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HOCHSCHULE OSNABRÜCK
UNIVERSITY OF APPLIED SCIENCES

Study Regulations for the Master's Degree Program Land Use Transformation

adopted by the Faculty Council of the Faculty of Agricultural Sciences and Landscape Architecture on 08.04.2024, approved by the University Steering Committee on 28.05.2025, published on 02.06.2025, in effect from 01.03.2026

§ 1 Reference to Further Regulations

¹These Study Regulations contain the essential binding provisions for the standardized study of the Master's degree program "Land Use Transformation" in conjunction with the Program-Specific Examination Regulations for this degree program and the General Examination Regulations of Osnabrück University of Applied Sciences. ²They bindingly define the structure and content of the study program, in particular the module titles, the semester in which each module may fall, the number and types of graded exams, and the credit points earned. ³The effective versions of all regulations can be found in the official gazette [Amtsblatt] of Osnabrück University of Applied Sciences.

§ 2 Form and Scope of the Examinations

The form and scope of all examinations are defined in Appendix 1.

§ 3 Free Elective Modules

¹Students can obtain up to 5 credit points in the area of compulsory elective modules through any Master-level module(s) in the Master's degree programs at Osnabrück University of Applied Sciences or an accredited Master's degree program outside Osnabrück University of Applied Sciences [regardless of equivalence to modules in the degree catalog]. ²Free elective modules may only be attended if the student fulfills the module's prerequisites and the module lecturer agrees to their participation.

§ 4 Optional Semester Abroad

- (1) ¹In their third semester of study, students may choose to complete a semester abroad in accordance with Para. 2 or a project semester abroad in accordance with Para. 3. ²A semester abroad replaces the compulsory and compulsory elective modules of the third semester completely.
- (2) ¹Through the **Semester Abroad**, students can complete Master's modules amounting to 25 credit points (CP) at an accredited university abroad, provided the content of these modules complements the degree program in a meaningful way. ²The chosen modules abroad must be specified in a Learning Agreement before the start of the study abroad program. ³Changes to the Learning Agreement must be reported within the first four weeks after the start of the lectures at the university abroad. ⁴The modules completed abroad are combined and recognized together under the module "Semester Abroad". ⁵If fewer than 25 CP are acquired at the university abroad, up to 10 CP can be acquired through relevant Master's modules at Osnabrück University of Applied Sciences as a

substitute. ⁶The module "Project Abroad" (5 CP) must be taken in conjunction with the module "Semester Abroad".

- (3) ¹Through the **International Project Semester**, students can earn 30 credit points. ²During the International Project Semester, the student may explore a topic as part of a research project under the supervision of a university lecturer at an international university (research option). ³Alternatively, the student may choose to undertake the International Project Semester outside the university setting by working at a company or another non-university practice institution abroad (transfer option) provided the chosen project topic is suitable for the subject matter of the degree program. ⁴The organization of the International Project Semester and the cooperation with the relevant institutions outside Osnabrück University of Applied Sciences are regulated in the "Regulations for the International Project Semester in the Master's Degree Program Land Use Transformation" (Appendix 2).

§ 5 Effective Date

These regulations come into force after their publication in the official gazette [Amtsblatt] of Osnabrück University of Applied Sciences with effect from the beginning of Summer Semester 2026.



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**Appendixes to the Study Regulations
for the Master's Degree Program Land Use Transformation**

Appendix 1 Curricula and Module Catalog for the Master's Degree Program Land Use Transformation (M. Sc.)

Table 1-1: Curriculum for the Master's Degree Program Land Use Transformation (M. Sc.) –
Start in Winter Semester

Table 1-2: Curriculum for the Master's Degree Program Land Use Transformation (M. Sc.) –
Start in Summer Semester

Table 1-3: Module Catalog for the Master's Degree Program Land Use Transformation (M. Sc.)

Appendix 2 Regulations for the International Project Semester in the Master's Degree Program Land Use Transformation (M. Sc.)

Appendix 1: Curricula und Module Catalog for the Master's Degree Program Land Use Transformation (M. Sc.)

Table 1-1: Curriculum for the Master's Degree Program Land Use Transformation (M. Sc.) – **Start in Winter Semester**

Sem.				
1	Transdisciplinary Project A	Sustainable Transformation	Scientific Work	Elective Module*
2	Transdisciplinary Project B	Governance and Transformation	Elective Module*	Elective Module*
3	Transdisciplinary Project C	Elective Module*	Elective Module*	Elective Module*
	Alternative: Semester Abroad <u>or</u> International Project Semester (according to § 4)			
4	Master Thesis			

Table 1-2: Curriculum for the Master's Degree Program Land Use Transformation (M. Sc.) – **Start in Summer Semester**

Sem.				
1	Transdisciplinary Project A	Governance and Transformation	Elective Module*	Elective Module*
2	Transdisciplinary Project B	Sustainable Transformation	Scientific Work	Elective Module*
3	Transdisciplinary Project C	Elective Module*	Elective Module*	Elective Module*
	Alternative: Semester Abroad <u>or</u> International Project Semester (according to § 4)			
4	Master Thesis			

*Students can freely choose up to 5 credit points in the area of compulsory elective modules (WP) in accordance with § 3.

Table 1-3: Module Catalog for the Master's Degree Program Land Use Transformation (M. Sc.)

Module Name ¹⁾	Status ¹⁾	CP ¹⁾	Examinations ²⁾	
			ungraded	graded
Transdisciplinary Project A	P	15	PR	<u>PSC</u> (2) ⁴⁾ , PME (2) ⁴⁾ , PMU (2) ⁴⁾
Transdisciplinary Project B	P	15	PR	<u>PSC</u> (2) ⁴⁾ , PME (2) ⁴⁾ , PMU (2) ⁴⁾
Transdisciplinary Project C ³⁾	P	15	PR	<u>PSC</u> (2) ⁴⁾ , PME (2) ⁴⁾ , PMU (2) ⁴⁾
Governance and Transformation	P	5	-	<u>R + M (0,5 + 0,5)</u> , HA, M
Scientific Work MAN, MAP, MLT	P	5	-	<u>PR + K2 (0,5 + 0,5)</u> , K2, APM
Sustainable Transformation	P	5	-	PR
Master Thesis (MLT)	P	30	RT + R	SAA mit KQ
Agriculture, Environment and Nutrition Policy	WP	5	-	<u>R + K2 (0,5 + 0,5)</u> , M
Applications of Artificial Intelligence MAL, MAN, MAP, MLT	WP	5	RT	<u>R</u> , K2, M
Biodiversity and Ecosystem Functions	WP	5	RT (Tutorial)	<u>R</u> , HA, M
COALA-Workshop: Digitalization and Sensors for Sustainable Agriculture MAP, MAN, MLT	WP	5	RT (Seminar)	R
Conceptions of Nature in the Anthropocene	WP	5	-	<u>HA</u> , M, PSC
Digital Landscape Architecture MBU, MLA, MLT	WP	5	-	<u>HA</u> , EA, M, K2, PSC
Genome Analysis and its Innovations in Sustainable Crop Production MAP, MAN, MLT	WP	5	RT (Internship)	<u>K2 + PR (0,8 + 0,2)</u> , M, K2
GIS and Environmental Modeling MBU, MLA, MLT	WP	5	-	<u>HA</u> , EA, M, K2, PSC
International Management MAL, MLT	WP	5	-	<u>PSC</u> , K2, M
International Perspectives on Sustainable Land Use	WP	5	-	<u>PR + M (0,5 + 0,5)</u> , M, FSM
International Project Semester ³⁾	WP	30	-	<u>PSC</u> , PME, PMU
Life Cycle Assessment, Resource Efficiency	WP	5	-	FSS
Nutritional Poverty and Nutrition Security	WP	5	-	<u>M</u> , HA

Module Name ¹⁾	Status ¹⁾	CP ¹⁾	Examinations ²⁾	
			ungraded	graded
Planning for Sustainability in Landscape Architecture	WP	5	RT	PSC
Project Abroad ³⁾	WP	5	-	<u>PSC</u> , PME, PMU
Responsive Virtual Spaces	WP	5	-	PME
Restoration Ecology MLA, MLT	WP	5	-	<u>R</u> , HA, M
Risk and Crisis Management in Food Security	WP	5	-	<u>K2</u> , M
Semester Abroad ³⁾	WP	25	-	according to the modules chosen at university abroad
Soils for Climate Change Mitigation and Adaptation MAP, MLT	WP	5	-	<u>R + M (0,5 + 0,5)</u> , HA, EA
Sustainability in Process Management and Optimization	WP	5	-	<u>R + HA (0,5 + 0,5)</u> , M
Sustainable Crop Production MAP, MLT	WP	5	-	<u>R + M (0,5 + 0,5)</u> , HA
Sustainable Land Use and Landscape Transformation	WP	5	-	<u>HA</u> , M, R
Sustainable Livestock Farming MAN, MLT	WP	5	-	<u>M (2)</u> ⁴⁾ , K2
Sustainable Resource Management MBU, MLA, MLT	WP	5	-	<u>M</u> , HA, K2, R
Sustainable Supply Chain Management	WP	5	-	FSS
Turfgrass Culture MAP, MBU, MLT	WP	5	-	<u>M</u> , HA, K3
Transformative Learning	WP	5	-	PFP (EA 50 P. + HA 50 P.)
Urban Forestry MBU, MLA, MLT	WP	5	-	<u>R</u> , HA, M, PSC
Water in Sustainable Landscape Transformation	WP	5	-	<u>R + HA (0,5 + 0,5)</u> , M
Worldwide Urbanization	WP	5	-	<u>HA</u> , R + M (0,5 + 0,5), M

¹⁾Abbreviations:

- MAN Master Applied Livestock Sciences
- MAP Master Applied Plant Sciences
- MBU Master Building – Environment – Management
- MLA Master Landscape Architecture
- MLT Master Land Use Transformation
- CP Credit Points

- P Compulsory Module [Ger.: Pflichtmodul]
 WP Elective Module [Ger.: Wahlpflichtmodule]

²⁾ Abbreviations for the Forms of Examination (according to §§ 5 – 10 of the General Examination Regulations of Osnabrück University of Applied Sciences):

APM	Work sample, media	
APP	Work sample, practical	
APS	Work sample, written	
AWV	Multiple-Choice Exam	
EA	Experimental Work	(written and/or oral)
eKx	E-Written Exam, x-hours	(electronic)
FSM	Case Study, oral	
FSS	Case Study, written	
HA	Term Paper	(in writing and electronically, with explanations from the examinee if requested by the examiner)
KP	Artistic Exam	
KQ	Colloquium	
Kx	Written Exam, x-hours	
LP	Teaching Sample	
LTB	Learning Journal	
M	Oral Exam	
PBM	Field Report, oral	
PBS	Field Report, written	
PFP	Portfolio Exam	
PME	Project Report, media	
PMU	Project Report, oral	
PR	Presentation	(oral report)
PSC	Project Report, written	
R	Report	(oral report discussing a topic, with a written summary)
RT	Regular Participation	(min. 80 % of course hours)
SAA	Final Thesis	

²⁾ Reading Example:

<u>M</u> , K2, HA	The standard form of examination is M (oral exam); alternatively, the examiner can choose one of the other examination forms (K2 / HA) within 4 weeks of the start of lectures in the current semester. The examiner will inform the Office of the Dean of Studies and the students of the change within this period
R + K2 (0,4 + 0,6)	The exam consists of two parts: an oral report with written summary + a 2-hour written exam Weighting of the partial grades when the exam includes two forms of examination

³⁾ "Transdisciplinary Project C" is not required as a compulsory module if students decide to spend a semester abroad; instead, the corresponding elective module combination "Semester Abroad" + "Project Abroad" or the elective module "International Project Semester" is taken (see § 4).

⁴⁾ Number of examiners

Appendix 2: Regulations for the International Project Semester in the Master's Degree Program Land Use Transformation (M. Sc.)

§ 1 Aim

The aim of the International Project Semester (IPS) is to apply the knowledge and skills acquired in the degree program up to that point in an IPS related to the professional field.

§ 2 General Principles

- (1) ¹The IPS will be completed at an institution abroad where typical tasks for future professional activities are carried out and where the students are provided with professional guidance. ²This may be a university or university of applied sciences (research option), a company or a company-like organization (transfer option).
- (2) ¹When the student registers for the IPS module, the supervisor at Osnabrück University of Applied Sciences will confirm that they are willing to supervise the student. ²In addition, when registering for the module, the student must declare whether they are undertaking a research option (at an international university or university of applied sciences) or a transfer option (at a non-university practice institution abroad).
- (3) The details of the tasks to be completed during the IPS will be determined in a supervision agreement between the student, the supervisor at Osnabrück University of Applied Sciences and the supervisor at the institution abroad.
- (4) ¹Under the transfer option, the IPS is carried out under the supervision of Osnabrück University of Applied Sciences in firms, companies, public agencies, professional associations, and comparable institutions in the professional field. ²A contract between the student and the institution will form the basis of the student's activity and establish the cooperative relationship. ³This can be an employment, service or internship contract or a cooperation agreement with similar legal effect. ⁴This cooperation agreement can be recognized as a supervision agreement if it contains all the necessary information.
- (5) ¹During the IPS, students remain members of Osnabrück University of Applied Sciences and retain all associated rights and obligations. ²A change of institution during the IPS is possible if the student has compelling reasons and the consent of the supervisor at Osnabrück University of Applied Sciences.

§ 3 Duration

¹The IPS takes place in the 3rd semester of study and is worth 30 credit points. ²It encompasses a period of 6 consecutive months. ³The student must generally be released from study obligations in order to complete the IPS in accordance with the supervision agreement.

§ 4 Supervision

- (1) Within the framework of the IPS, the supervisor at the university or practice institution abroad, as specified in the registration form, is responsible for supervising the student.
- (2) The student is responsible for finding a supervisor at the university or practice institution abroad.
- (3) The supervisor at the university or practice institution abroad will also serve as the contact person for Osnabrück University of Applied Sciences.
- (4) ¹In order to coordinate the supervision of the IPS, the student must prepare a scientific exposé in the first 8 weeks. ²This exposé must be submitted to and agreed upon with the supervisor at Osnabrück University of Applied Sciences.

§ 5 Obligations of the Student

The student is obliged to:

- find, independently and in good time, a suitable assignment and supervision at Osnabrück University of Applied Sciences and at the university or practice institution abroad,
- diligently carry out the tasks agreed upon with the persons named under § 4 and follow their instructions,
- observe the statutory provisions and regulations applicable to the institution, in particular work regulations and accident prevention regulations as well as regulations on confidentiality and data protection,
- observe the points regulated in the supervision agreement,
- if applicable, obtain written confirmation from the practice institution that the 6-month project period has been properly completed. This confirmation must be submitted unsolicited to the supervisor at Osnabrück University of Applied Sciences.

§ 6 Obligations of the Practice Institution

The university or practice institution abroad is obliged to:

- employ the student based on the objectives stated under § 1 and in the exposé and in accordance with the supervision agreement,
- support the student in carrying out the task of the IPS and provide them with access to the necessary information, documents, and data,
- grant the student time off for any compulsory attendance and examination dates,
- observe the points regulated in the supervision agreement, in particular the registration with an accident insurance provider,
- issue a written certificate confirming the duration of the placement at the end of the IPS.

§ 7 Form of Examination and Assessment

- (1) For the IPS examination, the student must submit a written project report including a scientific exposé in accordance with § 4 Para. 4.
- (2) For the IPS, the supervisor from Osnabrück University of Applied Sciences is the examiner and grades the student based on the project report.
- (3) If the IPS is assessed as “failed”, the examiner will decide what new work must be performed.