

- Unofficial translation of the unofficial reading version -

With excerpts from the General Regulations for Master's Degree Programs at Philipps-Universität Marburg of 13 September 2010 (Official Bulletin of Philipps-Universität Marburg, No. 52/2010), as amended from time to time. To improve readability, the original version of 08 December 2021 and the 1st set of amendments of 5 June 2024 have been collected into this document.

The legal validity of the Examination Regulations published in the Official Bulletin of Philipps-Universität Marburg remains unaffected.

The Departmental Councils of the Departments of Geography and Business and Economics, in accordance with §50(1) Hesse Higher Education Act (HHG), as amended on 14 December 2009 (GVBl. I p. 22/2009, p. 666), last amended by Article 1 Act of 14 December 2021 (GVBl. p. 931) on 8 December 2021, have adopted the following Degree Program and Examination Regulations:
on 5 June 2024 the 1st amendment to the Regulations:

Degree program and examination regulations
for the degree program

„Sustainable Development“

leading to the degree

„Master of Science (M.Sc.)“

Philipps-Universität Marburg

dated 8 December 2025

as amended on 5 June 2024

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I. General

§ 1 Scope

These Degree Program and Examination Regulations supplement the **General Regulations for Master's Degree Programs** at Philipps-Universität Marburg of 13 September 2010 (Official Bulletin of Philipps-Universität Marburg, No. 52/2010), as amended from time to time – hereinafter referred to as the General Regulations – and regulate the objectives, content, structure, and organization of the degree program as well as the requirements and procedures for the examination grades in the degree program in “Sustainable Development” with the degree of “Master of Science (M.Sc.)”.

§ 2 Goals of the degree program

The master's degree program in “Sustainable Development” is a research-oriented, interdisciplinary and internationally oriented degree program that systematically prepares students for a career with high analytical standards or for a further academic career. Graduates are qualified for demanding positions in government ministries and agencies, research institutes, international organizations, corporate and political consulting, the media, and management positions in the private sector. Graduates of the degree program are able to explain and analyze the causes, effects, and framework conditions of change processes, critically classify explanatory models and guiding principles of sustainable development, and develop their own concepts for shaping them. They can present the results of their analyses both orally and in writing in a competent and target-group-oriented manner and are able to contribute to technical discussions. The modules of the master's degree program are characterized by the diversity of various academic approaches. On one hand, this allows the appropriate analytical methods to be selected for the respective issue and, on the other, preserves an intellectual openness and culture of discussion. The program combines the teaching of theoretical knowledge, methods, and applications. This enables graduates to understand interconnected human/nature systems based on a variety of tools; conduct empirical research projects; and demonstrate communication, leadership, and teamwork skills.

§ 3 Master's degree

(1) The master's examination is passed if all modules specified in § 6 have been successfully completed.

(2) Upon successful completion of the degree program in accordance with (1), the Departments of Geography and Business and Economics award the academic degree “Master of Science (M.Sc.)”.

II. Study-related provisions

§ 4 Admission requirements

(1) The general admission requirement for the master's degree program is proof of completion of a relevant bachelor's degree program in the field of economics or geography or proof of a comparable domestic or foreign university degree with a professional qualification.

From the comparable university degree, a basic knowledge of economics or geography must be demonstrated. Knowledge of the social sciences can be incorporated in parts.

The required knowledge is present if the corresponding degree provides evidence of at least 50 credits (Leistungspunkte, LP) in the foundations of a subject. Of the 50 credits, at least 30 must be earned in economics or geography (excluding modules in methodology); up to 20 credits can be earned in the social sciences (excluding modules in methodology).

In addition, methodological expertise in the form of at least 10 credits in the fields of qualitative research, mathematics, statistics, econometrics, cartography, empirical social research, or empirical economic research must have been earned in the completed degree program. Proof must be provided that instruction in the knowledge from the areas mentioned above has been given but not about applying it, as the master's degree program is more research-oriented.

If no degree certificate with an overall grade is available by the application deadline, enrollment may be conditional. The prerequisite for an underlying bachelor's degree with a scope of 180 credits is that proof of passed module examinations or partial module examinations to the extent of at least 80% of the credits required for the bachelor's degree in question is provided. The proof must contain an average grade that has been determined on the basis of the graded module examinations and partial-module examinations within the scope of the proven 80% of the credits required for the bachelor's degree. Enrollment can take place under the proviso that all coursework and examination grades of the bachelor's degree have been completed before the start of the master's degree (deadline: 30 September if the master's degree program starts in the winter semester) and that proof of the degree certificate is provided by the end of the lecture period of the first subject semester.

(2) In addition, sufficient knowledge of the English language (at least level C1 in accordance with the "Common European Framework of Reference for Languages") must be demonstrated, as the degree program is in English.

(3) The aptitude assessment committee appointed by the departmental council (Fachbereichsrat) pursuant to §2 Appendix 6 "Special admission requirements" will decide on the question of the subject-specific relevance of the previous degree program (Vorstudium) as defined in (1).

(4) The aptitude assessment committee appointed by the departmental council in accordance with §2 Appendix 6 "Special admission requirements" decides on the question of the comparability of the university degree within the meaning of (1).

(5) The aptitude examination committee appointed by the departmental council in accordance with §2 Appendix 6 "Special admission requirements" may link admission to the condition that additional coursework and/or examinations of a maximum of 30 credits are completed. In this case, the degree program may be extended accordingly.

(6) The special access requirements are set forth in Appendix 6.

§ 5 Academic advising

General academic advising is provided by the Central Student Counseling office (Zentrale Allgemeine Studienberatung, ZAS) at Philipps-Universität Marburg. Subject-specific academic advising is usually provided by the professors or by authorized persons.

§ 6 Degree program: structure, contents, degree program curriculum and information

(1) The master's degree program in "Sustainable Development" is divided into the study areas "Background", "Core", "Specialization: Economics", "Specialization: Human Geography" or "Specialization: Physical Geography", "Methods and Analytics", "Electives", "Interdisciplinary", and "Master Thesis".

(2) The degree program consists of modules that are assigned to the various study areas according to (1). The program structure is as follows based on module assignments, the degree to which they are required, and the student's calculated workload in credits (Leistungspunkte, LP):

	<i>Compulsory (Pflicht, PF) / Compulsory elective (Wahlpflicht, WP)</i>	<i>Credits (Leistungspunkte, LP)</i>	<i>Comment</i>
Background		6	
Modules in economics (per Appendix 3: Import Module List)	WP	6	1 module depending on prior knowledge*
Introduction to Geography	WP	6	
Core		24	
Sustainable Development Economics	PF	6	
Modules in economics (per Appendix 3: Import Module List)	PF	6	
Globalization and Sustainable Transformation	PF	6	



Global Change / Planetary Boundaries	PF	6	
Specialization: Economics		12	
Challenges to Sustainable Development	WP	6	
Pathways to Sustainable Transformation	WP	6	
Module in economics (per Appendix 3: Import Module List)	WP	6	
Specialization: Human Geography		0-12	Either Human Geography or Physical Geography must be chosen.
Geographies of Sustainable Transformation	WP	6	
Innovation and Knowledge for Sustainable Development	WP	6	
Economic Growth and Sustainability	WP	6	
Space and Policy	WP	6	
Specialization: Physical Geography		0-12	Either Human Geography or Physical Geography must be chosen.
Climate Change	WP	6	
Life on Land	WP	6	
Soil and Water Resources	WP	6	
Methods and Analytics		12	
Modules in economics (per Appendix 3: Import Module List)	WP	6	
Advanced Statistical Methods	WP	6	
Advanced Empirical Social Research Methods	WP	6	
Environmental Modelling	WP	6	
Remote Sensing	WP	6	



Electives		18	
Internship Small	WP	6	
Internship Medium	WP	12	
Research Internship	WP	6	
Key Qualifications	WP	6	
Modules not previously selected in the areas "Specialization: Economics", "Specialization: Human Geography", "Specialization: Physical Geography", and "Methods and Analytics"	WP	0-18	
Modules per Appendix 3: Import Module List	WP	0-18	
Interdisciplinary		6	
Interdisciplinary Colloquium	PF	6	
Master Thesis		30	
Master Thesis	PF	30	
Total		120	

* The aptitude assessment committee decides on the existing prior knowledge.

(3) After completing the "Background" area, students will be able to explain and apply economic or geographical principles for the analysis of transformation processes from a non-subject-specific perspective.

(4) After completing the "Core" area, students will be able to describe and explain central economic and geographical concepts for the analysis and design of transformation processes and apply them in a solution-oriented manner.

(5) After completing the "Specialization: Economics" area, students are able to describe and explain advanced economic concepts for the application-oriented design of sustainable transformation processes and apply them in a solution-oriented way.

(6) After completing the "Specialization: Human Geography" area, students are able to describe and explain advanced concepts in human geography for the application-oriented design of sustainable transformation processes and apply them in a solution-oriented way.

(7) After completing the "Specialization: Physical Geography" area, students are able to describe and explain advanced concepts in physical geography for the application-oriented design of sustainable transformation processes and apply them in a solution-oriented way.

(8) After completing the "Methods and Analytics" area, students are able to explain and apply specific scientific and scholarly methods for solving problems in the field of sustainable transformation processes.

(9) After completing the compulsory elective area “Electives”, students are able to explain concepts and methods from the field of sustainable transformation processes in an interdisciplinary or practical context, apply them in a solution-oriented manner, and reflect on them.

(10) After completing the compulsory elective area “Interdisciplinary”, students are able to explain, analyze, and reflect on central topics in the area of the Sustainable Development Goals in an interdisciplinary context in the form of presentations and interdisciplinary discussions.

(11) After completing the compulsory area “Master Thesis”, students are able to independently identify a defined problem from the subject area of the degree program within a specified period of time and independently work on and present it in a theory-based manner using suitable methods.

(12) The program is more research-oriented.

(13) The example sequence of the modularized studies is shown in the degree program curriculum (cf. Appendix 1).

(14) General information and regulations in their current form are available on the program-related website at

<https://www.uni-marburg.de/en/studying/degree-programs/sciences/m-sustainable-development>

In particular, the module handbook and the degree program curriculum can be viewed there. Furthermore, a list of the current import and export opportunities for the degree program is published there.

(15) The assignment of the individual courses to the modules of the degree program can be found in the course catalog of Philipps-Universität Marburg, which is made available on the university's homepage.

§ 7 General standard program duration and start of studies

(1) The general standard program duration for the master's degree program in “Sustainable Development” is 4 semesters. On the basis of these Degree Program and Examination Regulations, the departments will ensure a range of courses enabling students to complete all of the coursework required to pass the degree program, including preparing the master's thesis, within the general standard program duration.

(2) The degree program can be started only in the winter semester.

§ 8 Study abroad

(1) A voluntary study abroad period of one semester can be integrated into the degree program without extending the program duration. The third semester is provided for this. The modules planned for this period in accordance with the degree program



curriculum (Appendix 1) are particularly well suited to be completed at foreign universities and are recognized for studies at Philipps-Universität Marburg.

(2) The study abroad Advisory service of the respective departments as well as the offices at Philipps-Universität Marburg responsible for study abroad programs can provide advice to students on various destination universities as well as on internship opportunities abroad, subject requirements, recognition options, and funding opportunities.

(3) Students will complete a learning agreement with their departments and the foreign host university prior to their stay abroad. This kind of learning agreement sets forth the degree program to be completed abroad and the credits to be awarded upon successful completion of a module or course. The students will agree to complete the agreed degree program at the host university as an integral part of their studies and the departments will recognize the credits earned. The learning agreement is binding on the parties involved. To conclude a learning agreement, it is essential that the targeted learning outcomes and skills largely coincide. It is not necessary that the content be the same.

(4) In justified exceptional cases, the learning agreement can be modified or adapted before and during the stay abroad at the request of the student in agreement with the department. The consent of the foreign host university is also required.

(5) Departures from the commitments made in the learning agreement will be permitted after the fact only if they are not the student's fault and appropriate documentation is provided.

§ 9 Structural variant of the degree program

The master's degree program in "Sustainable Development" corresponds to the structural variant of a "two-subject degree program".

§ 10 Modules and credits

The provisions of §10 General Regulations apply.

Extract of text from the General Regulations:

§10 Modules, credits and definitions

(1) The course offerings are provided in modular form.

(2) In accordance with their degree of obligation, modules are designated as compulsory and compulsory elective modules. In accordance with their levels and didactic function, modules are additionally marked as follows:

- a) Basic modules,
- b) Advanced modules,
- c) Specialization modules,
- d) Practical modules, §11(1),
- e) Profile modules, §11(3),
- f) Final modules, §23(1).

(3) Students' workload is represented by credits (Leistungspunkte, LP) in accordance with the European Credit Transfer and Accumulation System (ECTS). One credit (LP) corresponds to a total student



workload in the classroom and independent study of 25 to a maximum of 30 hours of time. The concrete hourly value of a course of study is determined in each case in the module handbook, see §6(3) and §20(5f).

(4) The total effort required to achieve the goals of a semester is usually 30 credits. Deviations within the limits of up to 3 credits are possible but should be made up for within one academic year. Care must be taken to maintain a balanced workload throughout the course of study.

(5) One module comprises 6 credits (LP) or 12 credits (LP). In justified exceptional cases, this rule may be deviated from; the module size should then be a multiple of 3 credits and not exceed 18 credits.

(6) Modules extend over one or, at maximum, two semesters. If modules extend over two semesters, the associated courses must be offered and attended in immediately consecutive semesters.

(7) The prerequisite for the award of credits is the successful completion of the entire module.

(8) Participation in a module can be made dependent on passing other modules. To maintain greater flexibility with regard to individual study planning and still support graduation within the standard period of study, only essential participation requirements can be defined.

§ 11 Practical modules and profile modules

(1) The master's degree program in "Sustainable Development" does not include an internal practical module in accordance with §6 of these Degree Program and Examination Regulations. As part of the master's degree program in "Sustainable Development" external practical modules are provided for in the study area "Electives" in accordance with §6 of these Degree Program and Examination Regulations. If the student has been unable to find an internship site despite efforts, the department may arrange a suitable external internship site within a reasonable time frame. If this effort fails, an external internship can be replaced by the other modules provided for in §6 of these Degree Program and Examination Regulations for the respective study area. In addition to the module handbook, more detailed provisions for the implementation of external practical modules are made by the internship regulations (Appendix 5).

(2) Student engagement in the field of university self-administration, in particular in the context of sustainable development, totaling 180 hours, can be credited as a Key Qualifications Profile Module with 6 credits; the Examination Committee decides on the crediting of achievements and the documents required for this upon application.

(3) In all other respects, the provisions of §11 of the General Regulations apply.

Extract of text from the General Regulations:

§11 Practical modules and profile modules

(1) To improve labor market skills, degree programs may include internal and external practical or internship modules (Praxismodule). External practical modules are usually ungraded and earn only a "pass" or "fail"; internal practical modules are usually graded. More detailed provisions on the external internship can be made in addition to the module description in any internship regulations as an appendix to the Examination Regulations.

(2) If the student has been unable to find an internship site despite efforts, the department may arrange a suitable external internship site within a reasonable time frame. In lieu of or in addition to this, the department can ensure that equivalent modules (internal offers) can be taken which are coordinated with the practical module in terms of the skills to be taught and in the assessment modalities (graded/ungraded).

(3) In addition to the subject-specific modules, the degree programs will include profile modules that serve the students' character formation or general labor market aptitude. These modules can be taken as part of the degree program or, if applicable, as part of other degree programs or outside of degree programs (e.g., at the Language Center, University Computer Center). The Examination Regulations

may stipulate that credit or recognition can be granted for special student engagement in self-administration or comparable activities (to be specified in the Examination Regulations) that serve their general labor market qualification. The conditions under which grades in the area of profile modules can receive credit and recognition are regulated by the Examination Regulations. Employment relationships as well as activities that are customarily considered employment cannot be counted for credit.

(4) If the intention is for a student to acquire expertise integrated into a subject module that qualifies him or her for the labor market, this should be evident from the title of the module, and the proportionate scope of the key qualifications should be shown in credits.

§ 12 Module and course registration and module and course deregistration

(1) Modules and courses generally require a binding registration.

(2) The registration and deregistration procedure as well as the registration and deregistration deadlines will be announced in a timely fashion on the degree program-related website in accordance with §6(14). In the event of limited capacity, module or course placements are allocated in accordance with §13 of these Degree Program and Examination Regulations.

§ 13 Access to compulsory elective modules or courses with limited participation options

(1) Registration caps may be set for compulsory elective modules and courses by means of a departmental council resolution, provided that this is absolutely necessary for the implementation of orderly teaching and degree program operations and for the achievement of the educational objective. Whenever the number of participants is fixed, this will be announced in an appropriate manner and in a timely fashion before the start of the compulsory elective module or course.

(2) For a compulsory elective module or a course with limited capacity, there is no entitlement to participate provided that there is open capacity to take at least one other alternative compulsory elective module or course.

(3) If the number of registrations for a compulsory elective module or course exceeds the number of available spots, a selection must be made.

The selection will be conducted by lot.

In all cases, it must be ensured that, within the framework of the available capacity, hardship cases are considered in advance, in particular those as defined by §26(1) and (2) (Priority Group 1) and students with a special interest in participation (Priority Group 2). A special interest exists in particular for students:

- For whom the compulsory elective module or course is required due to an internal specialization,
- Who did not receive a spot in a previous semester despite having registered, even though the degree program curriculum provided for the compulsory elective module,



- Who previously did not pass the compulsory elective module or course, if repeating the module or course is required to retake the examination.

If, in individual cases, the available spots are not sufficient for consideration of the two priority groups, students from Priority Group 1 must have priority registration; within each group, the decision is then made by drawing lots.

§ 14 Application of modules across degree programs

(1) Modules are planned that are based on the provisions of other degree programs ("import modules") in terms of what they offer and their examination rules. More detailed information on these modules is summarized in Appendix 3.

(2) Modules offered in the master's degree program in "Sustainable Development", which can also be completed as part of other programs, are subject to the provisions of §20(4) of these Degree Program and Examination Regulations as well as §14(2) General Regulations.

Extract of text from the General Regulations:

§14 Application of modules across degree programs

(2) The Examination Regulations should contain modules that are open to students of other degree programs and comprise 6 or 12 credits ("export modules"). These offerings consist of a single basic module or coordinated module packages totaling 12, 18 or 24 credits. Larger module packages may also be provided whose credit counts must be divisible by 6. In the case of two-semester master's degree programs, it is possible to waive the designation of module packages totaling 18 or 24 credits. Parts of modules cannot be exported. In justified cases, a part of a module may also be assigned to different modules.

§ 15 Coursework and compulsory attendance

(1) If specified in the module list, attendance is compulsory for all or certain courses of a module. Course attendance in itself does not count as coursework; only physical presence is checked. Regular attendance is then a prerequisite for admission to the module examination or for the award of credits. Attendance must be ascertained in an appropriate manner. If attendance is required, the maximum allowable absence rate is 20%. For absences in excess of this, the Examination Committee may allow the missed time to be compensated upon justified request in cases of hardship, e.g. by making up certain work.

(2) In all other respects, the provisions of §15 General Regulations apply.

Extract of text from the General Regulations:

§15 Coursework and compulsory attendance

(1) In contrast to examinations (Prüfungsleistungen), coursework (Studienleistungen) is characterized by the fact that no credits (Leistungspunkte) are awarded for completing it. Coursework remains ungraded. Coursework may be a prerequisite for admission to the module examination. If the module examination (e.g. an oral presentation) takes place prior to the completion of the coursework, the award of credits is dependent on the completion of the coursework.

III. Examination-related provisions

§ 16 Examination Committee

(1) The departmental councils will appoint the Examination Committee.

(2) The Examination Committee will consist of:

1. Three members from among the professors,
2. One research assistant, and
3. One member from among the students.

One substitute member will be elected for each member.

(3) The term of office, the chairpersonship, quorum and other issues are governed by §16 General Regulations.

Extract of text from the General Regulations:

§16 Examination Committee

(1) An Examination Committee (Prüfungsausschuss) appointed by the departmental council (Fachbereichsrat) is responsible for each degree program. It is permissible to form a joint committee among multiple degree programs.

(2) If a degree program is offered jointly by several departments, the Examination Regulations will usually stipulate that a joint Examination Committee be formed.

(3) Each Examination Committee must have at least five members, including three members who are professors, one member who is an academic research assistant (wissenschaftliches Mitglied), and one student. If larger examination committees are provided for, all groups should participate, and professors must constitute the majority. One substitute member will be elected for each member. The term of office for nonstudent members will be two years; for student members, one year. Reelection is possible.

(4) The members and deputy members will be appointed by the departmental council(s) on nomination by their respective group representatives. The Examination Committee will elect a chair and a deputy chair from among its members. She or he must be eligible to administer examinations.

(5) The Examination Committee will have quorum if at least half of its members or alternate members are present and the meeting has been duly convened. It does not meet in public. Resolutions are adopted by a majority of the votes of those present. In the event of a tie, the chair shall have the deciding vote. Secret ballots are not permitted for examination matters.

(6) In the case of examination matters that involve a member of the Examination Committee personally, his or her membership will be suspended with respect to that matter and he or she will be excluded from deliberation and decision-making on that matter.

(7) The members of the Examination Committee have the right to be present at oral examinations. This right does not extend to the deliberations and announcement of the grade.

(8) The members of the Examination Committee are subject to official secrecy. They must be sworn to secrecy by the chair, unless they are civil service employees.

§ 17 Tasks of the Examination Committee and the Examination Administration

The provisions of §17 General Regulations apply.

Extract of text from the General Regulations:

§17 Duties of the Examination Committee



(1) The Examination Committee is responsible for ensuring that the provisions of the Examination Regulations are observed. In particular, it has responsibility for the following duties:

1. Organizing the entire examination process;
2. Appointing examiners (Prüfer/Prüferinnen) and observers (Beisitzer/Beisitzerinnen);
3. Deciding on permission to take examinations (Prüfungszulassungen);
4. Deciding on credit (Anrechnungen) in accordance with §19;
5. Issuing requirements to make up credit for coursework and examinations (Studien- und Prüfungsleistungen) in the context of recognition under §19(7);
6. Submitting placement recommendations for transfer students for submission to the Registrar's Office (Studierendensekretariat);
7. Issuing the certificate, diploma, transcript of records and diploma supplement in a timely fashion;
8. Archiving the dataset using a template provided by the administration;
9. Reporting annually to the departmental council and the office the dean (Dekanat), in particular regarding the development of program duration, student demand for the various compulsory elective modules including module import and exports, and the allocation of module and overall grades;
10. Supervising and controlling the administration of examinations;
11. Submitting suggestions to reform Degree Program and Examination Regulations.

(2) The Examination Committee may delegate the award of examination credit and other duties to the chair. The Examination Committee may delegate the responsibility for the award of credit in the context of study abroad programs pursuant to §8 to the ECTS Officer, who will carry out the award of credit for work on behalf of the Examination Committee. The chair of the Examination Committee and, if applicable, the ECTS Officer will consult the committee in all cases of doubt.

(3) To perform individual duties, in particular for the ongoing administration of examinations, the committee will otherwise make use of its office (Examinations Office, Prüfungsbüro).

(4) Individual decisions by the Examination Committee must be immediately communicated in writing to the students involved. Notices must be accompanied by instructions on how to appeal.

§ 18 Examiners and observers

The provisions of §18 General Regulations apply.

Extract of text from the General Regulations:

§18 Examiners and observers

(1) Only professors or other persons authorized to administer examinations in accordance with §18(2) HHG may be appointed as examiners (Prüfer/Prüferinnen). Only persons who have passed at least the relevant graduation examination or a comparable examination will be appointed as observers (Beisitzer/Beisitzerinnen).

(2) For written examinations, the examination committee will normally consist of one examiner. The written thesis and written examinations, which cannot be repeated and which may lead to the loss of the right to take the examination, must be assessed by two examiners.

(3) Oral examinations must be administered either by several examiners or by one examiner in the presence of an expert observer. Minutes must be taken. The observer must be heard before the assessment is determined.

(4) The examiners and the observers are subject to official secrecy. They must be sworn to secrecy by the chair of the Examination Committee, unless they are employed as civil servants.

§ 19 Recognition of academic grades and examination results

The provisions of §19 General Regulations apply.

Extract of text from the General Regulations:

§19 Recognition of academic grades and examination results

(1) In the event of a change of postsecondary institution or degree program, coursework and examinations taken at a higher education institution (Hochschule) or a state or state-recognized



vocational college (Berufsakademie) will be recognized if there is no significant difference between them and the credits (Leistungen) they are intended to replace.

Significant differences as defined under clause 1 will exist in particular if coursework and examination credits differ significantly from the respective degree program at Philipps-Universität Marburg in terms of the qualification goals, scope and requirements. This should not be a schematic comparison but rather an overall consideration and evaluation, with particular attention to the qualification goals achieved.

A reversal of the burden of proof applies to recognition. If the university is not able to prove the substantial difference, the coursework and examination achievements must be recognized.

The applicant is obligated to provide sufficient information for the assessment (information obligation).

(2) Knowledge and skills acquired outside of institutions of higher education may be awarded credit (angerechnet) toward a higher education degree program if the knowledge and skills to be awarded credit are equivalent to the coursework and examinations they are intended to replace and if the criteria for awarding credit have been reviewed as part of the accreditation process pursuant to §14(2) HHG. In total, no more than 50% of the examination credits required for the degree program may be replaced by the awarded credit. §28 and §60 HHG remain unaffected.

(3) If program and examination credits are recognized, the grades – insofar as the grading systems are comparable – shall be adopted and included in the calculation of the overall grade in accordance with §28. The awarded credits (anerkannte Leistungspunkte) specified in the Degree Program and Examination Regulations are included with the recognized credits. In the case of noncomparable grading systems, only the remark “passed” is included. Awarded credit will be identified as “recognized” (anerkannt) on the transcript, grade transcript and full transcript of records.

(4) The final modules are modules that characterize the degree program in a special way. Recognition is excluded. This does not apply to final modules taken at another university under a prior contractual agreement.

(5) Decisions on the recognition of credits are made by the applicable Examination Committee. The applicant shall submit to the Examination Committee the documents required for recognition, showing the assessment, credit points and dates of all examination credits that he or she has previously earned at another degree program or at other universities. The documents should also show which examinations and coursework were not passed or repeated.

(6) If the requirements of paragraphs 1 and 2 in conjunction with paragraph 3 are met, there is a legal entitlement to recognition.

(7) If recognitions are granted, they can be linked to conditions regarding study and examination achievements that need to be made up. The applicant must be notified in writing of any conditions and any deadlines for fulfillment of the conditions.

(8) Failed attempts in degree programs will be recognized if they would have been recognized if they had been passed.

§ 20 Module list, import and export module list and module handbook

(1) The modules to be completed as part of the degree program are summarized in the module list (Appendix 2) and in the list of import modules (Appendix 3). These lists as well as §6 provide the type of modules, their allocation to the various areas of the degree program, choices among modules and within modules, the prerequisites for participation in the modules as well as the credits to be earned, the form of examination, assessment and the expertise objectives. In the case of import modules, the original module lists of the offering degree program provide this information.

(2) The offer of import modules is subject to the provision that changes to the modules can be made by the offering academic units (in particular, for example, due to accreditations). This does not require an amendment to these Degree Program and Examination Regulations. Such changes will be announced by the Examination

Committee in a timely fashion on the program website. In addition, the Examination Committee may decide that in general or in individual cases upon a justified petition, additional modules may be allowed as import modules, provided that the offering department or institution agrees to this.

(3) Further information with detailed module descriptions as well as the current range of import modules will be published in a module handbook on the program website.

(4) The range of export modules is shown in Appendix 4.

§ 21 Examinations

The provisions of §21 General Regulations apply.

Extract of text from the General Regulations:

§21 Examinations

(1) As a rule, examinations may only be taken by regular students of the Philipps-Universität Marburg who are registered at the time of the examination and who have not lost their right to take the examination. The module, within the framework of which the performance in question is rendered, must either be assigned to the degree program regulated by the Examination Regulations or as an import module in accordance with §14(1) to (3) to another degree program or be offered by a department (Fachbereich) or an academic unit (wissenschaftliche Einrichtung) at Philipps-Universität Marburg in accordance with the provisions of these regulations. §54(5) HHG (Profoundly gifted and talented students) remains unaffected.

(2) Module examinations are taken during the course of study. With them, the respective module is completed. Through the module examination, the candidate should demonstrate that he or she has achieved the qualification objectives defined in the module list.

(3) Modules usually conclude with a single module examination. If an Examination Regulations provide for partial module examinations, it is generally necessary to pass all partial module examinations to pass the module. Insofar as the Examination Regulations permit a balancing of grades between the module components, in the case of repetition of failed partial module examinations, the most recent grades earned count. The repetition of a partial-module test is not permitted if it has already been passed or could be compensated by another partial module and thus the module has been passed. In the case of grade balancing, the Examination Regulations may stipulate that certain partial examinations must be passed or that no partial examination may be assessed with 0 points in accordance with §28(2) in order for the module to be passed. In the module list, the respective weighting of the partial module examinations to the overall grade for the module, expressed in credits (Leistungspunkte), must be indicated.

(4) No more than a total of six module examinations or partial module examinations should be scheduled per semester in accordance with the standard curriculum.

(5) The module examinations and, if applicable, partial module examinations will take place in oral, written or another format in accordance with §22. The format and duration of the module examinations and, if applicable, partial module examinations of the individual modules must be regulated in the module list (Appendix 3). The format for examinations must be specified. Up to three variants can be named if the examination formats are equivalent in what they require, provided the examination conditions (e.g. preparation time and level of the examination) are to be equivalent over the long term. If multiple examination formats are planned, the examination format on the respective examination date will be determined by the examiner and announced along with the date. The duration of the examination should be specified with a time span either generally for all intended forms of examination in §22 Examination Regulations or, if possible, quantified for the individual examinations on the module list.

(6) Participation in module examinations and, if applicable, partial module examinations requires permission to take the examination after a prior binding registration in accordance with §24(4).



(7) Students in the same degree program are entitled to listen in on oral examinations. This does not apply to the consultation and the announcement of the examination result. Depending on the space available, the number of listeners may be limited. At the request of the candidate, the public may be excluded.

(8) The examiner shall decide on the aids that may be used in an examination. A list of permitted aids must be announced in a timely fashion before the examination.

§ 22 Examination types and durations, completion times, scope

(1) Written examinations will take the form of:

Written exams (Klausuren) (including “e-exams” (“E-Klausuren”)), which may also be administered in whole or in part as choose-an-answer examinations (multiple-choice procedure).

- Term papers (Hausarbeiten)
- Projects (Projektarbeiten)
- Internship reports (Praktikumsberichte)
- The Master’s thesis (Masterarbeit)

(2) Oral examinations will take the form of

- Presentations

Oral examinations may be conducted as electronic distance examinations in accordance with the Statutes for the Conduct of Electronic Distance Examinations of Philipps-Universität Marburg dated 12 October 2022, as amended.

(3) Additional examination forms include:

- Portfolios
- Papers/presentations (Referate)

(4) The following durations or completion times and scopes are assigned to the aforementioned examination types. In the case of written examinations that are not conducted under supervision, the total time available to take the tests should be longer. The duration of written exams (Klausuren) is between 45 and 120 minutes. The duration of presentations (Präsentationen) is between 10 and 60 minutes (per student). The scope of term papers (Hausarbeiten) and projects (Projektarbeiten) is approx. 3,500-8,000 words. The working time for term papers (Hausarbeiten) and projects (Projektarbeiten) is between 2 and 4 weeks (in the sense of an actual examination duration). The scope of a portfolio (Portfolio) is approx. 1,200-8,000 words. The working time for portfolios is between 2 and 4 week (in the sense of an actual examination duration). The scope of a paper/presentation (Referat) is approx. 3,500-8,000 words. The working time for a paper/presentation (Referat) is between 2 and 4 weeks (in the sense of an actual examination duration). The scope of the internship report (Praktikumsbericht) is approx. 2,000 words. The working time for the internship report (Praktikumsbericht) is approx. 1

week (in the sense of an actual examination duration). The scope of the master's thesis is approx. 14,000-35,000 words.

(5) Multimedia-based written examinations ("e-exams") will take place in accordance with the provisions in the General Regulations, Appendix 6.

(6) Multiple-choice examinations will take place in accordance with the provisions in the General Regulations ("choose-an-answer examinations"), Appendix 8.

(7) The corresponding regulations of the Degree Program and Examination Regulations for the degree programs from which the modules are imported, as amended, will apply to the import modules in accordance with Appendix 3.

(8) In all other respects, the provisions of §22 General Regulations apply.

Extract of text from the General Regulations:

§22 Examination types

(1) It must be ensured that the format of the examinations is suitable for assessing the acquisition of the respective expertise provided for.

(2) Examinations are taken as:

1. Written examinations (e.g., in the form of written examinations, term papers, written assignments, minutes, thesis papers, reports, drawings, and descriptions);

2. Oral examinations (e.g., in the form of individual or group oral examinations, specialized discussions, colloquia, oral thesis defenses); in the case of group examinations, the group size is limited to a maximum of five students;

3. Other examination formats (e.g., in the form of seminar lectures, papers, presentations, software creation, qualitative and quantitative analyses or preparations).

(3) The Examination Regulations should provide for students to complete modules with different forms of examinations during the degree program.

(4) The duration of examinations should be 60 to 120 minutes for written examinations and 20 to 30 minutes for oral examinations (per student). Term papers should have a minimum of two and a maximum of four weeks of working time (in the sense of a "standard examination period, which is equivalent to 90 to 180 hours, 3 to 6 credits). The total time provided to work should cover a longer period of time.

(5) For multimedia-based written examinations ("e-examinations"), the provisions set forth in Appendix 6 apply.

§ 23 Master's thesis

(1) The master's thesis (final thesis) is a compulsory component of the degree program. The master's thesis must be done in English; it may also be prepared in other languages in consultation with the Examination Committee.

(2) The master's thesis is an examination paper with which the candidate is to demonstrate the ability to independently work on a delimited problem from the subject area of Sustainable Development using scientific/scholarly methods within a specified period of time. The aim is to enable the candidate to work independently on specific problems and issues of sustainable development in a structured and methodical manner, drawing on theoretical knowledge and acquired methodological and content-related skills. The scope of the master's thesis is 30 credits.

(3) The master's thesis may be prepared as an individual thesis or as a group thesis. In this case, the contribution of the individual candidate to be assessed as an examination performance must be clearly distinguishable and assessable on the basis of the specification of sections, page numbers or other criteria that allow a clear differentiation.

(4) Permission to write the master's thesis requires that at least 60 credits have been earned.

(5) The candidate will propose an adviser and a reviewer authorized as examiner as the first reviewer for the master's thesis. The candidate also has the right to propose the second reviewer. The adviser and the first examiner can be identical persons. These proposals do not justify any claim. The first reviewer must be appointed by the Examination Committee for the examination of master's theses. The topic of the master's thesis is submitted to the Examination Committee by the first reviewer and assigned by the examination committee. If the candidate does not find an adviser and a first reviewer, the chair of the Examination Committee will appoint the adviser and the first reviewer and ensure that a topic for the master's thesis is issued in a timely fashion.

(6) The total period of time allowed to complete the master's thesis is 6 months. The topic of the thesis must be such that it can be written within this period. An extension of the thesis-writing time up to a maximum of 20% (e.g. due to unforeseen problems in obtaining literature or data) is possible upon justified petition by the candidate; this does not lead to the award of additional credits. The thesis-writing time begins upon issuances of the topic; the issue date must be recorded. The topic should be issued in a timely manner such that, even if an extension of the thesis-writing time is granted, there is no extension of the program duration.

(7) The master's thesis must be submitted in a timely fashion to the Examination Committee or to a body designated by it in 2 printed copies as well as in digital form in accordance with the specifications of the Examination Committee. The time of submission must be recorded. When submitting the thesis, the candidate must give written assurance that she or he wrote the thesis independently and did not use any sources or aids other than those indicated. If the master's thesis is not submitted on time, it will be graded as "insufficient" (0 points) in accordance with §28(2) General Regulations.

(8) The master's thesis is failed if the overall grade is not at least 5 points ("sufficient") in accordance with §28 (2) General Regulations; it can be repeated once. The Examination Committee will ensure that the candidate receives a new topic within six weeks of notification of the failure. A return of the topic within the period specified in (7) (cl. 1) General Regulations is permitted only if the candidate did not make use of this option when writing the master's thesis for the first time. A second repetition of the master's thesis is excluded.

(9) In all other respects, the provisions of **§23 General Regulations** apply.

<p><u>Extract of text from the General Regulations:</u> §23 Master's thesis</p>
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- (1) The master's thesis (graduation paper) is a mandatory component. The master's thesis constitutes either an independent final module or, together with a colloquium or oral defense, a joint final module.
- (2) The master's thesis is an examination paper with which the candidate must demonstrate an ability to work independently on a defined problem from the subject area of the range of subjects considered for the degree program within a given period of time and following scientific and academic methods. The Examination Regulations describe the examination objective of the final thesis with specific reference to the overall qualification intended with the degree program, specifying the number of credits allocated to the final thesis. The scope of the master's thesis is 15 to 30 credits.
- (3) The master's thesis must generally be written as an individual work. If the Examination Regulations permit group graduation projects, an individual candidates' contribution, which should be evaluated as an examination, must be clearly distinguishable and assessable on the basis of the indication of sections, page numbers or other criteria that enable a clear delimitation.
- (4) The Examination Regulations define the conditions under which admission to the master's thesis can take place.
- (5) The candidate will propose an adviser and a reviewer authorized as examiner as the first reviewer for the master's thesis. The adviser and the first examiner can be identical persons. These proposals do not establish an entitlement. The first reviewer must be appointed by the Examination Committee for the examination of master's theses. The topic of the master's thesis is submitted to the Examination Committee by the first reviewer and assigned by the Examination Committee. If the candidate does not find an adviser and a first reviewer, the chair of the Examination Committee will appoint the adviser and the first reviewer and ensure that a topic for the master's thesis is issued in a timely fashion. There is no right of nomination for the second examiner.
- (6) The topic of the graduation project must be of such a nature that it can be worked on within the allotted time. The working time for the master's thesis is specified in the Examination Regulations. Notwithstanding §26, an extension is possible by a maximum of 20% of the working time (e.g., due to unforeseen problems in obtaining literature or data); it may not lead to the award of additional credits (Leistungspunkte). The thesis-writing time begins upon issuances of the topic; the issue date must be recorded. The topic should be issued in a timely manner such that, even if an extension of the thesis-writing time is granted, there is no extension of the program duration.
- (7) The topic can be returned in only once, and only within the first two weeks of the working period. A new topic must be submitted immediately but within four weeks at the latest. Once the topic has been issued, the scheduled working time resumes.
- (8) The master's thesis can be carried out at an external department or at an external academic institution in Germany or abroad, provided that academic supervision is guaranteed. The decision will be made by the Examination Committee.
- (9) The master's thesis must be submitted by the deadline to the Examination Committee or an office designated by the Examination Committee. The Examination Regulations regulate how many copies and in what form they must be submitted. The time of submission must be recorded in the records. When submitting the thesis, the candidate must give written assurance that he or she wrote the thesis independently and did not use any sources or aids other than those indicated. If the master's thesis is not submitted on time, it will be graded as "insufficient" (0 points) in accordance with §28(2).
- (10) The master's thesis must be evaluated by two examiners. The Examination Committee forwards the master's thesis to the first reviewer. At the same time, the Examination Committee appoints another reviewer from the group of authorized examiners for a second evaluation and forwards the thesis to that person. At least one of the two reviewers should be authorized to conduct examinations at the relevant department at Philipps-Universität Marburg. The review should be available no later than six weeks after submission of the thesis.
- (11) If both evaluations come back with assessments either less than 5 points or greater than or equal to 5 points, the evaluation of the master's thesis is determined by averaging. If, in this case, the two assessments do not differ by more than three points in accordance with §28(2), the average of the two assessments will be calculated in accordance with §28(3)(clauses 2 and 3); otherwise, the Examination Committee will arrange for an additional assessment, and the average of all three assessments will be calculated in accordance with §28(3)(clauses 2 and 3). If one of the assessments is less than 5 points and the other is greater than or equal to 5 points, the Examination Committee will also arrange for another assessment. The graduation project grade is then the median of the grades from the three reports.



(12) The master's thesis has not been passed if the overall grade has not earned at least 5 points (grade of "sufficient" (ausreichend)) in accordance with §28(2); it may be repeated once. If the final module includes a colloquium or an oral defense, this examination may also be repeated once. §30(2) shall not apply. The Examination Committee will ensure that the candidate is given a new topic within six weeks of being notified of the failure. The topic may be returned only within the period specified in paragraph 7, clause 1 if the candidate did not make use of this option when first preparing the master's thesis. A second repetition of the master's thesis is excluded.

(13) If the master's thesis is part of a final module together with another examination, grade balancing for a failed master's thesis is not permitted. Grade balancing for the colloquium or the oral defense can be provided in accordance with §21(3).

§ 24 Examination dates, examination registration and deregistration

(1) The Examination Committee will announce the periods of examinations and repeat examinations. Dates for examinations and other examination dates that are equally valid for all participants of a module are announced in the course catalog. Examination dates to be agreed individually (e.g., presentations) will be flagged in the course catalog with the note "n. V." (*nach Vereinbarung*, i.e., "by arrangement").

(2) Examinations will be administered within the framework of the respective module courses or immediately thereafter. If examinations take place after module courses, they should generally be offered in a two- to three-week examination period at the end of the lecture period or at the beginning or end of the subsequent lecture-free period. As a rule, written exams (Klausuren) should take place on the same day of the week and at the same time as the corresponding module course. The examiner should also provide for the preparation of examinations, such as term papers, during the lecture-free period.

(3) For the repetition of examinations, the first repetition date will be set in such a way that, in the case of successful participation, continued study in the following semester is guaranteed.

(4) Binding registration is required for participation in an examination. The Examination Committee will announce the deadlines and the form of registration in an appropriate manner no later than 4 weeks before the start of the registration period. Permission to take the examination will be denied if the registration deadline is not met or if examination permission requirements are not met.

(5) When registering for examinations, students can autonomously choose between the first date and the repeat date. When choosing the date for the repeat examination, no further repeat examination will be offered in the same semester in case of failure. In this case, if subsequent modules build on each other (consecutive modules) and require the failed module, continuous study in deviation from §24(3) cannot be guaranteed the following semester.

(6) A binding examination registration can be withdrawn without stating reasons, provided that this is done within the deadline set for this by the Examination Committee. These deadlines as well as the format for the withdrawal will be announced together with the corresponding regulations for registration.



(7) Upon application with justification to the Examination Committee, alternative dates will be set for examinations that cannot be taken due to limitations on work for religious regions. Proof of membership in the appropriate religious community must be submitted with the application. The application must be submitted no later than four weeks before the examination date.

§ 25 Time requirements to earn credits

The provisions of §25 General Regulations apply.

Extract of text from the General Regulations:

§25 Time requirements to earn credits

The Degree Program and Examination Regulations cannot stipulate that students must complete certain modules or certain minimums of credits within subject semester limits to be specified in more detail.

§ 26 Family support and accommodations for hardships and informal part-time study

(1) In courses and examinations, consideration must be given to the stress caused by pregnancy and raising children, by caring for relatives in need, and by a student's disability or chronic illness. The type and severity of the hardship must be demonstrated by the student(s) in a timely fashion to the person responsible for the event or to the examiner using appropriate documents. In cases of doubt, the Examination Committee will decide upon written petition. In cases of illness, the Examination Committee may require a medical certificate from a public health officer. It must be made possible for students to utilize statutory maternity protection periods and parental leave.

(2) If a student can credibly demonstrate that she or he is unable to take the examination in whole or in part in the scheduled form due to a disability, a chronic illness, the care of dependents in need, pregnancy, or the raising of children, the Examination Committee will provide accommodations for these by taking appropriate measures, such as an extension of the test-taking time or a different arrangement of the examination procedure.

(3) In accordance with the applicable legal regulations, the degree program may, upon petition, be conducted in whole or in part as an informal part-time program. In the case of an approved informal part-time study, there is no entitlement to the provision of special teaching and study opportunities. In all cases, academic advising is strongly recommended before initiating informal part-time study.

§ 27 Absence, withdrawal, fraud, violation of regulations

(1) Coursework will be deemed to not have been passed, or an examination will be graded as "insufficient" (0 points) in accordance with §28(2) General Regulations if the candidate misses an examination date that is binding on her or him without good reason or if she or he withdraws without good reason from a course or examination which she

or he has already started. The same applies if a course or examination is not completed within the specified completion time.

(2) Notice of the cause asserted for the failure or withdrawal must be given in writing without delay and must be credible. In the case of illness, a medical certificate must be submitted. In this case, credit for any test results that already exist must be awarded.

(3) If the candidate attempts to influence the result of coursework or examination grades through deception or unauthorized aides, the respective coursework will be considered not passed or the applicable examination result will be "insufficient" (0 points) in accordance with §28 (2) General Regulations. A candidate who disrupts the proper performance of a type of coursework or an examination may be excluded from continuing the performance of the type of coursework or examination by the respective examiner or supervising person; in this case, the respective coursework will also be deemed to not have been passed, or the examination will be graded as "insufficient" ("nicht ausreichend", 0 points) in accordance with §28 (2) General Regulations. In serious cases, the Examination Committee can exclude the candidate from taking further examinations, so that the examination entitlement in the degree program expires.

(4) Decisions in accordance with (1) to (3) must be communicated to the candidate in writing without delay, they must be substantiated and they must be accompanied by instructions on how to appeal.

§ 28 §28 Grading and grade composition

(1) The modules "Electives" are not assessed with points, in deviation from §28(2) General Regulations. The module "Interdisciplinary Colloquium" in the study area "Interdisciplinary" is also not graded with points.

(2) The overall grade for the master's examination in points in accordance with Column (a) in the table in §28(6) General Regulations is calculated from the mean value of the module evaluations weighted by credits (LP). Modules not graded with points (ungraded) are not taken into account.

(3) In all other respects, the provisions of §28 General Regulations apply.

Extract of text from the General Regulations:

§28 Grading and grade composition

(1) The grades for the individual examination assessments will be determined by the respective examiners.

(2) A grading system is used that correlates points (Punkte) to grades (Noten). The examination grades must be assessed with 0 to 15 points in accordance with the following table:

(a)	(b)	(c)	(d)
Points (Punkte)	Assessment in the traditional grading system	Grade in words	Definition

15	0.7	very good/magna cum laude (sehr gut)	outstanding performance/summa cum laude (hervorragende Leistung)
14	1.0		
13	1.3		
12	1.7	good or cum laude (gut)	achievement that is significantly above the average requirements
11	2.0		
10	2.3		
9	2.7	satisfactory (befriedigend)	achievement that meets average requirements
8	3.0		
7	3.3		
6	3.7	sufficient (ausreichend)	achievement that, despite its shortcomings, still meets the requirements
5	4.0		
4	5.0	insufficient (nicht ausreichend)	achievement that no longer meets the requirements due to significant shortcomings
3			
2			
1			
0			

(3) Assessments for modules comprising several partial examinations in accordance with §21(3) are calculated from the points (Punkte) of the partial examination grades weighted by credits (Leistungspunkte). The values determined during averaging are rounded, and all decimal places are deleted. Round up to the nearest whole number if the tenths are 0.5 or greater; otherwise round down. However, for values greater than or equal to 4.5 but less than 5.0, round down to 4 points.

(4) A student has passed an examination graded in points if at least 5 points have been earned.

(5) In deviation from paragraph 2, external practical modules are graded as "passed"/"not passed" (bestanden/nicht bestanden). The Examination Regulations may stipulate that other modules in addition to the external practical modules are not assessed with points (i.e. remain ungraded). The total amount of modules graded "passed"/"not passed" will be limited to a maximum of 20% of the total credits (LP) to be earned in the program.

(6) The overall assessment of the master's examination in points, in accordance with column (a) of the following table, is generally calculated from the mean value of the module assessments weighted by credits (LP). Modules not assessed with points in accordance with paragraph 5 are disregarded. The total point value is shown to one decimal place, and all following decimal places are deleted without rounding. The overall evaluation of the master's examination must also be expressed in accordance with the following table as a decimal grade following column (b) and in words following column (c).

(a)	(b)	(c)
Average point total	Decimal grade	Assessment
14.9–15.0	0.7	



14.6–14.8	0.8	excellent/Summa cum Laude (ausgezeichnet)
14.3–14.5	0.9	
13.9–14.2	1.0	
13.6–13.8	1.1	
13.3–13.5	1.2	very good/magna cum laude (sehr gut)
13.0–13.2	1.3	
12.7–12.9	1.4	
12.5–12.6	1.5	
12.2–12.4	1.6	
11.9–12.1	1.7	
11.6–11.8	1.8	
11.3–11.5	1.9	
10.9–11.2	2.0	good or cum laude (gut)
10.6–10.8	2.1	
10.3–10.5	2.2	
10.0–10.2	2.3	
9.7–9.9	2.4	
9.5–9.6	2.5	
9.2–9.4	2.6	
8.9–9.1	2.7	
8.6–8.8	2.8	
8.3–8.5	2.9	
7.9–8.2	3.0	satisfactory (befriedigend)
7.6–7.8	3.1	
7.3–7.5	3.2	
7.0–7.2	3.3	
6.7–6.9	3.4	
6.5–6.6	3.5	
6.2–6.4	3.6	
5.9–6.1	3.7	
5.6–5.8	3.8	sufficient (ausreichend)
5.3–5.5	3.9	
5.0–5.2	4.0	

(7) If more credits are earned in an elective than are designated, those modules completed first will be considered in determining the final grade; if more than one module is completed in the same semester, the ones with higher grades will count. The Examination Regulations may provide for regulations deviating from clause 1. If an individual module results in not only achieving but exceeding the credits

designated for the elective, that module will be weighted and reported only with the credits (Leistungspunkte) necessary to achieve the designated credits.

(8) The overall assessment is converted into the relative grading system of the European Credit Transfer and Accumulation System (ECTS). Module examinations can also be implemented, accordingly. For this purpose, the points are awarded as a relative ECTS grade, indicating the rank within a peer group who have passed the applicable examination:

A = ECTS grade of the top 10%

B = ECTS grade of the next 25%

C = ECTS grade of the next 30%

D = ECTS grade of the next 25%

E = ECTS grade of the next 10%

Examinations that have not been passed are graded as follows:

FX / F = not passed

§ 29 Nonbinding examination option

There is no provision for a nonbinding examination option.

§ 30 Repetition of examinations

(1) Passed examinations cannot be repeated.

(2) Examinations that have not been passed may be repeated twice.

(3) The one-time change of up to two definitively failed compulsory elective modules is permitted.

(4) §23 (8) (cl. 1 and 2) General Regulations (Master's Thesis and Oral Defense) and §21

(3) (cl. 3) General Regulations (compensated partial module tests) remain unaffected.

§ 31 Loss of the right to take the examination and final failure

(1) The right to take examinations in the degree program for which the student is enrolled is definitively lost in particular if

1. An examination has not been passed after all retake attempts have been exhausted, unless it is an examination in a module pursuant to §30 (3);
2. There is a serious case of deception pursuant to §27 (3) (cl. 3).

(2) A notice of definitive failure and the associated loss of the right to retake the examination will be issued, which will be accompanied with instructions on how to appeal.

§ 32 Invalidity of examination results

The provisions of §32 General Regulations apply.

Extract of text from the General Regulations:

§32 Invalidity of examination results

- (1) If the candidate has cheated on an examination and this fact becomes known only after the master diploma has been issued, the grade on the examination may be corrected or the master examination may be declared "not passed" (nicht bestanden).
- (2) If the prerequisites for taking a module examination were not fulfilled without the candidate intending to commit fraud with regard to this, and if this fact becomes known only after the certificate has been issued, this deficiency is resolved by passing the examination. If the candidate has obtained admission to an examination by deception, the module examination is considered "insufficient" (nicht ausreichend) (0 points) in accordance with §28(2).
- (3) The candidate must be given the opportunity to respond before a decision is made.
- (4) The incorrect certificate (Zeugnis) shall be withdrawn and, if necessary, a new one issued. The diploma (Urkunde), the diploma supplement (Diploma-Supplement) as well as the transcript of records and the complete grade transcript (Leistungsnachweis) must also be returned along with the incorrect certificate (Zeugnis) if the master examination was declared "not passed" due to fraud.

§ 33 Certificate

The provisions of §33 General Regulations apply.

Extract of text from the General Regulations:

§33 Certificate (Zeugnis)

- (1) The candidate will receive a certificate of the passed master examination immediately, if possible within four weeks, in accordance with the binding template used at Philipps-Universität Marburg. The certificate for the master examination must indicate the modules with points and credits earned, the topic of the graduation thesis and the awarded points as well as the overall evaluation in points and the grade in accordance with §28(6).
- (2) The Examination Regulations may stipulate that the master's degree certificate must indicate major fields of study.
- (3) If the Examination Regulations provide for the grouping of modules into content-related areas and/or elective subjects and for their identification on the certificate, the assessment of the area is stated in points and as a numerical grade in accordance with §28(6).
- (4) The certificate will be signed by the chair of the Examination Committee. The certificate bears the date on which the last examination grade was earned.
- (5) If a candidate has definitively not passed the examination, the Examination Committee will issue him or her a certificate upon request containing the module examinations taken and their grades and the number of credits earned and indicates that the examination is definitively not passed.
- (6) In addition, an English translation of the certificate will be issued (see binding template used at Philipps-Universität Marburg).

§ 34 Diploma

The provisions of §34 General Regulations apply.

Extract of text from the General Regulations:

§34 Diploma (Urkunde)

- (1) At the same time as the master examination certificate (Zeugnis), the candidate will also receive the master diploma (Urkunde) with the date of the certificate. It certifies the awarding of the academic degree (see binding template used at Philipps-Universität Marburg). The diploma (Urkunde) is signed by the chair of the Examination Committee and the dean (Dekan/Dekanin) and bears the seal of Philipps-Universität Marburg.

(2) In addition, an English translation of the diploma (Urkunde) will be issued (see binding template used at Philipps-Universität Marburg).

§ 35 Diploma Supplement

The provisions of §35 General Regulations apply.

Extract of text from the General Regulations:

§35 Diploma supplement

Together with the certificate and the transcript, a diploma supplement is issued in accordance with the international requirements; the text agreed upon between the German Conference of University Presidents (Hochschulrektorenkonferenz) and the Standing Conference of the State Ministers of Culture in the Federal Republic of Germany (Kultusministerkonferenz) must be used in the currently valid version (see binding template used at Philipps-Universität Marburg).

§ 36 Transcript of Records and complete grade record

The provisions of §36 General Regulations apply.

Extract of text from the General Regulations:

§36 Transcript of records and complete grade record

(1) Upon request, the candidate will be issued a certificate of passed examinations in the form of a data transcript (Transcript of Records) following the ECTS standard (see binding template used at Philipps-Universität Marburg). Upon completion of the degree program, a transcript of records will be issued along with the certificate, diploma and diploma supplement.

(2) Upon request, the candidate will be issued a complete transcript of all tests/examinations completed in the degree program (including failed attempts and withdrawals) (see binding template used at Philipps-Universität Marburg).

IV. Final provisions

§ 37 Inspection of the examination documents

The provisions of §37 General Regulations apply.

Extract of text from the General Regulations:

§37 Inspection of examination documents

Upon request, the candidate will be granted access to his or her examination documentation, including the grading assessment on the master's thesis and the examination records, promptly after the announcement of examination results. The Examination Committee will determine the place and time of inspection.

§ 38 Effective date and transitional provisions

(1) These regulations come into force on the day after their publication in the Official Bulletin of Philipps-Universität Marburg.

(2) These Degree Program and Examination Regulations will apply to all students who commence their studies from the winter semester 2022/23.



The first amendment applies as of winter semester 2024/25 to all students studying in the master's degree program in "Sustainable Development" toward the degree Master of Science (M.Sc.) in accordance with the Examination Regulations dated 8 December 2021, as amended.

Completed and ongoing module examination procedures are not affected; modules that were started before winter semester 2024/25 must be completed in accordance with the regulations of 8 December 2021, as amended.

Marburg, 09 March 2022
signed

Prof. Dr. Thomas Brenner
Dean of the Department of Geography at
Philipps-Universität Marburg

Marburg, 14 March 2022
signed

Prof. Dr. Bernhard Nietert
Dean of the Department of Business and
Economics at Philipps-Universität
Marburg

Marburg, 20 August 2024
signed

Prof. Dr. Peter Chiffard
Dean of the Department of Geography at
Philipps-Universität Marburg

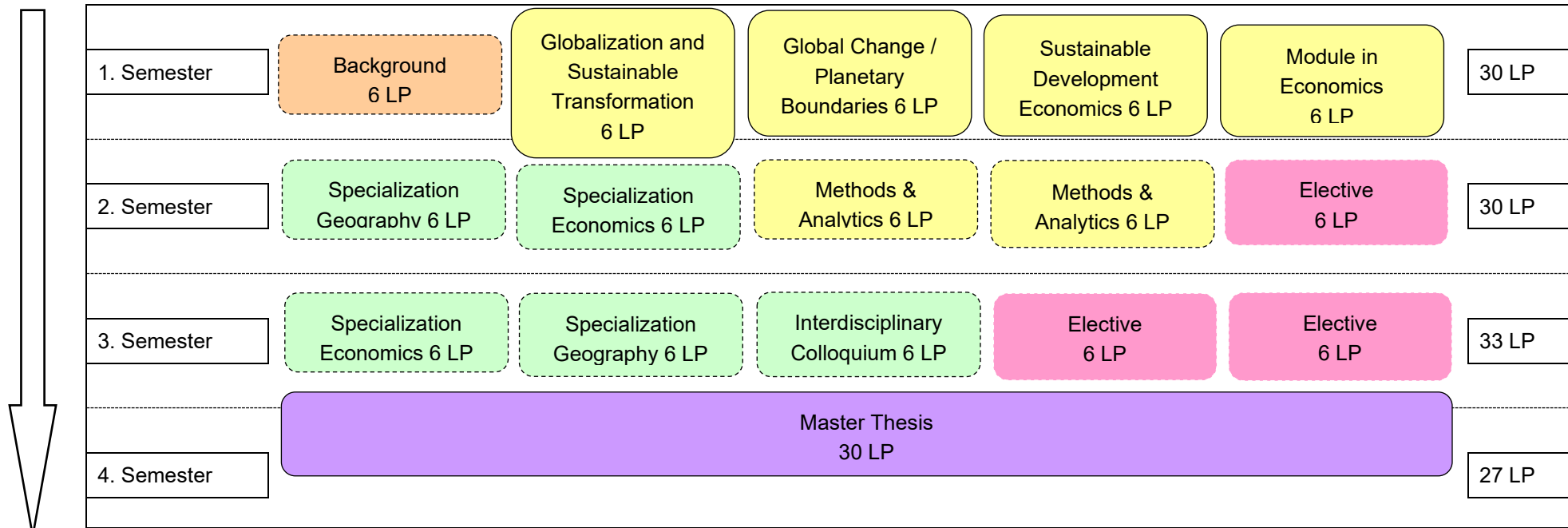
Marburg, 26 August 2024
signed

Prof. Dr. Bernhard Nietert
Dean of the Department of Business and
Economics at Philipps-Universität
Marburg

Appendix 1: Exemplary degree program curriculum

Exemplary degree program curriculum - M.Sc. in Sustainable Development

Start possible only for **winter semester**



Legend

Compulsory module

Compulsory elective modules

Basic



Advanced



Specialization



Profile



Final





Appendix 2: Module list

Module name	LP	Degree of obligation	Level	Qualification goals	Prerequisites for participation	Prerequisites for the awarding of LPs
<i>Introduction to Geography</i>	6	WP	Basic	<p>Students acquire basic knowledge and understand the interdependence and change of human/environment relationships. They will learn the scientific foundations of the research perspectives and approaches of the two pillars of human and physical geography. They will systematically deal with subject-specific questions and theoretical concepts in different areas of human geography (population, economic, innovation geography, peripheral and urban areas) and physical geography (biogeography, climate, soil, and hydrogeography) and can apply these to problems of sustainable development.</p> <p>Students are able to present the state of scientific knowledge and current discussions and to name the basic connections, specific methods, and important technical terms. They will analyze and evaluate different methods for understanding complex relationships using a specific example.</p>	None	<p>Coursework: 2-6 presentations <i>or</i> 6-10 exercises <i>or</i> project (each also possible as group work)</p> <p>Module examination: Portfolio <i>or</i> paper/presentation (Referat) <i>or</i> project (each also possible as group work)</p>



Module name	LP	Degree of obligation	Level	Qualification goals	Prerequisites for participation	Prerequisites for the awarding of LPs
				Students will expand their social and communication skills through group work, discussions, and presentations.		
<i>Sustainable Development Economics</i>	6	PF	Advanced	After participating in the module courses, students will be able to understand the expected effects of climate change on various social dimensions and to evaluate and further develop interventions to combat poverty, inequality, health, education, gender, and energy. Students acquire the methodological skills of impact evaluation in order to analyze interventions and apply them independently to their own projects.	None	<p>Variant A Module examination: Term paper (Hausarbeit) <i>or</i> presentation (each also possible as group work) <i>or</i> written exam (Klausur)</p> <p>Variant B Coursework: 6-8 worksheets <i>or</i> paper/presentation (Referat) (10-30 minutes) <i>or</i> term paper (2,800-3,500 words) <i>or</i> test (30-60 minutes)</p> <p>Module examination: Term paper (Hausarbeit) <i>or</i> presentation (each also possible as group work) <i>or</i> written exam (Klausur)</p>
<i>Globalization and Sustainable Transformation</i>	6	PF	Advanced	The aim of the module is to convey the human geography perspective of the spatial-temporal change of human/environment relationships, their relationality, context-specificity, and	None	Coursework: Successful preparation of 4-8 thesis papers with discussion <i>or</i> successful completion of 6-10 exercises <i>or</i> presentation



Module name	LP	Degree of obligation	Level	Qualification goals	Prerequisites for participation	Prerequisites for the awarding of LPs
				<p>multi-scalarity. By participating in the module events, students are able to demonstrate how the challenges of sustainable development are shaped by the influence of processes at different scales that are closely interrelated. Students are able to independently analyze and explain questions and problems relating to sustainable development in a theory-based manner and to evaluate their spatial effects. To this end, they acquire skills in problem analysis, the application of theoretical and methodological approaches and their critical reflection. Students will expand their social and communication skills through group work, presentations, and discussions. Intercultural understanding is promoted through the development of internationally comparative case studies.</p>		<p>(each also possible as group work)</p> <p>Module examination: Project or portfolio or paper/presentation (Referat) (each also possible as group work)</p>
<i>Global Change / Planetary Boundaries</i>	6	PF	Advanced	In addition to basic factual knowledge of human/environment relationships, students acquire an in-depth conceptual and methodological understanding of the application of geographical regional	None	Coursework: Successful completion of 6-10 exercises or presentation



Module name	LP	Degree of obligation	Level	Qualification goals	Prerequisites for participation	Prerequisites for the awarding of LPs
				<p>analyses in complex spatial impact contexts using specific examples. In the regional analyses, they acquire the ability to analyze and recognize critical system states and tipping points as well as to derive critical threshold values that are caused by anthropogenically induced global change or could occur in the future and feed back to the social system.</p> <p>Students acquire the ability to develop and critically evaluate a defined topic in a problem-oriented manner with the help of basic regional and factual analysis.</p> <p>In addition to the ability to reflect critically, students who have successfully completed the module will be able to carry out, present, and evaluate problem-oriented regional analyses independently.</p>		<p>(each also possible as group work)</p> <p>Module examination: Project or portfolio or paper/presentation (Referat) (each also possible as group work)</p>
<i>Challenges to Sustainable Development</i>	6	WP	Specialization	After participating in the module courses, students will be able to describe the specific challenges of low-income countries and fossil fuel exporters as well as the social and economic conflicts of interest that can	None	<p>Variant A</p> <p>Module examination: Term paper (Hausarbeit) or presentation (each also</p>



Module name	LP	Degree of obligation	Level	Qualification goals	Prerequisites for participation	Prerequisites for the awarding of LPs
				block the implementation of sustainable development. Students acquire a conceptual and methodological understanding of the trade-offs in a) sustainable development goals b) normativity in sustainability research; they discuss the role of uncertainties and political-economic processes.		possible as group work) or written exam (Klausur) Variant B Coursework: 6-8 worksheets or paper/presentation (Referat) (10-30 minutes) or term paper (2,800-3,500 words) or test (30-60 minutes) Module examination: Term paper (Hausarbeit) or presentation (each also possible as group work) or written exam (Klausur)
<i>Pathways to Sustainable Transformation</i>	6	WP	Specialization	After participating in the module courses, students will be able to analyze and evaluate empirical findings on individual behavioral changes and social transformations and link them with findings from economics, psychology, sociology, and related disciplines as well as discuss economic policy measures and political-institutional reforms.	None	Variant A Module examination: Term paper (Hausarbeit) or presentation (each also possible as group work) or written exam (Klausur) Variant B Coursework: 6-8 worksheets or paper/presentation (Referat) (10-30 minutes) or



Module name	LP	Degree of obligation	Level	Qualification goals	Prerequisites for participation	Prerequisites for the awarding of LPs
						term paper (2,800-3,500 words) <i>or</i> test (30-60 minutes) Module examination: Term paper (Hausarbeit) <i>or</i> presentation (each also possible as group work) <i>or</i> written exam (Klausur)
<i>Geographies of Sustainable Transformation</i>	6	WP	Specialization	Students acquire a conceptual and methodological understanding of the application of subject-specific concepts in the spatial consideration of sustainable development and socioecological transformation processes and the resulting conflicts. They are able to design and implement projects for a specific problem. In this context, they can collect and evaluate spatial data, interpret the results obtained and derive scientific and/or political statements from them. Students acquire problem-solving skills related to their professional field.	None	Compulsory Attendance Coursework: Successful completion of 6-10 exercises <i>or</i> successful development of 4-8 thesis papers with discussion <i>or</i> presentation (each also possible as group work) Module examination: Project <i>or</i> portfolio <i>or</i> paper/presentation (Referat) (each also possible as group work)
<i>Innovation and Knowledge for Sustainable Development</i>	6	WP	Specialization	Students acquire a conceptual and methodological understanding of new forms of innovation (social and sustainability innovation) that are of	None	Compulsory Attendance Coursework:



Module name	LP	Degree of obligation	Level	Qualification goals	Prerequisites for participation	Prerequisites for the awarding of LPs
				particular relevance for sustainable transformation at regional, national and global level. They acquire subject-specific skills in the spatial consideration of sustainability-oriented innovation processes. They can name the principles of knowledge coproduction in sustainability research and act accordingly, and students are able to analyze and evaluate complex knowledge dynamics, their multi-actor constellations and multi-scalarity. They learn how to design and implement projects based on a specific problem. The collection and evaluation of spatial quantitative and qualitative data, the interpretation of the results and the derivation of scientific and/or political statements play a central role. Students acquire problem-solving skills related to their professional field.		Successful completion of 6-10 exercises <i>or</i> successful development of 4-8 thesis papers with discussion <i>or</i> presentation (each also possible as group work) Module examination: Project <i>or</i> portfolio <i>or</i> paper/presentation (Referat) (each also possible as group work)
<i>Economic Growth and Sustainability</i>	6	WP	Specialization	Students acquire a conceptual and methodological understanding of the application of subject-specific concepts in the area of regional and national growth processes. They learn how to design and implement projects based	None	Compulsory Attendance Coursework: Successful completion of 6-10 exercises <i>or</i> successful development of 4-8 thesis



Module name	LP	Degree of obligation	Level	Qualification goals	Prerequisites for participation	Prerequisites for the awarding of LPs
				on a specific problem. The collection and evaluation of spatial data, the interpretation of the results and the derivation of scientific and/or political statements play a central role. Students acquire problem-solving skills related to their professional field.		papers with discussion <i>or</i> presentation (each also possible as group work) Module examination: Project <i>or</i> portfolio <i>or</i> paper/presentation (Referat) (each also possible as group work)
<i>Space and Policy</i>	6	WP	Specialization	Students acquire a conceptual and methodological understanding of the application of subject-specific concepts in the area of sustainable spatial development and economic policy. They learn how to design and implement projects based on a specific problem. The design of spatial development/spatial economic policy and planning measures and instruments, the collection and evaluation of spatial data, the interpretation of the results and the derivation of scientific and/or spatial development/spatial economic policy/spatial planning statements play a central role. Students acquire	None	Compulsory Attendance Coursework: Successful completion of 6-10 exercises <i>or</i> successful development of 4-8 thesis papers with discussion <i>or</i> presentation (each also possible as group work) Module examination: Project <i>or</i> portfolio <i>or</i> paper/presentation (Referat) (each also possible as group work)



Module name	LP	Degree of obligation	Level	Qualification goals	Prerequisites for participation	Prerequisites for the awarding of LPs
				problem-solving skills related to their professional field.		
<i>Climate Change</i>	6	WP	Specialization	The module deepens special knowledge and skills in the field of climate change and impact research. Individual aspects include the climate system, climate change and climate impacts on the ecological and socioeconomic subsystems of the climate system. Students learn how to design and implement projects based on a specific problem. The collection and evaluation of spatial data (in particular climate-relevant time series and future model projections), the interpretation of the results and the derivation of scientific statements play a central role. Students acquire problem-solving skills related to their professional field.	None	Coursework: Data collection <i>or</i> successful completion of 6-10 exercises <i>or</i> presentation (each also possible as group work) Module examination: Project <i>or</i> portfolio <i>or</i> paper/presentation (Referat) (each also possible as group work)
<i>Life on Land</i>	6	WP	Specialization	The module deepens special knowledge and skills in the field of climate change and biodiversity research. Individual aspects are e.g. plant/environment relationships, organismic distribution patterns, ecological processes, and ecosystem services. Students learn how to design and implement projects based	None	Compulsory Attendance Coursework: Data collection <i>or</i> successful completion of 6-10 exercises <i>or</i> presentation (each also possible as group work)



Module name	LP	Degree of obligation	Level	Qualification goals	Prerequisites for participation	Prerequisites for the awarding of LPs
				on a specific problem. The collection and evaluation of spatial data, the interpretation of the results, and the derivation of scientific statements play a central role. Students acquire problem-solving skills related to their professional field.		Module examination: Project or portfolio or paper/presentation (Referat) (each also possible as group work)
<i>Soil and Water Resources</i>	6	WP	Specialization	The module deepens special knowledge and skills from the focus area of environmental hydrology or applied soil sciences. Individual aspects include soil hydrology, process-oriented catchment area modeling, water management, and water quality. Students learn how to design and implement projects based on a specific problem. The collection and evaluation of spatial data, the interpretation of the results, and the derivation of scientific statements play a central role. Students acquire problem-solving skills related to their professional field.	None	Compulsory Attendance Coursework: Data collection or successful completion of 6-10 exercises or presentation (each also possible as group work) Module examination: Project or portfolio or paper/presentation (Referat) (each also possible as group work)
<i>Advanced Statistical Methods</i>	6	WP	Advanced	The aim of the module is to teach more complex statistical methods, in particular multiple and nonlinear regressions, dealing with spatial data, time series, and panel analyses.	None	Coursework: Successful completion of a project with presentation (15-60 minutes) and in writing (1,100-1,800



Module name	LP	Degree of obligation	Level	Qualification goals	Prerequisites for participation	Prerequisites for the awarding of LPs
				Students can independently select and carry out complex statistical procedures and interpret the results. Practical experience with statistical analyses is gained on the basis of the students' own project.		words) (also possible as group work) Module examination: Written exam (Klausur)
<i>Advanced Empirical Social Research Methods</i>	6	WP	Advanced	In this module, students acquire an advanced methodological and scientific-theoretical understanding of empirical social and economic research. In addition to important theoretical and conceptual foundations, they develop an in-depth spectrum of different methods and discuss the triangulation of methods in relation to the complex issues of sustainable development and apply them. After successfully completing the module, students will be able to develop scientific empirical questions based on theory, develop an empirical research design for analysis, and interpret and present the results.	None	Coursework: Successful completion of 3-5 exercises <i>and</i> presentation (15-60 minutes) (each also possible as group work) Module examination: Project <i>or</i> portfolio <i>or</i> paper/presentation (Referat) (each also possible as group work)
<i>Environmental Modelling</i>	6	WP	Advanced	As part of this module, students deal in depth with geographic information systems and spatial modeling (process models and/or machine learning	None	Coursework: Data collection <i>or</i> successful completion of 6-10 exercises <i>or</i> presentation (15-60



Module name	LP	Degree of obligation	Level	Qualification goals	Prerequisites for participation	Prerequisites for the awarding of LPs
				methods) and acquire the associated methodological skills. Emphasis is placed on operational analysis using GIS modules connected via simple scripting languages (especially R and Python). They will be able to use the systems above to analyze and model data. Through a problem-based learning concept, they will also acquire skills in project management, progress monitoring, and the presentation of results.		minutes) (each also possible as group work) Module examination: Project or portfolio or paper/presentation (Referat) (each also possible as group work)
<i>Remote Sensing</i>	6	WP	Advanced	As part of the module, students will train various methods of remote sensing based on specific questions and acquire the associated skills in the field of geodata processing and analysis. The module is divided into four areas: In the first part, the basics of remote sensing are developed, taking into account both optical passive (multi-/hyperspectral remote sensing) and active (LiDAR) data sources. The second part then focuses on vegetation indices and time series analyses. Finally, the third part of the course focuses on land use classifications before the fourth part	None	Coursework: Field work with data collection or successful completion of 6-10 exercises or presentation (15-60 minutes) (each also possible as group work) Module examination: Project or portfolio or paper/presentation (Referat) (each also possible as group work)



Module name	LP	Degree of obligation	Level	Qualification goals	Prerequisites for participation	Prerequisites for the awarding of LPs
				rounds off the course with the prediction of atmospheric and biodiversity parameters using machine learning methods. The module trains both specialist skills in the field of remote sensing and methodological skills in the field of automated geodata processing and analysis (mainly using R and Python) and geographic information systems (mainly using QGIS). Practical problem-solving skills are trained in the context of exercises.		
<i>Internship Small</i>	6	WP	Practical	Students will be able to apply the technical and methodological knowledge they have acquired in a possible professional field, acquire additional professional and key qualifications, acquire assessment criteria for the goal-oriented and professionally qualifying pathway for further studies, and establish contacts with potential employers.	None	Module examination: Internship report per §5 Appendix 5 Ungraded module
<i>Internship Medium</i>	12	WP	Practical	Students will be able to apply the technical and methodological knowledge they have acquired in a possible professional field, acquire	None	Module examination: Internship report per §5 Appendix 5



Module name	LP	Degree of obligation	Level	Qualification goals	Prerequisites for participation	Prerequisites for the awarding of LPs
				additional professional and key qualifications, acquire assessment criteria for the goal-oriented and professionally qualifying pathway for further studies, and establish contacts with potential employers.		Ungraded module
<i>Research Internship</i>	6	WP	Practical	Students will be able to apply the technical and methodological knowledge they have acquired in a possible scientific field, acquire additional professional and key qualifications, acquire assessment criteria for the goal-oriented and professionally qualifying pathway for further studies, establish contacts with potential research groups and, if necessary, collect and/or test data and methodologies for their master's thesis.	None	Module examination: Internship report per §5 Appendix 5 Ungraded module
<i>Key Qualifications</i>	6	WP	Profile	Students will acquire cross-disciplinary and/or professionally oriented expertise. The key qualifications promote effective learning and simultaneously form a solid foundation for lifelong continuing education in the profession. In addition, graduates will be qualified to respond flexibly to, and adequately deal with,	None	Module examination: Portfolio Ungraded module



Module name	LP	Degree of obligation	Level	Qualification goals	Prerequisites for participation	Prerequisites for the awarding of LPs
				various professional challenges over the course of their working lives.		
<i>Interdisciplinary Colloquium</i>	6	PF	Specialization	After participating in the module course, students will be able to develop a critical, interdisciplinary approach to theoretical models and methodological approaches in the subject areas. Students develop their presentation and argumentation skills in an interdisciplinary group. Students reflect on the normative implications of their research on the basis of environmental ethics, theories of justice or future ethics.	None	Coursework: Discussion of a presentation Module examination: Presentation Ungraded module
<i>Master's Thesis</i>	30	PF	Final	The focus is on acquiring the ability to work independently on a defined topic from the field of sustainable development within a specified period of time using scientific/scholarly methods. Students learn to analyze and argue independently.	Min. 60 credits (LP)	Module examination: Master's thesis



Appendix 3: Import module list

(1) The module offerings listed below can be selected at the time of the resolution on these degree program and examination regulations. Alternatively or additionally, courses from the Marburg Skills study area can be selected. In accordance with § 14 (1) General Regulations, these modules are subject to the specifications of the degree program and examination regulations within which the modules are offered (in particular with regard to qualification objectives, prerequisites, credit points and examination modalities). The possible combinations of modules may be determined by the teaching unit offering them.

(2) The catalog of selectable offerings can be changed or supplemented by the examination committee, especially if the range of offerings provided by the departments at Philipps-Universität Marburg changes. Such changes will be published by the examination committee on the respective degree program website. In individual cases or in general, taking up the offerings listed below may be subject to prior academic advising or binding registration. In the event of capacity restrictions, the respective provisions of the degree program and examination regulations apply. Otherwise, no guarantee is given that the offerings listed below will actually be provided and can be attended.

(3) Upon justified application by the student, it is permissible to approve additional import modules beyond the regular offer in individual cases; this requires the consent of the department or body providing the offerings.

The current import offerings are published as an export offer on the program website of the department offering the module.

Students should take advantage of the relevant information and advisory services offered by the department offering the module before taking up the offering.

Any participation requirements or recommendations as well as combination rules must be observed. If the module provider has specified combination rules and created export packages, there is effectively only a limited range of modules available, depending on the scope of your own import window.

At the time of the last resolution in the departmental council on the present degree program and examination regulations, an agreement existed for the following modules:

Study area	Background	
Offerings in the Instructional Unit	Module title	LP
Business and Economics (Dept. 02), Degree program B.Sc. Economics	Introduction to Institutional Economics	6



Study area	Core	
Offerings in the Instructional Unit	Module title	LP
Business and Economics (Dept. 02), Degree Program M.Sc. Economics and Institutions	Economic Policy	6

Study area	Specialization: Economics	
Offerings in the Instructional Unit	Module title	LP
Business and Economics (Dept. 02), Degree Program M.Sc. Economics and Institutions	Seminar on Economic Policy	6
	Economics of Political Institutions	6

Study area	Methods and Analytics	
Offerings in the Instructional Unit	Module title	LP
Business and Economics (Dept. 02), Degree Program M.Sc. Economics and Institutions	Empirical Economics	6
	Applied Institutional Economics	6

Study area	Electives	
Offerings in the Instructional Unit	Module title	LP
Geography (Dept. 19) Degree Program M.Sc. Economic Geography	All export modules of the exporting degree program	
Degree Program M.Sc. Physical Geography	All export modules of the exporting degree program	
Business and Economics (Dept. 02), Degree Program M.Sc. Economics and Institutions	All export modules of the exporting degree program	
Business and Economics (Dept. 02), Degree Program M.Sc. Business Administration	Selected Topics in Business Administration for Advanced Students I	6
	Selected Topics in Business Administration for Advanced Students II	6



Appendix 4: Export modules

Module name	LP
Introduction to Geography	6
Sustainable Development Economics	6
Globalization and Sustainable Transformation	6
Global Change / Planetary Boundaries	6
Challenges to Sustainable Development	6
Pathways to Sustainable Transformation	6
Geographies of Sustainable Transformation	6
Innovation and Knowledge for Sustainable Development	6
Economic Growth and Sustainability	6
Space and Policy	6
Climate Change	6
Life on Land	6
Soil and Water Resources	6
Advanced Statistical Methods	6
Advanced Empirical Social Research Methods	6
Environmental Modelling	6
Remote Sensing	6
Key Qualifications	6

Appendix 5: Internship regulations

§1 General information

(1) An external internship can be completed as part of the master's degree program in "Sustainable Development". The internship includes a work-related practical activity in an area of sustainable development outside the department (at public and/or private institutions).

(2) Successful completion of the Internship Small module earns 6 credits (LP), successful completion of the Internship Medium module earns 12 credits (LP), and successful completion of the Research Internship module earns 6 credits (LP). All three modules are ungraded. Further information on these modules can be found in the module list (Appendix 2) and in the detailed module description in the module handbook.

(3) In exceptional cases, the Internship Medium module may be divided into sections upon application to the Examination Committee. These sections can also be completed at different institutions, companies, or organizations. In this case, the activity within the individual internship position may not be less than four weeks of full-time work.

(4) Students on in the master's degree program in "Sustainable Development" will independently seek internships that meet the requirements of the Degree Program and Examination Regulations and the students' respective interests. If students are unable to find an internship despite their best efforts, the module coordinator will advise and support them in their search for a suitable internship.

(5) Students remain enrolled at Philipps-Universität Marburg during their internship with all the rights and obligations of regular students. They will not be trainees within the meaning of the Vocational Training Act (Berufsbildungsgesetz).

§2 Aims of the internship

The internship is intended to provide an insight into fields of activity related to sustainable transformation processes, enable the acquisition of additional and key qualifications related to the professional field and facilitate the transition between studies and work.

§3 Internship positions

(1) The internship can be completed at any institution whose areas of activity have clearly recognizable links to the degree program content and to professional fields in the degree program in "Sustainable Development".

(2) The institutions may be located abroad. The module coordinator, the department's study abroad advisory service, and the departments responsible for study abroad at Philipps-Universität Marburg can provide advice on internship opportunities abroad, subject requirements, recognition options, and funding opportunities.

(3) The internship is usually supervised by a scientist with a university degree.

(4) If there is any doubt regarding the suitability of an institution or the qualifications of an instructor, it is strongly recommended that the module coordinator be consulted before commencing the internship. The module coordinator advises students on the choice of internship placement and decides on the recognition of the internship institution or on exceptions to §3(3).

§4 Timing and duration of the internship

(1) As a rule, only activities carried out within the period of enrollment for the master's degree program in "Sustainable Development" can be recognized as part of the "Internship" module. The module coordinator will decide on exceptions to the regulation in clause 1.

(2) The Internship Small module has a length of 4 weeks, the Internship Medium module has a length of 8 weeks, and the Research Internship module has a length of 4 weeks. They can be done full-time or part-time. A contract must be concluded regarding working time regulations in accordance with §7(4).

(3) It is recommended that the internship module be completed during the 3rd semester in the subject.

§5 Recognition and proof of completion

(1) The module coordinator will advise students before taking on the internship and decide on the recognition of the internship.

(2) Proof of successful completion of the Internship Small, Internship Medium, or Research Internship modules is provided in the form of a written certificate from the institution (or written certificates from the various institutions) confirming the completion of internship activities and internship periods, as well as an internship report. The internship report should reflect on the experience gained during the internship and document it in an expertise-oriented manner.

§6 Rights and obligations during the internship

(1) At the beginning of their internship, students must inform themselves about the rights to which they are entitled and the obligations to which they are subject. The module coordinator advises on this by providing appropriate information. Professional ethics problems should be discussed with the supervisor.

(2) In addition, students must comply with the special regulations of the internship location, in particular accident prevention regulations, the working time regulations, and the regulations on confidentiality.

(3) In particular, students are reminded of the following obligations:

- Students must carry out the activities with the necessary care.
- Students are obliged to maintain confidentiality regarding official matters in accordance with the requirements of the internship provider. In addition, the statutory provisions apply, in particular the provisions of the German Criminal Code on the violation of personal privacy and confidentiality (§§201 ff. German Criminal Code).
- If it appears necessary to use internal company information in the accompanying master's thesis that is not generally accessible or that is subject to nondisclosure agreements, it may be published only with the consent of the internship sponsor.

(4) Before commencing an internship, an internship contract will be concluded between the student, the university, and the internship location, which governs rights and obligations during the internship.

Appendix 6: Special admission requirements and aptitude assessment procedures

§1 Area of application

- (1) Admission to the Master's degree program in "Sustainable Development" can be granted only to students who meet the general admission requirements set forth in §4(1 & 2) of the Master's Degree Program Regulations.
- (2) In addition, applicants must have demonstrated their personal aptitude for the subject in the context of an aptitude assessment procedure to be carried out in accordance with the following requirements.

§2 Aptitude assessment committee

- (1) The implementation of the aptitude assessment procedure is the responsibility of the aptitude assessment committee appointed by the departmental councils.
- (2) The commission will be composed of at least one professor from the Department of Business and Economics and at least one professor from the Department of Geography.
- (3) The aptitude assessment committee will report to the departmental councils of the departments after completing the procedure on the experiences and make suggestions for the further development of the procedure.

§3 Application for participation in the aptitude assessment procedure

The application for participation in the aptitude assessment procedure must be submitted in full, in due form and on time using the form provided by the University. The following documents must be attached to the application:

- a) Proof of the first professionally qualifying university degree within the meaning of §4(1) of the Master's Degree Program Regulations
- b) Proof of proficiency in English at language level C1 of the "Common European Framework of Reference for Languages" (CEFR) of the Council of Europe in accordance with §4 of the Master's Degree Program Regulations
- c) A curriculum vitae in tabular form of one DIN A4-size page
- d) A letter of approximately one DIN A4-size page in which the applicant describes her or his suitability in the subject, referring to personal commitment, social skills, and teamwork, intercultural skills, self-reflective work, practical experience in the field of sustainable development, and world language skills
- e) Proof of the reasons for suitability mentioned under c) and d), if applicable

§4 Aptitude assessment procedure

(1) Anyone who has submitted an application in accordance with §3 will participate in the aptitude assessment procedure.

(2) The determination of suitability is based on the following criteria:

a) Overall grade according to §3(a)

Points are awarded for the overall grade in the following way:

Bachelor's degree in the field of economics or geography, or at least a comparable domestic or foreign university degree within the meaning of §4(1) Degree Program and Examination Regulations for this master's degree program

Grade 0.7 to 1.5 (decimal grade 15.0 to 12.5) = 3 points,

Grade 1.6 to 2.5 (decimal grade 12.4 to 9.5) = 2 points,

Grade 2.6 to 3.0 (decimal grade 9.4 to 7.9) = 1 point.

b) Evaluation of the documents per §3(c through e) for personal professional suitability: 0 to 7 points.

aa. One point is awarded for the following evidence:

- One semester of study abroad,
- At least one year of active volunteer work relevant to the degree program.

bb. Up to two points are awarded as follows:

- One point for proof of an internship of at least two months' duration relevant to the degree program,
- Two points for proof of an internship of at least six months' duration relevant to the degree program

cc. Up to two points are awarded as follows:

- One point is awarded for proof of additional, well-founded knowledge in economic or social science methods in the fields of qualitative research, mathematics, statistics, econometrics, cartography, empirical social research, and/or empirical economic research in the amount of 12 credits, over and above the credits required under §4(1) Examination Regulations.
- Two points are awarded for proof of additional, well-founded knowledge in economic or social science methods in the fields of qualitative research, mathematics, statistics, econometrics, cartography, empirical social research, and/or empirical economic research in the amount of 14 credits, over and above the credits required under §4(1) Examination Regulations.

dd. One point is awarded for the application essay in accordance with §3(d).

(3) The prerequisite for admission to the degree program is an overall assessment of the degree of aptitude of at least 6 out of a maximum of 10 points. A report must be drawn up on the essential criteria that led to the result of the evaluation.

§ 5 Completion of the procedure

Applicants who are admitted will receive a written letter of admission from the university. The notice will specify a deadline by which the applicant must register. If enrollment is not completed on time, the admission notice will become void.

Appendix 7: Specifications for multiple-choice examinations (“choose-an-answer examinations”)

(1) For multiple-choice examinations (“choose-an-answer examinations”), tasks are designed in such a way that multiple answer options are provided from which none, one, or multiple correct answers must be selected. Multiple-choice tests must be expressly specified as an examination type in the Degree Program and Examination Regulations.

(2) Multiple-choice tests must be prepared by two authorized examiners. The examiners will formulate questions that are unequivocal and understandable and will determine the unambiguous answer options. In addition, they will draw up the grading rubric (see (3)). The provisions under cl. 2 and 3 must be documented in writing before the examination.

(3) The examination has been passed if the examinee has correctly answered at least 50% of the questions asked (absolute passing threshold). If the examinee has not achieved the absolute passing threshold, the examination will still have been passed if the number of questions correctly answered by the examinee does not fall below the average examination performance of all examinees by more than 20% (relative passing threshold).

(4) For an examination task solved with errors, no points may be deducted earned by correctly answering an examination task (no malus or penalty point deductions).

(5) Unsuitable examination tasks must not be included in the assessment.

(6) If an examination was administered in part following the multiple-choice procedure, then points and weightings must be given for the individual parts. The foregoing explanations apply accordingly to the portion that uses the multiple-choice procedure. The overall grade is calculated as a weighted average grade of the parts of the test.