

**Examination regulations
of Faculty of Chemistry and Earth Sciences
for the study programme leading to the degree 'Master of Science'
of 23 February 2023**

Pursuant to the section 3 subsection 1 in conjunction with the section 38 section 3 of the Thuringian Higher Education Act (*Thüringer Hochschulgesetz, ThürHG*) of 10 Mai 2018 (published in the journal of legal notices of the Free State of Thuringia, GVBl p. 483, in German), last amended by Article 1 of the Act of 7 December 2022 (GVBl, p. 437), the Friedrich Schiller University Jena issues the following Examination Regulations for the study programme Master of Science Chemistry of Materials. The Council of the Faculty of Chemistry and Earth Sciences adopted the Examination Regulations on 19 October 2022. The Senate of the Friedrich Schiller University Jena approved the Regulations on 21 February 2023. The President of the Friedrich Schiller University authorized the Regulations on 23 February 2023.

Content

- I. General provisions
 - § 1 Objective of the examinations
 - § 2 Degree
 - § 3 Standard duration of study
 - § 4 Structure of the study programme
 - § 5 Study plan and module catalogue
 - § 6 Recognition of times of study; recognition of coursework and examinations
 - § 7 Examinations committee
 - § 8 Module coordinator, examiners and assessors
 - § 9 Compensation for disadvantages

- II. Master's examinations
 - § 10 Type and scope of the master's examinations
 - § 11 Type of module examinations, additional modules
 - § 12 Registration for and admission to module examinations
 - § 13 Examination dates and deadlines for examinations
 - § 14 Grading of examinations and coursework, generating grades
 - § 15 Re-taking a module examination
 - § 16 Non-appearance, withdrawal, deception, infringements of regulations, and violation of the principles of good scientific practice
 - § 17 Master's thesis
 - § 18 Passing the master's examination, overall grade
 - § 19 Grade Certificate, Diploma Supplement, Degree Certificate

- III. Final provisions
 - § 20 Invalid examinations
 - § 21 Viewing examination documents, examination files, and retention period
 - § 22 Appeal procedure
 - § 23 Equal opportunity clause
 - § 24 Coming into effect, expiry, transitional provisions

I General provisions

§ 1 Objective of the examinations

(1) The successful completion of the master's examination in the study programme Master of Science Chemistry of Materials leads to a second academic degree in chemistry of materials qualifying graduates to work in this field.

(2) With the successful completion of the master's examination, students demonstrate to have acquired in-depth knowledge and skills in physical and chemical fundamentals of the chemistry of materials, and in an individual area of specialization in materials sciences, chemistry or physics. In addition, they also have learned to apply complex characterization methods independently. In addition, they demonstrate that they can critically evaluate scientific data, are able to think and act based on interdisciplinary approaches and self-reliance, can analyse complex questions and challenges of chemistry of materials also across disciplines, and can interpret results and find solutions. Graduates possess knowledge and skills qualifying them for practical work in research and development.

§ 2 Degree

Upon successful completion of the master's examination, the Friedrich Schiller University Jena awards graduates the academic degree 'Master of Science' (abbreviation: MSc).

§ 3 Standard duration of study

(1) The standard duration of study is two academic years, during which students have to reach a total of 120 ECTS. Per year of study, a total of 60 ECTS has to be achieved. Pursuant to the regulations of the European Credit Transfer and Accumulation System (ECTS), a workload of 30 hours of in-class and independent studying is assumed for every one credit point. The overall workload for all assessed and non-assessed coursework, including examinations, shall not exceed 1800 hours per year of study, including times spent studying during lecture-free periods.

(2) The range of courses offered and the study plan are organized in a way that students are able to attend all coursework and/or examinations, and write their master's thesis within the standard duration of study.

(3) Leave of absence is not counted as part of the standard duration of study in accordance with the section 1.

For detailed regulations, please refer to the Matriculation Regulations (*Immatrikulationsordnung*) of the Friedrich Schiller University Jena.

(4) Principally, part-time studies are possible. For detailed regulations, please refer to the Matriculation Regulations (*Immatrikulationsordnung*) of the Friedrich Schiller University Jena.

§ 4 Structure of the study programme

(1) The study programme is composed of modules. Each module may comprise different forms of instruction and learning, including but not limited to lectures, seminars, practical exercises, internships, e-learning offers, excursions, project work as well as independent study periods, and examinations.

(2) Each module is a learning and examination unit which usually lasts one semester. Examination results are documented on the grade certificate. Credit points (ECTS) are awarded for successfully completed modules only.

(3) At the end of the study program, a master's thesis is prepared. If it is considered successfully completed, 30 credit points are awarded.

(4) For further information on the objectives of the study programme, on the division into modules, and on the credit points for each module, please refer to the Study Regulations and respective module descriptions.

§ 5 Study plan and module catalogue

(1) The Council of the Faculty of Chemistry and Earth Sciences adopts a study plan and a module catalogue with module specifications. Study plan and module catalogue shall be published before the beginning of the academic year at least in electronic form.

(2) Module specifications in the module catalogue provide information about the module coordinator, the prerequisites for participation, the usability, the nature of a module, the different forms of learning and working, the workload, the credit points, the content and the qualification objectives of the respective module, the requirements for admission to the module examination, about the type of performance assessment and their respective weight for the final grade of the module. In addition, the module specifications provide information on the frequency of offer, and about the duration.

§ 6 Recognition of times of study; recognition of coursework and examinations

(1) Assessed and non-assessed coursework, and examinations produced or achieved at another university or another institution of higher education of equivalent status in Germany or abroad, may be recognized and credited if they are equivalent with regard to the competences acquired. Provisional recognition under certain conditions is possible. If equivalence is ascertained, students have a legal right to have their coursework and/or examination recognized. Recognition requests, including all necessary proofs and supporting documents, shall be addressed to the Examinations Committee.

(2) Equivalence of assessed and non-assessed coursework, including examinations, is to be ascertained if there is no significant difference between the knowledge and skills acquired to the desired learning objectives.

(3) When recognizing achievements obtained outside the scope of the Basic Law, equivalence agreements approved by the Standing Conference of the Ministers of Education and Cultural Affairs and the Rectors' Conference, as well as agreements within the framework of university partnerships, must be observed. Competencies and skills acquired in another way than in an academic study programme that are equivalent to the competencies and skills required for this master's programme and that are a prerequisite for the successful completion of the programme, shall be recognized and credited upon request and up to 50 % of the achievements towards the assessed and non-assessed coursework, including examinations, prescribed for the study programme.

(4) Assessed and non-assessed coursework, including examinations, that was completed or achieved during a study-related stay abroad and as stipulated in a Learning Agreement signed with the Friedrich Schiller University Jena prior to the stay abroad, shall be recognized and credited without another equivalence assessment.

(5) If assessed and non-assessed coursework and examinations are recognized and credited, grades are to be carried over and be included in the calculation of the final overall grade. The grade certificate will indicate where coursework and/or examinations were completed or passed.

(6) If the Examinations Committee rejects an application for recognition of assessed and non-assessed coursework and/or examinations, the person who submitted the request shall be informed in writing about the reasons for the rejection of request, i.e. why it did not fulfil the requirements prescribed in the section 2. When informing about the negative decision, also information on legal remedies shall be included.

§ 7 Examinations committee

(1) To perform the tasks stipulated in these Regulations, an examinations committee shall be appointed from among the members of the Faculty of Chemistry and Earth Sciences who belong to the chemical institutes. The Committee comprises four members from among the professors, two members from among academic staff, and one student representative enrolled in the present study programme. The Chairperson and their representative, who must belong to the group of professor, and the members and their representatives of the Examinations Committee shall be appointed by the Council of the Faculty of Chemistry and Earth Sciences. Principally, the members of the Examinations Committee are appointed for the period of three years, except of the student member who is appointed for one year only. If a member resigns earlier, a successor from the corresponding group shall be appointed for the rest of the current term of office.

(2) The Examinations Committee has a quorum when the majority of its members, including the chairperson or his/her deputy, are present, and the majority of the votes of the professors is given. Decisions of the Examinations Committee are taken with the majority of the votes cast. In the event of a tie, the chairperson has the deciding vote. The student representative does neither participate in the assessment or recognition process of coursework and/or examinations nor in the appointment of examiners and assessors.

(3) The Examinations Committee ensures the respect of all stipulations of these Examination Regulations, and the proper execution of examinations. In particular, it is competent to decide upon objections filed against decisions having been taken in the examination process.

(4) Once a year, the Examinations Committee reports to the Council regarding the development of examination results and the average duration of study, and it proposes modifications to the Study Regulations, and Examination Regulations. Yearly, it evaluates the study plan and module catalogue, and proposes modifications where appropriate to adapt it to new requirements of science and of professional experience.

(5) The members of the Examinations Committee to the provision on bias according to the section 22 subsection 3, have the right to attend examinations and to inspect the examination files.

(6) The Examinations Committee may adopt its own rules of procedure and, by resolution, and may delegate revocable tasks to the Chairperson. The Chairperson of the examination committee is authorized to make urgent decisions instead of the examination committee; it must immediately inform the examination committee about this.

(7) With the exception of decisions on objections, decisions of the Examinations Committee may be taken by silence procedure.

(8) Meetings of the Examinations Committee are not public. The members of the Examinations Committee are subject to official secrecy. If a member is not a public employee, he/she is sworn to secrecy by the chairperson of the Examinations Committee.

§ 8 Module coordinators, examiners and assessors

(1) The Examinations Committee appoints module coordinators in consultation with the subject representatives. Only members and staff of the Friedrich Schiller University Jena or—in exceptional cases—of another university who are or have been authorized to teach independently in the respective study programme or comparable modules as lecturer, or *Privatdozent* (s.o. who has attained his or her *Habilitation*, the German post-doctoral degree/qualification making an individual eligible to take up a professorship, and who has obtained the formal permission to teach independently), or who have a temporary teaching appointment can be appointed as the person responsible for a module. If the module coordinators are not lecturers in the corresponding modules, the examination should be conducted by the teaching staff.

(2) Assessors are appointed by the examination committee; this also applies to examiners if they are not module coordinators or lecturers of the module. Pursuant to section 54 subsection 2 Thuringian Higher Education Act (ThürHG), university teachers, academic staff with teaching duties, lecturers and teachers for special tasks are authorised to conduct university examinations. Only persons who possess at least the qualification to be determined by the examination or an equivalent qualification may be appointed as examiners and assessors. Insofar as the purpose and nature of the examination so require, persons active in non-university research may also be appointed as examiners, provided they are experienced in professional practice and training and themselves possess at least one degree above the qualification to be determined by the examination.

(3) Examiners and assessors are subject to official secrecy.

§ 9 Compensation for disadvantages

(1) If a student credibly proves the Examination Committee that he/she is unable to take part in an examination entirely or partially in its stipulated form due to prolonged or chronic illness or disability unrelated to the performance profile to be examined, he/she will be permitted upon written application to the Examination Committee to take part in the examination in a longer time frame or to take part in a comparable examination in another form.

(2) The same applies for non-assessed coursework accordingly. However, it has to be assured that the concerned student participates in in-class studying sufficiently. Otherwise, the student is to be informed about and referred to the possibility to request a leave of absence for valid reasons in accordance with the Matriculation Regulations (*Immatrikulationsordnung*). Experimental achievements from internships cannot be replaced by theoretical achievements.

(3) The request will be decided upon by the Examinations Committee. It also decides on other specifications for continuing studies in such cases. The Examinations Committee may demand a medical certificate or a medical certificate from the public health officer (*Amtsarzt*).

(4) Examination procedures take into account the protective provisions of the Maternity Protection Act as well as periods of parental leave and the actual care of a close family member in need of care. Further regulations are governed by the Matriculation Regulations.

II Master's examination

§ 10 Type and scope of the master's examination

(1) The master's examination comprises several modules and shall be passed in the course of the study programme.

(2) The master's examination comprises:

1. examinations (module examinations) taken during the course of study in the compulsory and required elective modules according to the provisions of the study programme
2. the master's thesis.

§ 11

Type of module examinations, additional modules

(1) Module examinations may be written tests, a paper, a project report,, presentations(s) – oral and/or graphica,, an oral examination, semester-long study assignments or a combination thereof. If examinations are conducted electronically, section 3 of the framework regulations of the Friedrich Schiller University Jena for regulating the effects of the Corona pandemic and for conducting examinations in electronic form of 25 June 2020 in the version of 5 May 2021 applies.

(2) The type of examination for each module is determined in the module specification and announced the same time as the module. If a module examination is composed of several partial examinations, this shall be taken into consideration in terms of scope and form of parts of required coursework/examinations.

(3) When submitting examinations not completed under supervision, the candidate shall confirm in writing that he/she wrote the paper (or in case of a paper written as a group, the part that he/she is responsible for and that is marked accordingly) on her/his own and that no other sources or resources than those indicated were used. Direct and indirect citations and ideas from other works are to be marked as such and detailed information on the source is to be given.

(4) Examinations which shall be passed in order to be able to continue one's studies, shall be assessed by two examiners, one of whom must be a university lecturer at the Friedrich Schiller University Jena or a member of the Friedrich Schiller University Jena. The grade is calculated as the arithmetic mean of the two individual evaluations.

(5) Examinations are held in English. Upon formal request by the student, an examination may be held in another language if the examiner agrees.

(6) The candidate may participate in and complete other modules offered at the Friedrich Schiller University Jena (additional modules) if the number of participants in those modules allows it. Additional modules must be completed with an examination. But students cannot

earn any ECTS credited towards their study programme. The grades of these examinations do not count towards the final overall grade. Upon formal request of the student, however, additional modules and their grades may be included in the Grade Certificate.

§ 12

Registration for and admission to module examinations

(1) Candidates shall register for the module examination within ten weeks after the beginning of the lecture period, and at least one week before the first assessed course work and examinations of a specific module. Principally, they shall register for module examinations via the online course and examination management *Friedolin*. Before the end of these six weeks, students may cancel their registration without providing reasons if no assessed course work and examination has been completed. After the end of these six weeks, registration is binding. The registration for examinations for internships must take place at the latest at the beginning of the internship. With the start of the internship, the intention to take the examination is declared, so that if the internship is cancelled after the first participation, this examination performance is deemed to have been failed, unless the cancellation is for reasons for which the student is not responsible and which have been made credible (section 16 subsection 2 applies accordingly).

(2) Upon compulsory registration for the module examination, only students shall be admitted to take the examination who:

1. are enrolled at the Friedrich Schiller University Jena for the Master of Science Chemistry of Materials.
2. meet all requirements for the module examination in question as stipulated in the respective module specification
3. have not definitely failed the concerned or a comparable module examination or a master's examination in the master's programme Chemistry of Materials.

(3) If admission to a module examination is subject to certain prerequisites, students are admitted to the module examination if the prerequisites are met. Prerequisites are specified in the module specifications.

(4) If the student does not fulfill the requirements according to subsection 3, the module coordinator must refuse admission. In the event of non-admission, the student must be notified via an entry in the study and examination management system no later than 14 days before the examination date, unless the period between registration and examination is shorter.

§ 13

Examination dates and deadlines for examinations

(1) All module examinations of the first year of study shall be taken for the first time by the end of the second year at the latest. If a student fails to do so for reasons that he/she is responsible for, the concerned module examinations are considered as failed for the first time. All module examinations that have not been passed successfully by the end of the 8th semester are considered finally not passed. If the master's thesis is not registered by the end of the 8th semester, it is considered not passed for the first time. The foregoing sentences do not apply if the student is not responsible for the missed deadline.

(2) The master's thesis shall be registered at the Examinations Office of the Faculty of Chemistry and Earth Sciences no later than four weeks after the successful completion of all module examinations has been announced. The master's thesis shall be submitted to the Examinations Office of the Faculty of Chemistry and Earth Sciences within the time frame determined for writing the master's thesis. Otherwise, it is considered not passed for the first time.

(3) It is students themselves who are responsible for complying with the deadlines for examinations. They must in particular note the cycles and the frequency of individual module examinations determined in the module specifications.

(4) The results of the module examinations shall be announced within four weeks after the last assessed coursework or examination of the module. Within four weeks after the announcement of results and upon prior request, students shall be given the opportunity to look at their graded examination papers or the minutes of their examination.

(5) Module examinations that are a prerequisite for participation in a module in the following semester are to be organized in a way that the results and final grade of a module, also allowing for a possibility to re-sit the examination, are established before the beginning of the lecture period of the following semester.

§ 14

Grading of examinations and coursework, generating grades

Principally, all modules shall be graded. Assessed coursework and examinations may also be simply graded as 'passed'/'not passed' ('bestanden'/'nicht bestanden' or 'b'/'nb'). Assessed coursework or examinations graded in this way do not count towards the final module or overall grade.

(2) Grades for individual assessed coursework or examinations are decided upon by the responsible examiners. For the assessment of coursework and examinations, the following grades shall be used:

1 =	very good (<i>sehr gut</i>)	=	outstanding performance
2 =	good (<i>gut</i>)	=	performance considerably above average performance
3 =	satisfactory (<i>befriedigend</i>)	=	performance meeting the average requirements for passing
4 =	sufficient (<i>ausreichend</i>)	=	performance that despite its shortcomings meets the basic requirements
5 =	failed (<i>nicht bestanden</i>)	=	performance that does not meet the basic requirements due to considerable shortcomings

(3) For further differentiation of the grades of assessed coursework and examinations, the addition or subtraction of 0.3 is permitted; the following grades, however, are not permitted: 0.7; 4.3; 4.7; 5.3.

(4) A module examination is passed if it was given at least the grade 4.0 or "passed". If a module examination is composed of several partial examinations, the final grade will be the average of all partial examinations. If the partial examinations relate to different competence areas, each partial examination must be passed. The weighting of the different partial examinations is permitted. The type of examination for a module is to be announced in the module specification.

(5) For the calculation of the module grades and the overall final grade, only the first decimal is relevant, all further digits are dropped without rounding.

(6) The grades (according to the German grading system) shall be:

With an average of up to 1.5	very good (<i>sehr gut</i>),
With an average of 1.6 up to 2.5	good (<i>gut</i>)
With an average of 2.6 up to 3.5	satisfactory (<i>befriedigend</i>)
With an average of 3.6 up to 4.0	sufficient (<i>ausreichend</i>)

(7) In accordance with the decisions by the Standing Conference of the Ministers of Education and Cultural Affairs of the Länder in the Federal Republic of Germany (*Kultusministerkonferenz, KMK*), additional relative grade shall be indicated accordingly. The basis for the calculation of these grades shall be a group of at least 30 students. If necessary, a group of students from different years may be used.

§ 15 Re-taking a module examination

(1) A module examination that was failed or is considered as failed may be re-taken twice. If a module examination comprises several partial examinations, and all examination components must be passed to pass the module exam, only the partial examinations that were failed have to be re-taken. Failed attempts at other universities or equivalent higher education institutions are to be taken into account. Failed internships, presentations, reports, and project modules can only be repeated once, deviating from this rule. The type of a re-sit examination may differ from the original type of examination. The person responsible for a module will have the authority to decide.

(2) The date for re-sitting an examination is specified in the module announcement at the beginning of the module. It is to be set at a date that there are at least two weeks between the announcement of results of the first examination and the date for the re-sit examination, and that the first re-sit examination is completed before the beginning of the lecture period of the following semester. After failing a module exam, the first repeat exam for that module must be taken at the next available exam date.

(3) Before re-taking a module examination for the second time, students are given the opportunity to re-take the whole module while successfully completed coursework and examinations are upheld and taken into account. A module examination which is re-taken a second time shall be passed at the next available exam date. Otherwise the second re-sit examination is considered as failed.

(4) If a student does not pass the second re-sit examination or if this examination is considered as failed, the entire module examination is definitely failed. The Examination Office will provide the student with a written notice about this.

(5) A required elective module that has not yet been finally not passed or does not already count as finally not passed can be replaced with another mandatory elective module upon request, but only once. The choice of the new required elective module must be reported to the Examination Office immediately.

(6) Requests for recognition of a hardship case must be submitted in writing to the Examination Office within four weeks of the announcement of the examination results. The Examination Committee will decide on the application.

§ 16 Non-appearance, withdrawal, deception, infringements of regulations, and violation of the principles of good scientific practice

(1) Examinations are graded as 'failed' (*nicht bestanden*, grade 5.0 according to the German grading system) if students fail to appear at the examination date without good reason or if they withdraw from an examination without good reason after having been admitted to take the module examination. The same applies if a deadline for submitting a paper to be written at home or another similar assessed coursework, reports, internship reports, or the master's thesis was not met.

(2) If a candidate has reasons justifying his/her withdrawal or him/her failing to appear as stipulated in (1) above, he/she must report these to the Examinations Office immediately within three working days from the date the withdrawal reason was given, but no later than from the day of the examination, in writing, and must provide proof. In case of acute illness or an accident of the candidate or a child for whom the student is mainly the sole caregiver, a medical certificate or upon request of justifiable exceptional cases of the Examinations Committee a medical certificate from the public health officer (Amtsarzt) has to be provided which attests the student's inability to take the examination in question. If the reasons are accepted, a new examination date is scheduled. Examination results that are already available have to be taken into account.

(3) If the student tries to influence the result of their assessed coursework or examination by deception or using non-authorized aids or resources, the examination or assessed coursework will be graded as 'not passed' (grade 5.0 according to the German grading system). A student who disturbs or interferes with the orderly conduct of an examination may be excluded from continuing the examination by the respective examiner or the supervisor on duty. The examination or assessed coursework concerned will in this case be graded as 'failed' (*nicht bestanden*, grade 5.0 according to the German grading system). In cases of violating good scientific practice or in case of a repeated deception, the Examinations Committee may decide to exclude the student from taking any examination temporarily or producing other assessed coursework for up to two years. Before such a decision is taken, the case shall be heard.

(4) Within one month of the announcement of examination results, the student may ask for a decision pursuant to section 3 sentences 1 and 2 above to be reviewed by the Examinations Committee.

(5) In particularly serious cases of violations, especially in the case of extensive plagiarism, the President may exclude the student from taking any other examinations in this study programme permanently upon formal request of the Examinations Committee. Before making a decision, the student must be heard.

§ 17 Master's thesis

(1) The Master's thesis consists of a written and an oral part. By writing a master's thesis, students are expected to prove they are able to produce a scientific work on a topic in their field of study within a given time frame independently, and to present it according to recognized academic standards. Subject and problem definition shall be formulated so that students are able to meet the given deadline without exceeding the estimated workload defined in the module description.

(2) The master's thesis may also be written as a group if, by indicating sections or other objective criteria that allow for clear differentiation, the contribution of each is identifiable as individual contribution, can be assessed and graded as such, and meets all requirements stipulated in section 1 above.

(3) Submitting the application to register a master's thesis, the topic shall be submitted which shall be supervised by an examiner appointed by the Examinations Committee. The student shall be given the opportunity to propose topics for his/her master's thesis. Upon request, the chairperson of the Examinations Committee shall ensure that a student is allocated a topic for his/her master's thesis in due time. The application for admission to the Master's thesis must be submitted in writing to the Examination Office of the Faculty of Chemistry and Earth Sciences no later than two weeks before the start of the Master's thesis. Other deadlines are stated in section 13.

(4) Admitted to register for the master's thesis shall be students who:

1. are enrolled at the Friedrich Schiller University Jena for the Master of Science Chemistry of Materials
2. can provide proof that they have reached at least 60 ECTS in the study programme Chemistry of Materials in accordance with the study plan
3. passed the research laboratory work (15 ECTS) successfully
4. has not passed a master's thesis in the study programme Chemistry of Materials, yet
5. did not definitely fail the master's thesis in the study programme Chemistry of Materials or are not taking part in another examination process at the moment.

(5) The Examinations Committee or its chairperson decides on admission or non-admission to register for a master's thesis. The start of the processing time is determined by the Examinations Committee.

(6) The time frame to work on the master's thesis is six months. Upon justified request, the deadline may in exceptional cases be extended by a total of up to three months. The formal request must include an official statement from the supervisor and must be submitted at the latest two weeks before the deadline to submit the master's thesis. It is the Examinations Committee who shall decide on the request. In case of illness which shall be proven with a medical certificate or, upon request, a medical certificate from the public health officer (Amtsarzt), the time frame to work on the master's thesis shall be extended accordingly. Illness-related incapacity must be proven by a medical certificate or, in exceptional cases that require particular justification, by an official medical certificate upon request of the Examination Board. If the processing time is extended due to illness-related incapacity by more than twice the original processing time, the Examination Board may terminate the examination attempt.

(7) The topic of the master's thesis can only be rejected and returned once in the first two weeks after the topic has been determined. The time passed until the rejection and returning of the subject for the master's thesis does not count towards the overall time frame to work on the master's thesis.

(8) The master's thesis shall be submitted to the Examinations Office of the Faculty of Chemistry and Earth Sciences in three printed and bound hard copies within the prescribed time frame. In addition, an electronic copy shall be submitted. If the work is written in English, a German summary must be included as part of the work.

(9) When submitting a master's thesis, the student shall confirm in writing that he/she wrote the paper on her/his own and in accordance with the rules of good scientific practice (or in case of a paper written as a group, the studies that he/she is responsible for and that is marked accordingly), and that no other sources or resources than those indicated were used. Direct and indirect citations and ideas from other works are to be marked as such and detailed information on the source is to be given.

(10) If the master's thesis is not submitted within the time frame prescribed, it is considered as 'failed' (*nicht bestanden*).

(11) The written part of the master's thesis shall be evaluated and graded by two examiners. One of the examiners shall be the one who assigned the subject of the master's thesis. The second examiner shall be appointed by the Committee. At least one supervisor and examiner of the master's thesis must be a university lecturer or member of the Friedrich Schiller University Jena who meets the requirements for university lecturers. The evaluation reports shall be provided within six weeks after the submission of the master's thesis. The grading is to be done according to the section 14; the reasons for the grading shall be included into the report. The final grade of the master's thesis is the arithmetic average of the two evaluations if the difference of the two is less than 1.3 grades (according to the German grading system). If the difference of the two grades is higher than 1.3 (according to the German grading system), a third expert opinion shall be taken into account. This also applies if one of the two examiners awards the grade 'failed' (*nicht bestanden*, according to the German grading system). The third expert is appointed by the chairperson of the Examinations Committee. The final grade of the written master's thesis then is the arithmetic average of the three grades. However, the master's thesis can only be graded as 'passed' if at least two of the grades are 'passed' (*ausreichend*, according to the German grading system) or better.

(12) The oral part of the master's thesis includes an evaluated technical presentation, which takes place in the last two months of the work.

(13) The overall final grade for the master's thesis is the weighted average of the grades given for the written (3/4) and the oral (1/4) parts. However, the final grade for the master's thesis can only be graded as 'sufficient' (*ausreichend*, according to the German grading system) if both, the grade for the written and the oral parts, each are 'sufficient' or better.

(14) If the Master thesis is failed for the first time or is considered as failed for the first time, it may be re-taken once. A student shall inform about his/her intention to re-take the master's thesis within six weeks after having been informed about failing the first attempt. After a new topic for the master's thesis has been assigned, the second attempt of a master's thesis shall be submitted to the Examinations Office of the Faculty of Chemistry and Earth Sciences in accordance with the regulations. Otherwise the second attempt is considered as failed ('nicht bestanden'), and the master's examination as a whole is considered as definitely failed. Re-taking the master's thesis a second time is not permitted.

§ 18 Passing the master's examinations; overall grade

The degree of Master of Science is awarded if the master's thesis is passed and a total of 120 credit points have been earned in accordance with the applicable study plan. The overall final grade is the weighted average of all final grades of module examinations and the master's thesis.

§ 19 Grade Certificate, Diploma Supplement, Degree Certificate

(1) Upon successful completion of the Master of Science Chemistry of Materials, a grade certificate shall be issued promptly, if possible within four weeks, after announcement of the last examination result. It includes the title of the successfully completed modules, the corresponding credit points, and the results (grades) of the compulsory modules, and required elective modules. In addition and upon formal request of the student, additional modules shall be included.. The grade certificate shall be signed by the Dean and the Chairperson of the Examinations Committee or his/her deputy and stamped with the seal of the university. The date of the grade certificate is the day on which all assessed and non-assessed course work, and examinations were completed successfully.

(2) In addition to the Grade Certificate, a Diploma Supplement in German and in English shall be issued based on the joint template by the European Union, the Council of Europe, and UNESCO, as well as the Transcript of Records.

(3) If a student leaves the University or changes his/her study programme, he/she may, upon formal request, be issued a Transcript of Records to prove the successfully completed examinations, assessed and non-assessed course work, and their evaluation.

(4) Together with the Grade Certificate, the student shall also receive a Degree Certificate with the same date as the Grade Certificate. It certifies that the graduate is awarded the academic degree 'Master of Science', and that the degree was obtained in the Master of Science Chemistry of Materials.

(5) The Degree Certificate shall be signed by the Dean of the Faculty (*Dekan*) and the Chairperson of the Examinations Committee, and bears the seal of the Friedrich Schiller University Jena.

III Final Provisions

§ 20 Invalid examinations

(1) If a student's fraudulent conduct during an examination is found out only after the delivery of the Grade Certificate, the Examinations Committee may correct the assessment for the corresponding examinations or assessed course work accordingly with retrospective effect, and declare all or part of the examination as failed.

(2) If admission requirements for an examination were not met without the students intending to deceive, and this fact becomes known only after the delivery of the Grade Certificate, the passed examination remedies this shortcoming. If a student was admitted based on intentionally deceitful means, the Examinations Committee shall decide on legal consequences.

(3) The student shall be given the opportunity to be heard prior to any decision.

(4) The incorrect Grade Certificate is revoked and a revised version issued where applicable. Together with the revoked Grade Certificate, also the Degree Certificate and the Transcript of Records is revoked if the examination is declared to be failed due to fraudulent conduct. A decision pursuant to the section 1 and 2 sentence 2 shall be taken within five years after the date of issue of the Grade Certificate. Afterwards a decision is no longer permitted.

§ 21 Viewing examination documents, examination files and retention period

(1) After the announcement of results of module examinations, students shall, within a reasonable time frame, be given the opportunity to view the files of his/her examinations and, where applicable, the corresponding evaluation reports or minutes of the examiners.

(2) Upon formal request, a student is to be given the possibility to view documents related to his/her master's thesis, and his/her own examination files in the premises of the Examinations Office. The date for this is set by the Examinations Office.

(3) Examination files have to be kept and stored for at least one year after each student's completion of the study programme. The location for storing examination files is set by the Examinations Committee.

§ 22 Appeal procedures

(1) Negative decisions that were taken pursuant to these Examination Regulations are to be communicated in writing, reasons must be given, and legal remedies indicated. Within one month of receiving such notification, the student or graduate may file an objection with the Examinations Committee.

(2) It is the Examinations Committee who shall decide on the objection. If the objection is filed against a decision made by the examiners as defined in the subsection 1, the Examinations Committee shall make a decision after having consulted the examiners.

(3) Members of the Examinations Committee cannot assume this responsibility of the Examinations Committee if they were involved in the examination at which the objection is directed.

(4) The decision on the objections is to be taken at the earliest possible date. If the objection is not granted, the notice must give reasons and include information on legal remedies. The notice on the objection is to be delivered to the appellant.

§ 23 Equal opportunity clause

All titles and functions in (the German version of) these Regulations equally refer to woman, men and people who do not identify with any of these genders.

§ 24 Coming into effect, expiry, transitional provisions

(1) These Examination Regulations come into effect on 1 October 2023 following their announcement in the journal of legal notices of the Friedrich Schiller University Jena (*Verkündungsblatt der Friedrich-Schiller-Universität*). It applies to all students who commence their studies in the Master's degree programme in Chemistry of Materials from the winter semester of 2023/24 onwards.

English translation from the German. The translation is for information purposes only; legally binding is only the German original in its currently applicable version published in the journal of legal notices of the Friedrich Schiller University Jena, the *Verkündungsblatt*.

(2) At the same time, the examination regulations of the Faculty of Chemistry and Earth Science of the Friedrich Schiller University Jena in the degree programme Chemistry of Materials with the degree of Master of Science dated February 19, 2018 (Verkündungsblatt der Friedrich Schiller Universität Jena, No. 2/2018, p. 65) expire. However, it continues to apply to all students who enrolled in the master programme of Chemistry of Materials prior to the entry into force of this regulation.

Jena, 23 February 2023

Prof. Dr Walter Rosenthal
President of the Friedrich Schiller University Jena