirtschaftsingenieurwesen und Nachhaltigkeit)
in the Departments of
Engineering and Industrial Design (IWID),
Water, Environment, Construction and Safety (WUBS) and Economics (WI)
at Magdeburg-Stendal University of Applied Sciences
dated 15/07/2021**

On the basis of §§ 13 para. 1, 67a para. 2 no. 3a and 77 para. 2 no. 1 of the Higher Education Act of Saxony-Anhalt (HSG LSA) as promulgated in the version dated 14 December 2010 and most recently amended on 10/01/2021 (German Länder Law Gazette LSA p. 10), Magdeburg-Stendal University of Applied Sciences has enacted the following Study and Examination Regulations:

Contents

<i>I. Study-Related Provisions</i>	7
§ 1 Scope	7
§ 2 Programme objective	7
§ 3 Academic degree.....	8
§ 4 Admission to the programme.....	8
§ 5 Duration and commencement of the programme	9
§ 6 Modular structure.....	9
§ 7 Organisation of the study programme.....	10
§ 8 Types of courses.....	10
§ 9 Academic advising.....	11
§ 10 Individual study plans.....	11
§ 11 Individual part-time studies	11
<i>II. Examination-Specific Provisions</i>	12
§ 12 Board of Examiners	12
§ 13 Examiners and assessors	12
§ 14 Accreditation of prior periods of study, academic achievements and examinations, and knowledge and skills acquired outside of higher education.....	13
§ 15 Domestic and foreign internships.....	14
§ 16 Study semester abroad.....	15
§ 17 Pre-examination assessments	15

§ 18 Types and forms of examinations and records of attendance.....	15
§ 19 Accommodations for disadvantage, statutory protection periods, scope for compensation.....	18
§ 20 Public access to oral examinations	19
§ 21 Registration for examinations during the programme	19
§ 22 Assessment of examinations and grading policy.....	20
§ 23 Repetition of examinations.....	21
§ 24 Free attempt.....	22
§ 25 Supplementary examinations.....	22
III. Bachelor's Degree	22
§ 26 Specification of the Bachelor's thesis topic.....	22
§ 27 Registration and approval to write the Bachelor's thesis	23
§ 28 Submission and appraisal of the Bachelor's thesis	23
§ 29 Bachelor's thesis defence	24
§ 30 Repetition of the Bachelor's thesis and Bachelor's thesis defence	24
§ 31 Cumulative Bachelor's examination result.....	25
§ 32 Academic transcripts and certificates	25
§ 33 Degree certificate	26
IV. Final Provisions	26
§ 34 Access to examination files.....	26
§ 35 Non-attendance, withdrawal, cheating, breach of regulations.....	26
§ 36 Invalidity of examinations.....	27
§ 37 Decisions, appeal procedure.....	27
§ 38 University-wide announcements by the Board of Examiners	28
§ 39 Transitional regulations.....	28
§ 40 Entry into force.....	28
Appendix 1.....	30
Standard Curriculum and Examination Schedule.....	30

I. Study-Related Provisions

§ 1 Scope

- (1) These Study and Examination Regulations govern the objective, content and organisation of the Bachelor's degree programme in Sustainable Resources, Engineering and Management (StREaM) in the Departments of Engineering and Industrial Design (IWID), Water, Environment, Construction and Safety (WUBS) and Economics (WI) at Magdeburg-Stendal University of Applied Sciences.
- (2) The language of instruction is generally English. Modules may be offered in German
 - in the case of compulsory elective modules if there is sufficient possibility of taking the requisite number of compulsory modules in English and
 - in the case of compulsory modules, if the relevant course is also offered in English.
- (3) The programme is an on-campus programme with parts consisting of online teaching and learning.

§ 2 Programme objective

- (1) The objective of the programme is to acquire in-depth specialist knowledge and the ability to work independently in accordance with scientific methods, to become familiar with areas of activity relating to practice, research and development or teaching and to deal with the frequently changing array of tasks in the working world.

The programme conveys specialist knowledge in engineering and economics. In particular, it focuses on the topic of sustainability.

- (2) Graduates will be in a position to identify and analyse problems at the point of contact between engineering and business management and jointly develop solutions to them with others in a team. They will be able to apply suitable concepts and methods and appropriately manage projects, teams and risks.

The particular specialist focus lies on problems and questions relating to sustainable development, that is graduates will be especially well qualified to plan, execute and evaluate projects in the field of sustainability, incorporating different specialist perspectives (economics/industry, ecology, society) in the process and taking into account different cultural contexts.

- (3) The graduates will, on the one hand, have acquired relevant basic engineering and business knowledge, and on the other hand will be able to recognise and understand the guiding principles of sustainable development and their importance for the economy/industry, the environment and society in Germany as well as worldwide.

Moreover, they will be in a position to successfully communicate, cooperate and collaborate – on an interdisciplinary, intercultural and international basis and using digital tools – as well as to identify obstacles and misunderstandings and deal with them constructively.

They will be able to reflect upon their development of personal competencies, evaluate their learning progress and be in a position to continually develop and extend their knowledge and/or to specialise.

- (4) The programme contains compulsory modules that will assist in acquiring expertise in German as a Foreign Language (DaF). After successfully completing these modules, the graduates will have reached level B2 of the Common European Framework of Reference

for Languages (CEFR). German native-speakers or students who already have the relevant German language skills will acquire comparable skills in another foreign language that is not the language of instruction (English).

- (5) Graduate career prospects include working in industry or service sector companies or in the public sector:
- in the initiation and implementation of sustainable production and product design processes with a focus on the responsible use of resources and energy
 - in functions at the contact point between engineering and economics, e.g. in sales, in product development and in quality and environmental management.

(Further) professional profiles include, for example, project manager, product owner, compliance manager or management consultant.

Possible deployment locations include German companies and their sites in Germany/worldwide, foreign companies and also the consulting services sector. The international programme in Sustainable Resources, Engineering and Management (StREaM) opens up a wide variety of professional opportunities both in Germany and abroad.

§ 3 Academic degree

After successful completion of the module examinations including the Bachelor's thesis and defence, Magdeburg-Stendal University of Applied Sciences will award the academic degree of

“Bachelor of Engineering”,
abbreviated: **“B. Eng.”**.

§ 4 Admission to the programme

- (1) University admission requirements for a degree programme are regulated by the Higher Education Act of Saxony-Anhalt (HSG LSA).
- (2) Beyond paragraph 1, the following is required to be met as a further admission criterion that is intended to allow for the special requirements of the programme:

Proof of English language skills at higher education entrance qualification level. This corresponds to level B2 of the Common European Framework of Reference for Languages (CEFR).

The proof of language skills can be provided through the German university entrance qualification, provided that this is able to show sufficient knowledge of the English language.

For all other applicants, the language skills must be evidenced by an internationally recognised language certificate or equivalent proof.

In the case of university entrance qualifications from Australia, Great Britain, Ireland, Canada, New Zealand or the United States or a degree programme completed there, no additional evidence of English language skills is required. The same applies to any other degree programme completed in the English language.

Otherwise the language skills must be demonstrated by one of the following tests:

- TOEFL (Test of English as a Foreign Language), iBT 72-94 points
- IELTS (International English Language Testing System), 5.0 points
- telc B2 – certificates

- UNiCert II
 - Cambridge First Certificate in English (FCE) or
 - equivalent certificates.
- (3) In the case of applicants with foreign qualifications, German language skills are desirable. In the case of students with German qualifications, knowledge of a foreign language is desirable (except for English, which is the language of instruction).
- (4) Decisions on individual cases will be made by the Board of Examiners.

§ 5 Duration and commencement of the programme

- (1) The course of studies is organised as a full-time programme so that, including the Bachelor's thesis and defence, it can be successfully completed within the standard period of study of 7 semesters.
- (2) If, in individual cases, part-time study is agreed upon, the standard period of study shall be a maximum of 13 semesters. §§ 11 and 19 provide further details on this.
- (3) The course is generally scheduled to begin in the summer semester.

§ 6 Modular structure

- (1) The programme is divided into modules. The modules consist of thematically self-contained study units. Modules are generally concluded with an examination, the result of which contributes to the final degree classification. Examinations are taken alongside the respective modules, either during or at the end.

In accordance with the European Credit Transfer System (ECTS), a certain number of credits will be awarded at the end of each successfully completed module.

The awarding of credits does not necessarily require an examination, but rather the successful completion of the relevant module (record of attendance). More specific details are provided by § 18 para. 20.

- (2) The number of credits is governed by the average workload required of the students for the respective module. Pursuant to the Common Structural Specifications of the Länder for the Accreditation of Bachelor's and Master's Degree Programmes, under the European Credit Transfer System (ECTS) one credit corresponds to a workload of 25 to 30 hours and includes participation in classes, preparatory and follow-up work, private study, preparation for examinations and the successful completion of coursework and examinations. Only whole credits can be awarded. The content of a module must be fixed in such a way that as a rule it can be conveyed within a semester or a year. If studying full time, 30 credits must be obtained per semester. This corresponds to a workload of 750 to 900 hours per semester.
- (3) The modules must be divided into compulsory, compulsory elective and voluntary elective modules.
- (4) The designation 'compulsory modules' applies to all modules which are required for the successful completion of the programme in accordance with the Examination and Study Regulations.
- (5) The designation 'compulsory elective modules' applies to all modules, which the students are able to select from a certain number of modules as prescribed by the Standard Curriculum and Examination Schedule. Within the chosen course of studies, these modules facilitate the pursuit of individual inclinations and interests while simultaneously allowing

for the development of field-related knowledge in the students' subsequent field of employment.

Students must register for a compulsory elective module no later than 30 June (for the following winter semester) or 31 January (for the following summer semester) in the Service Office of the Department of Engineering and Industrial Design. For a module to be offered, a minimum participation of 5 students is required.

Upon written application by the student to the Board of Examiners, in agreement with the programme leader / academic advisor, modules from other programmes may be approved as compulsory electives.

- (6) All modules that the students complete by their own choice in addition to the compulsory and compulsory elective modules that form part of the range of modules offered by Magdeburg-Stendal University of Applied Sciences are designated 'voluntary elective modules'. Students are free to take examinations in these voluntary elective modules. More specific details are provided in § 25.

§ 7 Organisation of the study programme

- (1) Depending on the compulsory elective modules taken, the total amount of time needed to successfully complete the courses required by the degree programme amounts to between 115 and 121 weekly hours per semester. A total of 210 credits must be obtained to successfully complete the degree programme, whereby 1 credit equates to a workload of 30 hours. For this reason, it is necessary to pass the compulsory modules and a certain number of compulsory elective modules. The modules, their recommended distribution across the semesters, the number and types of courses, the examinations that must be taken and the allocation of credits to the individual modules can be found in the Standard Curriculum and Examination Schedule contained in the appendix.
- (2) As long as evidence has been provided that the requirements for admission to the given examination have been satisfactorily met, the module exams may be taken before the end of the semester indicated in the Standard Curriculum and Examination Schedule.
- (3) The Bachelor's examination consists of the module examinations taken during the programme and the Bachelor's thesis module and defence.
- (4) The standard study duration includes an internship phase in Germany or abroad in each of the 6th and 7th semesters. It is possible to undertake a study semester abroad. §§ 15 and 16 apply accordingly.

§ 8 Types of courses

- (1) Courses can be offered in the form of lectures, seminar-style lectures, seminars, recitations, colloquia, laboratory practicals, projects and field trips, and combinations thereof.
More specific details are given in the Standard Curriculum and Examination Schedule.
- (2) Through comprehensive and systematic presentations, lectures impart fundamental technical, theoretical and methodological knowledge on a specific subject.
- (3) Seminar-style lectures systematically and cohesively convey fundamental technical, theoretical and methodological knowledge and are used to explore theoretical and practical questions.

- (4) In seminars, students and professors work together to analyse and evaluate theoretical and practical issues. This may be done in a variety of forms (information presentations, disquisitions, developing hypotheses, discussions) both individually and in groups.
- (5) Recitations permit students to acquire fundamental methods and skill sets.
- (6) In colloquia, students and professors engage in more thorough academic debate on selected issues.
- (7) Field trips facilitate observation and information-gathering and direct contact with on-site practical work.
- (8) Projects are used to develop skills for independent scientific work and for finding practical solutions to integral problems. Projects are carried out in groups.
- (9) Laboratory practicals provide an opportunity to practise the application of skills acquired during studies.
- (10) It is not compulsory to attend the courses. Wherever the type and content of a course means that a student's physical attendance is required, this must be indicated in the Standard Curriculum and Examination Schedule.

§ 9 Academic advising

The Department of Engineering and Industrial Design offers academic advising that in particular deals with the progression of studies, applying individually for part-time studies, the choice of modules and problems that may lead to significantly exceeding the standard study duration.

§ 10 Individual study plans

- (1) Individual study plans are possible in principle. The point of contact for students wishing to draw up an individual study plan is the programme leader / academic advisor.

Individual study plans are used to achieve the successful completion of the study programme within or in excess of the standard study duration.

- (2) They are agreed with students who, in particular,
 - are undertaking individualised part-time studies,
 - are, due to a longer-lasting or chronic illness, a disability, a pregnancy, caring responsibilities or another personal reason, unable to observe the semester requirements for the modules pursuant to the Standard Curriculum and Examination Schedule,
 - or who, in spite of fulfilling admission requirements, are lacking previous knowledge in one or more modules.

§§ 11 and 19 and the Framework Regulations for Individual Part-time Studies at Magdeburg-Stendal University of Applied Sciences apply accordingly.

§ 11 Individual part-time studies

Students who are not in a position to undertake full-time studies may apply to draw up an individual part-time study plan upon enrolment or re-registration.

This is covered in greater detail by the Framework Regulations for Individual Part-time Studies at Magdeburg Stendal University of Applied Sciences.

II. Examination-Specific Provisions

§ 12 Board of Examiners

- (1) For the organisation of the examinations and to ensure that the tasks arising from these Study and Examination Regulations are fulfilled, a Board of Examiners shall be set up from the members of the Departments of Engineering and Industrial Design (IWID), Water, Environment, Construction and Safety (WUBS) and Economics (WI). This consists of 5 members, 3 of whom are professors, one a research assistant/adjunct professor, and one a student representative. The members of the Board of Examiners are elected by the members of the Departmental Councils of the Departments of Engineering and Industrial Design (IWID), Water, Environment, Construction and Safety (WUBS) and Economics (WI). The members of the Board of Examiners elect the chairperson and deputy chairperson from among their number. They shall be members of the cohort of professors. The research assistant/adjunct professor and student groups may each elect one deputy. The student representative may only act in an advisory capacity with regard to examination decisions.
- (2) The Board of Examiners ensures that examinations are carried out and that the provisions of the Study and Examination Regulations are adhered to. The Board of Examiners reports regularly to the Departmental Councils of the Departments of Engineering and Industrial Design (IWID), Water, Environment, Construction and Safety (WUBS) and Economics (WI) about its activities and makes suggestions concerning the further development of the programme. In the process, special emphasis is placed on compliance with the standard study duration.
- (3) The Board of Examiners makes its decisions on the basis of a majority vote. Abstention from voting is not permissible. If votes are tied, the chairperson shall have the casting vote. If the chairperson is absent, then his or her deputy shall have the casting vote. The Board of Examiners constitutes a quorum when the majority of its members, of whom at least two must be members of the group of professors, are present.
- (4) The term of office of the members of the Board of Examiners is four years, with student incumbency limited to one year.

Re-election is possible.
- (5) The essential matters for discussion and the decisions of the Board are to be recorded in the minutes.
- (6) In individual cases, the Board of Examiners may transfer specifically determined powers revocably to the chairperson. The chairperson prepares and executes the resolutions of the Board of Examiners, and regularly reports to it on his or her activities.
- (7) The members of the Board of Examiners have the right to participate as observers during the holding of examinations.
- (8) At the beginning of each semester, the Board of Examiners determines the examination schedule for the oral and written examinations.
- (9) The members of the Board of Examiners are bound to maintain confidentiality. If they are not public service employees, members must make a pledge of secrecy to the chairperson.

§ 13 Examiners and assessors

- (1) The Board of Examiners appoints the examiners and assessors. Only members and associates of this or another university who possess the necessary qualifications to teach

independently on the examination module in question are authorised to be examiners. Professors and research assistants/adjunct professors, provided that they undertake teaching duties, teaching staff and persons experienced in professional practice and education are authorised and obliged to hold university examinations. People may only be appointed as examiners and/or assessors if they possess at least the qualification that is subject to examination or an equivalent qualification.

- (2) University examinations and examinations taken during the programme which must be passed in order to continue the programme, must generally be assessed by two examiners. Written degree theses must be assessed by at least two examiners. Oral examinations must be taken by several examiners or by one examiner in the presence of an expert assessor. The assessor does not have the rights of an examiner to ask questions or grade the examination candidate.

If the Board of Examiners determines that, taking into consideration all those authorised to be examiners or assessors pursuant to paragraph 1, there are examiners or assessors who, because of additional undue burdens and in consideration of their normal professional responsibilities, it would be inappropriate to appoint, or when two examiners are not available for the examination date in question, it may resolve that only one examiner may grade the written exam concerned. This resolution must be communicated to the students when registering for the examination.

- (3) Students may propose examiners for the oral examinations and Bachelor's thesis. Their proposals shall not be binding.
- (4) The examiners are independent in carrying out their examination duties.
- (5) The examiners are normally the professors for the module in which the examination is to be taken, provided that they are duly authorised examiners pursuant to para. 1. Should this not be the case, the Board of Examiners shall specify the examiners and ensure that the students are notified in due time.
- (6) § 12, para. 9 applies accordingly to examiners and assessors.

§ 14 Accreditation of prior periods of study, academic achievements and examinations, and knowledge and skills acquired outside of higher education

- (1) Upon written application, the Board of Examiners may decide upon the accreditation of a student's prior periods of study, academic achievements and examinations. The application is to be addressed to the Board of Examiners of the respective department within four weeks from the beginning of the relevant programme of studies. For purposes of accreditation, students must present the necessary original documents or certified copies thereof. If these were not issued in either German or English, a certified German translation must be provided.
- (2) Any periods of study and academic achievements and examinations (qualifications) obtained at other (domestic and foreign) universities will be recognised when commencing or resuming a degree programme or taking examinations, provided that there are no significant differences in terms of content, scope and requirements to the skills and knowledge to be demonstrated at the admitting university. Rather than being based on a schematic comparison, a holistic consideration and assessment shall be conducted. Conditional recognition is possible. The university bears the burden of proof. The recognition of an examination may be refused if for this examination at the university of the enrolled student there is already a legal examination relationship in place, or an examination has been definitively failed. If recognition is denied, the university must state the reason.

For the recognition of periods of study completed and university qualifications obtained at universities outside the Federal Republic of Germany, due regard must be given to the Lisbon Convention of 11 November 1997, the equivalence agreements approved by the Standing Conference of the Ministers of Education and Cultural Affairs of the German Länder and by the German Rectors' Conference, and agreements reached in the context of university partnerships. As long as it is already being applied by both parties, the basis of valuation is the European Credit Transfer System (ECTS).

- (3) Where grading systems are comparable, grades will be adopted in accordance with § 22 and used in calculating the cumulative grade in accordance with § 31.
- (4) Knowledge and skills acquired outside of higher education may be taken into account for a university degree, if
 1. the requirements applicable for access to university have been met and
 2. the knowledge and skills to be taken into account are equivalent to the academic achievements and examinations that they are to replace.

In total, knowledge and skills acquired outside of higher education may not replace more than 50% of the university course content. The Board of Examiners shall adjudicate regarding such accreditation upon written request. Using the documentation submitted, the Board shall consider if, and to what extent, the content and level of the qualifications are equivalent to parts of the course of studies and thus if and to what extent they may replace them.

The type and scope of accreditations of skills and knowledge obtained outside of higher education for a degree programme must be identified in the diploma supplement.

§ 15 Domestic and foreign internships

- (1) The degree programme contains an internship phase in each of the sixth and seventh semesters, which may be completed either in Germany or abroad.
- (2) The first internship phase either in Germany or abroad (6th semester) comprises a full-time employment position lasting 10 weeks. It is generally completed in a company or institution with relevance to the degree programme. An internship / practical report must be completed by the student. This shall be assessed but not graded. § 22 applies accordingly. For successful completion, 15 credits are awarded.
- (3) In order to be admitted to the first internship phase either in Germany or abroad (6th semester), students must provide evidence of the successful acquisition of at least 130 credits from the Bachelor's degree module examinations.
- (4) The first internship phase in Germany or abroad (6th semester) may also be carried out as a study period abroad pursuant to §16.
- (5) In the 7th semester, the degree programme contains a second internship phase in Germany or abroad. It comprises full-time employment of 12 weeks' duration and is generally completed in a company or institution with relevance to the degree programme. An internship / practical report must be completed by the student. This shall be assessed but not graded. § 22 applies accordingly. For successful completion, 18 credits are awarded.
- (6) In order to be admitted to the second internship phase either in Germany or abroad (7th semester), students must provide evidence of the successful acquisition of 160 credits from the Bachelor's degree module examinations. If the two internship phases in the 6th and 7th semesters are combined, proof of the acquisition of 130 credits from the Bachelor's degree module examinations pursuant to para. 3 shall suffice.

- (7) Decisions in individual cases shall be made by the Board of Examiners upon application.
- (8) If, due to a prolonged or permanent illness or disability or a pregnancy, a student is unable to undertake full-time employment in the prescribed form, in accordance with § 11 the Board of Examiners must provide him or her with the opportunity to make arrangements to complete this requirement on a part-time basis. § 19 applies accordingly.
- (9) More specific regulations can be found in the Internship Regulations.

§ 16 Study semester abroad

- (1) No specific provision is made for a study semester abroad, but it is desirable.
- (2) Before the start of the study period abroad, the student and a representative of the Board of Examiners and a lecturer from the host university must compile a Learning Agreement that sets out the type, content and scope of the modules intended for accreditation.
- (3) The online study components contained in the Standard Curriculum and Examination Schedule for the 6th semester cannot be replaced by modules at the host university; they must be completed as specified.
- (4) Students who acquire at least 25 credits during their studies at the foreign university will have a full semester recognised (in the scope of up to 30 credits). The modules thus recognised will be graded as “successfully completed”. The foreign grades shall not be converted.

§ 17 Pre-examination assessments

In accordance with the Standard Curriculum and Examination Schedule, no pre-examination assessments need be taken.

§ 18 Types and forms of examinations and records of attendance

- (1) During the programme the following types of examination are possible:

- 1st Written examination (WE) (paragraph 3)
- 2nd Oral examination (OE) (paragraph 4)
- 3rd Term paper (TP) (paragraph 5)
- 4th Design project (DP) (paragraph 6)
- 5th Experimental coursework (EC) (paragraph 7)
- 6th Disquisition (D) (paragraph 8)
- 7th Internship / Practical report (IR) (paragraph 9)
- 8th Presentation (Pre) (paragraph 10)
- 9th Project report (PR) (paragraph 11)
- 10th Fact sheet (F) (paragraph 12)
- 11th Submitted assignment (SA) (paragraph 13)
- 12th Seminar contribution (SC) (paragraph 14)
- 13th Portfolio (Po) (paragraph 15)
- 14th Language examination (LE) (paragraph 16)
- 15th Performance record (paragraph 17)
- 16th Attendance record (AR) (paragraph 20)

- (2) Forms of examination are:

- Oral examinations: e.g. oral examinations pursuant to para. 4, disquisitions

- Written examinations: e.g. written examinations, term papers, portfolios, project/internship reports
- Practical examinations

Examinations may be undertaken in accordance with the specifications of the Board of Examiners online or in electronic form.

- (3) In a written examination, to be completed in a limited time with limited means of assistance and under invigilation, students are required to demonstrate their comprehension of a problem and their ability to find ways of solving it using the standard methodology within the specific field. A written examination must be completed in at least 60 minutes, but no longer than 180 minutes.
- (4) In an oral examination, students should be able to demonstrate a coherent knowledge of the subject area being examined and the capacity to classify and relate complex issues to this subject background. The oral examination may be held individually or in a group. More specific details are provided in paragraph 19.

In general, the length of the examination for each student is between 15 and 30 minutes. The essential points of the examination and its grading must be recorded in writing. This record must be signed by the examiners and the assessors. The result of the examination is to be made known to the student directly following the oral examination.

- (5) A term paper requires an experimental, empirical or theoretical approach to a specific assignment from within the field of study. The assignment should be set in such a manner that it can be completed within 2 to 4 weeks. Students are free to propose topics and tasks for their papers. These proposals are not legally binding. In appropriate cases the solutions developed may be presented orally in a form typically used in the professional field in question.

If students are overburdened with other coursework, the length of time given for the presentation of the paper may be extended only once upon written application by up to one half.

An attempt abandoned because of unduly long illness will not be counted towards the permissible number of repetitions.

If the term paper is not submitted by the deadline without a reason acknowledged by the Board of Examiners, it shall be assessed as “insufficient” or “unsuccessfully completed”. § 23 applies accordingly to any repeat attempt.

- (6) A design project involves addressing a subject-specific or interdisciplinary assignment from the perspective of conceptual and constructive design, giving special consideration to planning aspects such as the exposition and explanation of the solutions developed in a manner suitable to the respective professional field. Paragraph 5 applies accordingly.
- (7) Experimental coursework comprises in particular:
 - the theoretical preparation of experiments
 - the design and execution of experiments
 - the written presentation of the steps in the experimental procedure and the results of experiments as well as critical appraisal of them.

Paragraph 5 applies accordingly.

- (8) A disquisition encompasses:

- an independent and thorough written examination of a problem from within the context of the course of studies which takes into account and evaluates relevant literature, as well as
- presentation of the work and communication of the results in an oral presentation and in the ensuing discussion.

In general, the assignment should be set in such a manner that it can be completed within a period of 2 to 4 weeks.

- (9) The internship / practical report is intended to demonstrate that the student is in a position to conduct independent scientific work on a topic in the major field of study of the relevant internship phase. This shall be assessed but not graded pursuant to § 22. More specific regulations can be found in the Internship Regulations.
- (10) A presentation encompasses the treatment of a subject-specific or interdisciplinary assignment from a conceptual and constructive point of view; it will be presented, explained and defended using modern media.
- (11) A project is completed with a project report. This comprises the scientific analysis or treatment of a project topic with the application of methods and theories, concept development, presentation and explanation of the project outcomes and evaluation of and reflection upon the project work. By working on a project and with their project report, students will demonstrate their capacity to produce scientific work independently as well as to work in a team. The project report may be produced by several students working together. More specific details are provided in paragraph 19.
- (12) A fact sheet is a summary overview of focal points and facts based on a theme. These are presented concisely and with an attractive layout including tables and illustrations.
- (13) The tasks for the submitted assignments are formulated by the lecturers or the relevant courses. Students generally receive 4 groups of questions that must be answered on a maximum of 2 pages per question. The questions should be set so they can be completed within 2 to 4 weeks. Paragraph 5 applies accordingly.
- (14) A seminar contribution demonstrates the active participation in a course over and above oral participation through the preparation of a (spoken) contribution, record, position paper, instruction for a practical exercise, poster presentation or similar. This shall be assessed but not graded pursuant to § 22.
- (15) In a portfolio, students reflect upon and document their achievements. The module may contain an oral examination, in which selected aspects of the portfolio and the associated areas of knowledge are presented and discussed on a theoretical basis and/or debated on a practically-founded basis. The examination arrangements are specified at the start of the module by the lecturer and communicated to the students.
- (16) With a language examination, the written and oral communication skills and the written and aural understanding of the respective language must be demonstrated. A language examination consists of a written and an oral part. The written part may, for example, be implemented in the form of an invigilated written exam. The basis of the oral part of the assessment may, for example, be a disquisition or presentation. The type of written and oral examinations will be specified at the start of the module by the lecturer and communicated to the students. This shall be assessed but not graded pursuant to § 22.
- (17) A performance record consists of different partial assessments, which must be produced in the form of written or oral tests, written compositions, disquisitions, presentations or minuted practical achievements. The type, scope and weighting of the partial assessments will be communicated by the responsible lecturer by no later than the first class.

The performance record should make it possible for students to complete different academic assessments continuously and in different ways within the framework of the courses of a module. The results of these assessments are summarised by the lecturer to produce one numerical grade and communicated to the examinations office.

- (18) The examiners determine the task assignment for the examinations. If the examiners cannot come to an agreement, the Board of Examiners will take over the responsibility.
- (19) Suitable types of examinations can also take place in the form of a group project. The contribution of each individual must fulfil the examination requirements. Joint work, as a rule, has cooperative and collaborative parts. The contribution of each individual must be clearly definable on the basis of objective criteria, and it must be possible to evaluate it by itself. The group size is generally limited to four students. The arrangements for the assessment (graded, ungraded, individual performance, group performance) will be determined by the lecturers and communicated to the students at the beginning of the module.
- (20) An attendance record (AR) will provide evidence of the regular and active participation in the module classes and proof of the successful completion of the relevant module. An attendance record is not graded.

The requirement for the successful completion of a module is the full and unlimited participation in at least 80% of the classes in the module and the completion of the achievements defined in the respective module description.

A record of attendance will be drawn up after the completion of the module by the lecturer if the performance attained complies with the requirements set out at the start of the module. §§ 6 paras 1 and 19 apply accordingly. The Board of Examiners can make decisions in individual exceptional cases.

- (21) The type and scope of individual module examinations taken during the programme and/or the attendance records can be found in the Standard Curriculum and Examination Schedule appended to these regulations.

§ 19 Accommodations for disadvantage, statutory protection periods, scope for compensation

- (1) If students are able to credibly demonstrate through a doctor's certificate or other suitable form of evidence that, due to a chronic disease or disability pursuant to § 3 of the law concerning the equality of disabled people (Act on Equality for Persons with Disabilities - BGG) or a pregnancy, they are unable to fully or partially complete their examination(s) in the prescribed manner or within the prescribed deadline, they must be granted an adequate and appropriate compensation for their disadvantage.
- (2) The protective provisions in accordance with the law on the protection of mothers at work, education and studies (Maternity Protection Act) and in accordance with the law on parental benefits and leave (Parental Allowances and Parental Leave Act), parental leave periods as well as, in accordance with the Care Leave Act and in accordance with the Family Care Leave Act, periods for times of actual caring for a close relative must, when applying these Study and Examination Regulations and in particular when calculating deadlines, be taken into account appropriately and their use must be facilitated. The Board of Examiners must make a ruling based on the facts of the case.

During a leave of absence granted on the grounds of family responsibilities, students are free to continue with their studies and examinations. Upon written application to the Board of Examiners, the repetition of a failed examination during the leave of absence is admissible.

- (3) Accommodations should be made for students with caring duties. Students with caring duties include, in particular, those with children under the age of 18 and students undertaking caregiving for relatives or other close associates. Caring duties can be verified with the help of the pass for compensation of extra burdens (KomPass) or other suitable proof (e.g. certificates of birth, adoption or fostering, proof of caring duties from a doctor or care services).
- (4) For students in accordance with paragraphs 1 to 3 accommodations for disadvantages should be made available whilst retaining the examination requirements in terms of content. The pass for compensation of extra burdens (KomPass) and, where necessary, additional documents may be used as proof. This is covered in greater detail by the regulations governing the compensation of specific burdens on students at Magdeburg Stendal University of Applied Sciences

§ 20 Public access to oral examinations

As long as they themselves are not registered to take the same examination, students who have yet to successfully complete the respective examination may be present at the oral examinations as observers (§ 18, para. 4). This does not extend to the counselling and notification of students as to their examination results. Upon application to the examiners by a student taking the examination, the observers pursuant to sentence 1 may be excluded.

§ 21 Registration for examinations during the programme

- (1) Being enrolled at Magdeburg-Stendal University of Applied Sciences is a prerequisite for registering for examinations during the programme.
- (2) Students are automatically registered for the compulsory module examinations stipulated in the Standard Curriculum and Examination Schedule for the current programme semester. The possible forms of examination in each module are set out in the current version of the Standard Curriculum and Examination Schedule. Students who do not yet wish to sit an examination must notify the university of their withdrawal by means of the Online Service for Students no later than one week before the respective examination date. Paragraph 4 applies accordingly.
- (3) Notwithstanding paragraph 2, the students themselves must register for delayed or repeat examinations and examinations in compulsory elective or voluntary elective modules via the Online Service for Students. If they wish to withdraw from an examination, this must be done no later than one week before the relevant date via the Online Service for Students.
- (4) If a student fails to sit the examination without having given notice of withdrawal, the exam shall be deemed to have been taken and failed. In the event of withdrawal, the student is responsible for re-registering for the examination at a later date by means of the Online Service for Students.
- (5) In cases of non-compliance with the registration deadline, admission to the examination is not permitted unless the Board of Examiners decides otherwise in response to a written application from the student.
- (6) Registration and therefore admission to an examination must be refused if:
 1. the admission requirements are not met, or
 2. the student's documents are incomplete, or
 3. the examination has been definitively failed or is deemed to have been definitively failed.

The Board of Examiners will decide whether or not to admit the student. Pursuant to § 38, refusal of admission shall be communicated in writing.

§ 22 Assessment of examinations and grading policy

- (1) Each examination is evaluated and graded by the respective examiner. In the case of written examinations, the grade must be announced via the online portal of the university no later than four weeks after the examination was taken, taking data protection considerations into account.
- (2) The following grades are to be used for the assessment of examinations:

Numerical grade	Grade	Description of performance
1	sehr gut (very good)	an outstanding performance
2	gut (good)	a performance which is significantly above-average
3	befriedigend (satisfactory)	performance which meets the average requirements
4	ausreichend (sufficient)	a performance which, in spite of deficits, is considered to be sufficient
5	insufficient	a performance which, because of substantial deficits, does not meet requirements

For the sake of greater differentiation, individual numerical grades may be raised or lowered by 0.3, with the exception that the numerical grades 0.7, 4.3, 4.7 and 5.3 may not be awarded.

When examinations are designated for assessment without grading, the assessment result is either "successfully completed" or "not successfully completed".

The type of assessment can be found in the appended Standard Curriculum and Examination Schedule.

- (3) An examination is considered to have been passed if it has been assessed as at least "sufficient". If the examination is assessed by several examiners, the average of their numerical grades shall be used to determine the final numerical grade. In this case, deviating from the regulation stipulated in para. 2, the numerical grade awarded for the examination corresponds to the arithmetic average of the individual numerical grades awarded by the examiners, cut off after the first decimal place. A non-graded exam has been passed successfully if it has received the assessment result "successfully completed". If the non-graded exam is assessed by several examiners, it has been passed successfully if all of them deem it to have been "successfully completed".
- (4) A module examination is considered to have been passed when all required examinations have at least received a grade of "sufficient".

If a module examination comprises only one exam, the numerical grade for the module corresponds to the numerical grade awarded for the exam.

If a module examination comprises several exams, notwithstanding the provision set out in paragraph 2, the numerical grade awarded for the examination corresponds to the arithmetic average (if necessary weighted) of the individual numerical grades awarded by the examiners, cut off after the first decimal place.

The weightings assigned to the individual modules or examinations can be ascertained from the appended Standard Curriculum and Examination Schedule or in general derived from the relative share of credits.

A module examination is also deemed to have been passed if all of the necessary un-graded examinations have been assessed as having been “successfully completed”.

- (5) When arriving at a numerical grade by averaging, only the first decimal place following the point will be considered; all other decimals will be ignored.

Grading structure:

With an average numerical grade of	Grade
up to 1.5	sehr gut (very good)
1.6 up to and including 2.5	gut (good)
2.6 up to and including 3.5	befriedigend (satisfactory)
3.6 up to and including 4.0	ausreichend (sufficient)
4.1 or below	insufficient

§ 23 Repetition of examinations

- (1) Examinations which do not receive a passing grade or are considered to have been failed can be repeated once. The repeat attempt is only permissible within 12 months of the notification of failure of the examination via the online portal of the university taking into account data protection regulations, provided that the student has not been granted an extension to this deadline owing to particular circumstances beyond his or her control. The repeat examinations are offered each semester by the department or departments concerned. §§ 21 and 22 apply accordingly for the registration and evaluation.

If the time limit is not observed, the examination shall be deemed to have been definitively failed. § 31 para. 4 applies accordingly.

- (2) A second repetition of an examination, generally held on the subsequent regular examination date, is admissible in justifiably exceptional cases and as long as there is sufficient likelihood of successfully passing the exam. Upon written application by the student, the Board of Examiners may fix an earlier date in agreement with the candidate. A second repetition is only admissible for a maximum of 4 examinations during the entire degree programme.
- (3) The second repetition of an examination is to be applied for and justified before the Board of Examiners in written form within the six-week cut-off period immediately following notification of having failed the first repetition.
- (4) An exceptional case in terms of paragraph 2 is constituted by undue burdens or health limitations which caused the student to fail the first repetition of the examination.
- (5) § 22 applies accordingly for the evaluation of a successfully completed second repetition of an examination.
- (6) Unsuccessful attempts at passing an exam from the same or a comparable course of studies at another university within Germany should be counted towards the total permissible number of repetitions.
- (7) It is not possible to repeat an examination that has already been passed.

§ 24 Free attempt

There is no provision for a free attempt at any examination.

§ 25 Supplementary examinations

- (1) Students also have the opportunity to take examinations in modules other than those prescribed in the Standard Curriculum and Examination Schedule appended to these regulations.
- (2) The results of supplementary examinations can be included in a certificate upon application by the student. The results of supplementary examinations are not taken into consideration when calculating average numerical grades and when determining the cumulative numerical grade.

III. Bachelor's Degree

§ 26 Specification of the Bachelor's thesis topic

- (1) The Bachelor's thesis is an independent academic paper which is to be submitted in writing and defended orally. The Bachelor's thesis should demonstrate that students are capable of working independently and in a scientific manner within a given time frame on a specific subject in their chosen field of studies. The topic and task of the Bachelor's thesis must correspond to the purpose of the examination as well as the required period of time.

The topic for the Bachelor's thesis and defence must be specified in a timely manner so that it can be finished within the standard study duration.

The Bachelor's thesis must be written in English and may be written in German in agreement with the first examiner. Only upon application to the Board of Examiners and with their approval are other languages permissible. The application is not legally binding.

- (2) Students should be given the opportunity to make proposals for the topic and task of the Bachelor's thesis. Whenever possible, a student's proposal should be accommodated. The proposal shall not be legally binding. Upon application, the Board of Examiners will ensure that students receive a topic for their thesis in a timely manner.
- (3) The topic is specified by the first examiner in agreement with the student, generally at the beginning of the 7th semester. The second examiner is appointed once the topic has been set. During the writing of the thesis, students will be supervised by their first examiner. Details of the topic, the examiners and the time allowed for completion must be put on official record.
- (4) The topic of the Bachelor's thesis may be set by any of the professors in the Departments of Engineering and Industrial Design (IWID), Water, Environment, Construction and Safety (WUBS) or Economics (WI). With the approval of the Board of Examiners, professors who are not members of these departments may set the topic. The topic may also be set by other approved examiners pursuant to § 13 para. 1; in this case, as a rule the second examiner must be a professor from the Department of Engineering and Industrial Design (IWID), Water, Environment, Construction and Safety (WUBS) or Economics (WI). The Board of Examiners can make decisions in individual exceptional cases.
- (5) The Bachelor's thesis can be completed as a group thesis. The contribution of each individual student must meet the examination requirements as per paragraph 1 and be clearly discernible and assessable on the basis of sections, pages or other objective criteria. The group size is limited to 3 students.

- (6) The topic, task and scope of the Bachelor's thesis should be kept within suitable limits so that it can be completed within the set time frame. The completion time for the Bachelor's thesis is 10 weeks.

The completion time, even if there are several reasons for doing so, may only be extended by a maximum of 10 weeks.

An extension to the time allowed for completion may be granted:

1. in the event of the student suffering an illness that is confirmed by a doctor with a certificate of incapacity for the duration of the illness, and for a maximum of 10 weeks,
2. in the event of extra burdens on the student proven by the KomPass pursuant to § 19, for a maximum of 10 weeks,
3. on an individual basis and with the written approval of the first examiner for reasons beyond the student's control, for a maximum of 10 weeks.

The written application for an extension to the completion time must be made to the Board of Examiners by the student by no later than the expiry of the original completion time.

An attempt abandoned because of unduly long illness will not be counted towards the permissible number of repetitions.

Pursuant to sentence 2, the topic can only be returned once and only within the first third of the completion period.

The new topic for the Bachelor's thesis will be issued in a timely manner, generally within three months.

§ 27 Registration and approval to write the Bachelor's thesis

- (1) Students must register in writing with the Board of Examiners to write their Bachelor's thesis. The following must be appended to the registration:
- a topic proposal,
 - the names of the examiners and their confirmation signatures
 - if necessary, an application for permission to write a group thesis.

The Board of Examiners shall decide upon the approval to write the Bachelor's thesis.

- (2) Only persons who are enrolled at Magdeburg-Stendal University of Applied Sciences on the programme in Sustainable Resources, Engineering and Management (StREaM) and who are able to demonstrate that they have acquired at least 170 credits from the Bachelor's programme module examinations will be permitted to write their Bachelor's thesis, whereby the modules prescribed for completion during the first four semesters must have been successfully completed.

§ 28 Submission and appraisal of the Bachelor's thesis

- (1) Upon submission of a Bachelor's thesis, a student must guarantee in writing that their thesis – or their identified section in the case of a group thesis – has been written individually and that no other sources or aids have been used other than those cited, and that the thesis has not previously been assessed on another Bachelor's degree programme as a Bachelor's thesis.
- (2) The Bachelor's thesis must be submitted to the Service Office in the Department of Engineering and Industrial Design in a timely manner, whereby one copy must be submitted in

printed form and, in addition, for the purposes of archiving and possibly publication, one copy must be submitted in digital form, saved as a pdf file on CD or DVD. The date and time of submission must be put on official record.

A corresponding declaration concerning the archiving and publication of the Bachelor's thesis must be appended. More detailed provisions are contained in the Statute Concerning the Archiving and Publication of Student Theses at Magdeburg-Stendal University of Applied Sciences.

If the Bachelor's thesis is not submitted in due time without a reason accepted by the Board of Examiners, it shall be graded as "insufficient". § 23 applies accordingly to any repeat attempt.

- (3) The Bachelor's thesis must be reviewed and assessed by at least 2 examiners. The result should be available within four weeks of the submission date. § 22 applies accordingly.
- (4) For the successful completion of the Bachelor's thesis and defence, 12 credits will be awarded.
- (5) 75 % of the module grade will be made up of the grade from the Bachelor's thesis and 25 % from the grade awarded for the defence.

§ 29 Bachelor's thesis defence

- (1) In their defence of their Bachelor's thesis, students should be able to demonstrate that they are capable of defending the results of their independent scientific work in an academic debate in a field of studies.
- (2) Admission to the defence is conditional upon passing all module examinations and the Bachelor's thesis being assessed by the examiners with a grade of at least "sufficient".
- (3) The Bachelor's thesis examiners will hold the defence as an individual or group examination. The Board of Examiners can appoint additional examiners. As a rule, the length of the defence for each student is 45 minutes, but no longer than 60 minutes. § 22 applies accordingly to the assessment of the defence. The defence is generally held in public. The candidate may apply to the examiners to exclude the public. § 20 applies accordingly.
- (4) The essential points of the examination and its grading must be recorded in writing. This record must be signed by the examiners and the assessors. The result of the examination is to be made known to the student directly following the oral examination.
- (5) The defence shall be deemed to have been successfully completed if the examiners give it a minimum grade of "sufficient". In the case of a grade of "insufficient" the defence may be repeated in accordance with the provisions of § 30. Furthermore, § 28 paragraphs 4 and 5 apply accordingly.

§ 30 Repetition of the Bachelor's thesis and Bachelor's thesis defence

- (1) The Bachelor's thesis may, if it has been graded "insufficient" or is deemed to have been graded "insufficient", be repeated once, whereby the new topic must generally be set within 12 months.
- (2) If a Bachelor's thesis is repeated, returning a topic is only admissible if no use was made of this possibility the first time. The new topic for the Bachelor's thesis will be issued in a timely manner, generally within three months.
- (3) A second repeat attempt is inadmissible.

- (4) Repetition of a successfully completed Bachelor's thesis is not permitted.
- (5) The Bachelor's thesis defence may be repeated once if it is graded "insufficient" or deemed to have been graded "insufficient". The repeat attempt must generally be undertaken within 4 weeks.
- (6) A second repetition of the Bachelor's thesis defence is not permitted.
- (7) Repetition of a successfully completed Bachelor's thesis defence is not permitted.

§ 31 Cumulative Bachelor's examination result

- (1) The Bachelor's examination is successfully completed when all compulsory and compulsory elective module examinations and the Bachelor's thesis and defence have been awarded a minimum grade of "sufficient"
- (2) Notwithstanding the terms of § 22, para. 2, the cumulative grade of the Bachelor's examination is derived, where applicable, from the weighted average of the grades for the module examinations and the module grade for the Bachelor's thesis and defence. § 22 para. 5 applies accordingly.

The weightings assigned to the individual modules can be found in the appended Standard Curriculum and Examination Schedule or derived from the relative share of credits attributable to the respective modules.

- (3) If the average of the cumulative numerical grade is better than 1.3, then the overall result

"passed with distinction"

will be awarded.

- (4) A Bachelor's exam is definitively failed when an examination during the programme or a Bachelor's thesis and defence has received a grade of "insufficient" or is deemed to have been graded "insufficient" and no further repeat attempts are permitted.
- (5) The German cumulative grade will be provided with a grade distribution scale for the relative classification of the cumulative grade in accordance with the provisions of the ECTS Guidelines 2015.

§ 32 Academic transcripts and certificates

- (1) Academic transcripts are to be completed without delay, if possible within four weeks of the Bachelor's examination having been passed. The transcript contains the modules and corresponding module grades and bears the date on which the last examination was completed. It is to be signed by the chairperson of the Board of Examiners and the Dean of the Department of Engineering and Industrial Design and to be furnished with the seal of Magdeburg-Stendal University of Applied Sciences.
- (2) Together with the transcripts, students will receive a Diploma Supplement.
- (3) If the Bachelor's exam has been failed or is deemed to have been failed, then the examination office, in coordination with the Board of Examiners, will present the student with a written notification which also provides information as to whether and, where applicable, to what extent it is possible to repeat examinations. Notification of a definitively failed Bachelor's exam must be furnished with instructions on the right to appeal.
- (4) If students leave the university or change their programme of studies, upon application they will be issued with a certificate showing the examinations taken and grades achieved.

§ 33 Degree certificate

- (1) Together with the transcript, students receive a degree certificate showing the same date as the academic transcript. The degree certificate confers the title of Bachelor upon the holder.
- (2) The degree certificate is to be signed by the Dean of the Department of Engineering and Industrial Design and by the Rector of Magdeburg-Stendal University of Applied Sciences, and to be furnished with the seal of Magdeburg-Stendal University of Applied Sciences.

IV. Final Provisions

§ 34 Access to examination files

Following completion of each module exam and the Bachelor's thesis with defence and within a respective cut-off period of three months from notification of the results, students may, upon written application, be granted access to the written exams, corresponding examiners' assessments, and the examination records.

Periods of time when classes are out of session shall be disregarded in this connection.

§ 35 Non-attendance, withdrawal, cheating, breach of regulations

- (1) An examination taken during the programme is to be assessed as "insufficient" / "not successfully completed" or shall be deemed to have been assessed as "insufficient" / "not successfully completed" if, without a valid reason, the student
 - fails to appear on a compulsory examination date,
 - withdraws from the examination after it has already begun,
 - does not retake an examination within the established time frame.
- (2) The justifications claimed for any withdrawal or non-attendance must be communicated to the Board of Examiners immediately in writing and credibly substantiated. Otherwise, the assessment is "insufficient" / "not successfully completed". In case of illness, a doctor's certificate must be provided. In cases of doubt, this must be a public medical officer's certificate. As far as the compliance with deadlines for the initial registration for an examination, the repetition of examinations, the reasons for missing examinations and the adherence to completion times for theses are concerned, the illness of a child cared for by the student shall equate to an illness suffered by the student him or herself. Unless the Board of Examiners resolves otherwise, upon recognition of the reasons for non-attendance or withdrawal, the exam must be taken on the next regular examination date.
- (3) If the student attempts to influence the result of an examination by cheating or the use of unauthorised aids, the examination concerned should be assessed as "insufficient" / "not successfully completed" or the examination concerned should be deemed to have been assessed as "insufficient" / "not successfully completed". Examiners and supervisors are authorised to exclude any student who disrupts the orderly conduct of the examination from further participation in the exam. If this is the case, the examination will be assessed as "insufficient" / "not successfully completed". In extreme cases, the Board of Examiners is authorised to exclude the student from any further examinations.
- (4) An examination will be assessed as "insufficient" / "not successfully completed" if the student does not provide sufficient reason for not having respected the submission deadline. Paragraph 2 applies accordingly.

- (5) The Boards of Examiners are entitled to require and take a sworn statement from a student that the examination has been completed by them independently and without impermissible outside help and taking into account the general principles of good academic practice. In case of infringements, the examination concerned must be assessed as “insufficient” / “not successfully completed” or the examination concerned shall be deemed to have been assessed as “insufficient” / “not successfully completed”. In serious cases, the Board of Examiners may exclude the student from taking further examinations and/or instigate legal action.

§ 36 Invalidity of examinations

- (1) The Board of Examiners, in the case that a student has cheated in an exam, and this becomes known after the degree has been granted, is authorised to declare an examination to have been failed either partially or in its entirety.
- (2) In the case that the conditions for admission to the examination were not met but without any intentional deception, and this only becomes known after the degree has been granted, the deficiency is deemed to have been rectified if the examination was sat successfully. In the case of a student gaining admission by committing a deliberate breach, the Board of Examiners, taking into consideration relevant legal regulations, will decide as to the retraction of illegal administrative acts.
- (3) Prior to such a decision, the affected student is to be given the opportunity to make a statement on the matter to the Board of Examiners.
- (4) An incorrect transcript is to be revoked and replaced with a corrected transcript in accordance with § 32. Once a period of five years has elapsed from the date the transcript is issued, a decision pursuant to paragraphs 1 and 2 is thereafter excluded.

§ 37 Decisions, appeal procedure

- (1) All decisions made in accordance with these Study and Examination Regulations, and which constitute an administrative act are to be justified in writing and furnished with instructions on appeal in compliance with Art. 41 of the Administrative Procedures Act of Saxony-Anhalt (VwVfG LSA). An appeal can be made to the Board of Examiners within one month of having received the decision.
- (2) The Board of Examiners will decide as to the validity of the appeal. In the event that the appeal involves an assessment, the appeal will be sent to the examiner or examiners concerned for their review. If the assessment is changed in accordance with the appeal, the Board of Examiners shall uphold the appeal. Otherwise, the Board of Examiners only reviews the decision in terms of
1. whether or not the exam procedures were properly conducted,
 2. whether the examiner proceeded on the basis of incorrect facts,
 3. whether or not the generally valid principles of grading were applied,
 4. whether or not the examiner was influenced by immaterial considerations.

If the Board of Examiners does not grant the appeal, it will be forwarded to the Departmental Council, with the exclusion of the student members, for a decision.

- (3) A decision as to the validity of the appeal will take place within a period of one month. If the objection is not upheld, the Rector shall notify the appellant of the decision.

§ 38 University-wide announcements by the Board of Examiners

Decisions and other measures relating to these Study and Examination Regulations, especially with regard to admission to examinations, refusal of admission, examination and registration dates and deadlines as well as examination results, will be made known university-wide in the institution's customary manner. In so doing, data protection regulations will be observed.

§ 39 Transitional regulations

These Study and Examination Regulations are valid for all students who begin their studies from the summer semester of 2022.

§ 40 Entry into force

Following approval by the Rector, these Study and Examination Regulations shall take effect the day after their university-wide announcement in the Magdeburg Stendal University of Applied Sciences Official Notices.

Issued pursuant to the resolutions of the Departmental Councils of the Department of Engineering and Industrial Design (IWID) dated 16/06/2021, of the Department of Water, Environment, Construction and Safety (WUBS) dated 16/06/2021, of the Department of Economics (WI) dated 16/06/2021 and of the Senate of Magdeburg-Stendal University of Applied Sciences dated 14/07/2021.

Magdeburg, 15/07/2021

The Rector

Abbreviations used in the Standard Curriculum and Examination Schedule:

T	= Type of course
WHS	= Weekly hours per semester
L	= Lecture
SL	= Seminar-style lecture
S	= Seminar
R	= Recitation
P	= Project
TE	= Types of examinations
C	= Credits
WE	= Written examination
OE	= Oral examination
TP	= Term paper
D	= Disquisition
IR	= Internship / Practical report
Pre	= Presentation
Pro	= Project report
SC	= Seminar contribution
Po	= Portfolio
LE	= Language examination
PR	= Performance record
AR	= Attendance record
BT	= Bachelor's thesis with defence
/	= or; the TE will be stipulated at the start of the module (e.g. OE/WE = oral or written examination)
,	= and (e.g. L, R = lecture and recitation)
*	= The assessment of these types of examinations will be ungraded (§ 22 applies accordingly).
**	= Information on the range of compulsory elective modules is available in the module handbook.
***	= The composition of the module grade is in accordance with § 28 paragraph 5.
A1, A2 etc.	= Language level in accordance with the CEFR
¹	= except English (language of instruction)

TE with time specification, e.g.

WE90 = written examination, 90 minutes

Appendix 1

Standard Curriculum and Examination Schedule

No.	Module title	Semester 1				Semester 2				Semester 3				Σ (Semester 1 - 3)	
		T	WHS	TE	C	T	WHS	TE	C	T	WHS	TE	C	WHS	C
1.1	Sustainable Development (Interdisciplinary Introduction)	3L	3	TP	5									3	5
1.2	Fundamentals of Natural Science	3L/1R	4	PR	5									4	5
1.3	Mathematics 1	3L/1R	4	PR	5									4	5
1.4	Fundamentals of Economic Science	3L/1R	4	WE 120	5									4	5
1.5	Intercultural Communication and Participation	3S	3	PR	5									3	5
1.6	German as a Foreign Language (DaF) / Other Foreign Language ¹ (A1)	4S	4	LE*	5									4	5
2.1	Materials and Production Engineering					3L/1R	4	WE 120	5					4	5
2.2	Ecology, Resources and Sustainable Cities					3L/1R	4	WE 120	5					4	5
2.3	Mathematics 2					2L/2R	4	PR	5					4	5
2.4	Engineering Mechanics and Fluid Mechanics					2L/2R	4	WE 120	5					4	5
2.5	Scientific Project and Academic Skills					2L/1P	3	PR	5					3	5
2.6	German as a Foreign Language (DaF) / Other Foreign Language ¹ (A2)					4S	4	LE*	5					4	5
3.1	Renewable Energy Systems									4SL	4	WE120/ OE	5	4	5
3.2	International Law and Policies									2L/2R	4	WE120/ TP	5	4	5
3.3	Information Technology and Data Science									2L/2R	4	PR/OE/ Po	5	4	5
3.4	Machine Design									2L/2R	4	TP, Pre	5	4	5
3.5	Production Management and Global Supply Chains									4SL	4	WE90/ D	5	4	5
3.6	German as a Foreign Language (DaF) / Other Foreign Language ¹ (B1)									4S	4	LE*	5	4	5
6.4	Portfolio (Reflection and Personal Development)									1R	1	-	-	1	-
	Σ (Semester 1 - 3)		22		30		23		30		25		30	70	90

No.	Module title	Semester 4				Semester 5				Semester 6				Σ (Semester 4 - 6)	
		T	WHS	TE	C	T	WHS	TE	C	T	WHS	TE	C	WHS	C
4.1	Sustainability Management	2L/1P	3	TP, Pre	5									3	5
4.2	Ethics and Social Responsibility	2L/1P	3	D/OE/TP	5									3	5
4.3	Business Development, Innovation Management and Marketing	2L/2P	4	Pro, Pre	5									4	5
4.4	International Accounting and Finance	3L/1R	4	WE120	5									4	5
4.5	Product Development and Production Processes	1L/2P	3	Pro, Pre	5									3	5
4.6	German as a Foreign Language (DaF) / Other Foreign Language ¹ (B2)	4S	4	LE*	5									4	5
5.1	Elective Module					**	2 - 4	**	5					2 - 4	5
5.2	Elective Module					**	2 - 4	**	5					2 - 4	5
5.3	Team Development and Leadership					3L/1R	4	OE/D	5					4	5
5.4	Controlling and Project Management					3L/1P	4	PR	5					4	5
5.5	Interdisciplinary Project					2P	2	Pro, Pre	5					2	5
5.6	German as a Foreign Language (DaF) / Other Foreign Language ¹ (C1)					4S	4	AR	5					4	5
6.1	Elective Module (online)									**	2 - 4	**	5	2 - 4	5
6.2	Academic Skills Refresher and Internship Mentoring (online)									3R	3	SC*	5	3	5
6.3	Internship									-	-	IR*	15	-	15
6.4	Portfolio (Reflection and Personal Development) (online)									1R	1	Po*	5	1	5
	Σ (Semester 4 - 6)		21		30		18-22		30		6-8		30	45-51	90

No.	Module title	Semester 7				Σ (Semester 7)	
		T	WHS	TE	C	WHS	C
7.1	Internship (Bachelor Project)	-	-	IR*	18	-	18
7.2	Bachelor Thesis and Defense	-	-	BT***	12	-	12
	Σ (Semester 7)		-		30	-	30
	Σ (Semester 1 - 7)						115 - 121
							210

¹ = except English (language of instruction)

*= The assessment of these types of examinations will be ungraded (§ 22 applies accordingly).

** = Information on the range of compulsory elective modules is available in the module handbook.

*** = The composition of the module grade is in accordance with § 28 paragraph 5.

Sustainable Resources, Engineering and Management (StREaM)
(Wirtschaftsingenieurwesen und Nachhaltigkeit)
Bachelor of Engineering, B. Eng.

Module title German (DE) / English (EN)

Modultitel (DE)	Module title (EN)
1.1 Nachhaltige Entwicklung (Interdisziplinäre Einführung)	1.1 Sustainable Development (Interdisciplinary Introduction)
1.2 Naturwissenschaftliche Grundlagen	1.2 Fundamentals of Natural Science
1.3 Mathematik 1	1.3 Mathematics 1
1.4 Wirtschaftswissenschaftliche Grundlagen	1.4 Fundamentals of Economic Science
1.5 Interkulturelle Kommunikation und Teilhabe	1.5 Intercultural Communication and Participation
1.6 Deutsch als Fremdsprache (DaF) / Andere Fremdsprache (A1)	1.6 German as a Foreign Language / Other Foreign Language (A1)
2.1 Werkstoffkunde und Fertigungstechnik	2.1 Materials and Production Engineering
2.2 Ökologie, Ressourcen und nachhaltige Städte	2.2 Ecology, Resources and Sustainable Cities
2.3 Mathematik 2	2.3 Mathematics 2
2.4 Technische Mechanik und Hydromechanik	2.4 Engineering Mechanics and Fluid Mechanics
2.5 Wissenschaftliches Projekt und Academic Skills	2.5 Scientific Project and Academic Skills
2.6 Deutsch als Fremdsprache (DaF) / Andere Fremdsprache (A2)	2.6 German as a Foreign Language / Other Foreign Language (A2)
3.1 Erneuerbare Energiesysteme	3.1 Renewable Energy Systems
3.2 Recht und Politik international	3.2 International Law and Policies
3.3 Informatik und Data Science	3.3 Information Technology and Data Science
3.4 Konstruktionslehre	3.4 Machine Design
3.5 Produktionswirtschaft und globale Lieferketten	3.5 Production Management and Global Supply Chains
3.6 Deutsch als Fremdsprache (DaF) / Andere Fremdsprache (B1)	3.6 German as a Foreign Language / Other Foreign Language (B1)
4.1 Nachhaltigkeitsmanagement	4.1 Sustainability Management
4.2 Ethik und soziale Verantwortung	4.2 Ethics and Social Responsibility
4.3 Geschäftsentwicklung, Innovationsmanagement und Marketing	4.3 Business Development, Innovation Management and Marketing
4.4 Internationale Rechnungslegung und Finanzwirtschaft	4.4 International Accounting and Finance
4.5 Produktentwicklung und Produktionsprozesse	4.5 Product Development and Production Processes
4.6 Deutsch als Fremdsprache (DaF) / Andere Fremdsprache (B2)	4.6 German as a Foreign Language / Other Foreign Language (B2)
5.1 Wahlpflichtmodul	5.1 Elective Module
5.2 Wahlpflichtmodul	5.2 Elective Module
5.3 Teamentwicklung und Leadership	5.3 Team Development and Leadership
5.4 Controlling und Projektmanagement	5.4 Controlling and Project Management
5.5 Interdisziplinäres Projekt	5.5 Interdisciplinary Project
5.6 Deutsch als Fremdsprache (DaF) / Andere Fremdsprache (C1)	5.6 German as a Foreign Language / Other Foreign Language (C1)

Modultitel (DE)	Module title (EN)
6.1 Wahlpflichtmodul (online)	6.1 Elective Module (online)
6.2 Academic Skills Refresher und Mentoring Praxisphase (online)	6.2 Academic Skills Refresher and Internship Mentoring (online)
6.3 Praxisphase	6.3 Internship
6.4 Portfolio (Reflexion und persönliche Entwicklung) (online)	6.4 Portfolio (Reflection and Personal Development) (online)
7.1 Praxisphase (Bachelor-Projekt)	7.1 Internship (Bachelor Project)
7.2 Bachelor-Arbeit mit Kolloquium	7.2 Bachelor Thesis and Defense