

Departmental examination regulations for the
Master of Geomatics
of the Neubrandenburg University of Applied Sciences
from 20.05.2021

On the basis of the framework examination regulations of the Neubrandenburg University of Applied Sciences dated 16 August 2017 combined with section 2 paragraph 1 and section 38 paragraph 1 of the State University Act of Mecklenburg-Vorpommern in the version of the notification dated 25 January 2011 (Mecklenburg-Vorpommern State Gazette, p. 18), last amended by article 1 of the Act dated 28 September 2020 (Mecklenburg-Vorpommern State Gazette, p. 878), the Neubrandenburg University of Applied Sciences has issued the following departmental examination regulations for the Master of Geomatics as a statute:

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Appendices

1. Study and examination schedule
2. Diploma supplement

Section 1
Decision, higher education degree
(Section 2 Framework examination regulations)

(1) The provisions and regulations of the framework examination regulations of the Neubrandenburg University of Applied Sciences apply in addition to the provisions of these departmental examination regulations.

(2) The Master's programme at the Neubrandenburg University of Applied Sciences in the course 'Geomatics' is awarded with the professional qualification:

Master of Engineering – abbreviation M.Eng.

Section 2
Normal duration of study
(Section 3 Framework examination regulations)

(1) The normal duration of study for the Master's programme until attainment of the appropriate tertiary qualification is 1.5 years (three semesters), including the time for the full Master's examination. The time required to prepare the final thesis is also included in this period.

(2) For international students who have not yet completed a work placement, the normal duration of study can be extended by one semester. The Examination Board makes a decision in this regard on an individual basis.

(3) The Master's programme is a full-time course.

Section 3
Entry requirements
(Section 7 Framework examination regulations)

(1) Entry to the Master of Geomatics is regulated by the State University Act and the enrolment regulations of the Neubrandenburg University of Applied Sciences.

(2) The following prerequisites must be satisfied to enable entry to the Master of Geomatics:

1. Completion of a Bachelor degree in a related field of study with 210 ECTS points or
2. Evidence of an academic qualification recognised on the basis of section 10 of the framework examination regulations as equivalent or
3. Completion of a diploma qualification in an affiliated course at a university in the Federal Republic of Germany.

(3) Course applicants must provide evidence of sufficient proficiency in the English language to B2 level of the Common European Framework of Reference for Languages as follows:

- IELTS test
- TOEFL test
- Cambridge Certificate (B2 First)

(4) A period of at least three years living in an English-speaking region, a first tertiary qualification with English as the primary teaching language or equivalent attainments are also valid as evidence of sufficient English language proficiency. Native speakers are exempt from this obligation to provide proof. In case of doubt, the examination board decides about recognition of sufficient language proficiency upon the request of the Enrolments and Examination Office. Knowledge of German is recommended.

(5) Deviating from paragraph 2(1), if it is not possible to provide evidence of 210 ECTS points for a Bachelor course, it may be possible to obtain additional ECTS points by attending classes at the Neubrandenburg University of Applied Sciences. The Examination Board makes individual recommendations for such classes from the compulsory elective modules in the Faculty of Landscape Sciences and Geomatics in order to ensure that the qualification objectives are specifically achieved. Evidence of having attended additional classes is defined as a condition in the notification of admission. In case of doubt, the Examination Board decides whether the condition has been met. The normal duration of study is extended by one semester.

(6) If the consecutive Master's programme is to be completed immediately after the previous Bachelor's course and the Bachelor or other qualification certificate is still not available after the application deadline has passed for reasons for which the applicant is not responsible, applicants can be granted provisional entry to the course up to six weeks after the deadline provided that they have acquired at least 180 ECTS.

Section 4

Compulsory attendance

(Section 5 Framework examination regulations)

(1) The module descriptions (Appendix 2 of the departmental study regulations) define in the assessment prerequisites which modules and classes have compulsory attendance or an assessment prerequisite.

(2) The requirement to regularly participate is considered satisfied if no more than 20 percent of the semester credit hours for the classes has been missed.

(3) Evidence of participation and satisfying the requirement for compulsory attendance must be submitted by the students upon registering for examinations. The evidence is provided by the lecturers.

(4) If the student has provided plausible written evidence that, for reasons beyond the student's control, more than 20 percent of the sessions for the class has been missed, the lecturer decides whether the actual participation time can still be rated as regular participation. With regard to the missing time, the provision of appropriate equivalent achievement may be required. The type of compensatory achievement is defined by the lecturer.

(5) If the requirement for regular attendance is not met, the prerequisite for admittance to the module examination is not satisfied.

Section 5

Types of assessments, alternative assessment

(Sections 12 und 15 Framework examination regulations)

(1) Projects and presentations are specified in the Master of Geomatics as an additional alternative assessment as defined in section 15 paragraph 1 of the framework examination regulations.

(2) Projects function as scientific work and are based on current real-world problems in geodesy, geoinformatics, engineering surveying and metrology as well as the process-oriented work steps of official and business practice. As part of the projects, the practical, regulatory and scientific material that is necessary for completing tasks typical of the discipline is taught and consolidated and the ability to carry out multi-disciplinary collaborative and independent work is developed. The assessments involve the completion of measurement reports, calculations, graphic representations, programming code and/or functional models, supplemented by written reports. The project results must be presented in a format typical of the discipline to an expert audience. The examiners decide about any exceptions.

(3) The presentation includes independent, systematic development of a topic or issue that incorporates the relevant literature or the description of work and practical results. A presentation is of 15 to 30 minutes' duration.

Section 6 Examination dates

(Section 18a Framework examination regulations)

The number, type and scope of the examinations to be taken in the particular semester are defined in the study and examination schedule (Appendix 1).

Section 7 Grading of modules, overall grade

(Section 26 Framework examination regulations)

(2) The study and examination schedule (Appendix 1) and the module descriptions (Appendix 2 of the departmental study regulations) specify

1. which modules are graded
2. which modules are ungraded and are assessed only as 'passed' or 'failed', and
3. which of the graded modules are included in the overall final grade.

(3) Academic tasks and examinations must as a rule be completed in English. They may be completed in a different language with the approval of the examiner if the class has also been conducted in this language.

Section 8 Master's thesis and Master's colloquium

(Sections 24 und 24a Framework examination regulations)

(1) Only those candidates can be admitted to the Master's thesis who have been enrolled at least since the previous semester in the Geomatics course at the Neubrandenburg University of Applied Sciences.

(2) Admittance to the Master's thesis assumes that modules in the Master of Geomatics totalling at least 42 ECTS points have been passed.

(3) Along with the Master's thesis, another requirement for successful completion of the course is participation in a final colloquium (Master's colloquium). The colloquium is worth seven ECTS points.

(4) The timing of the thesis in the course of studies is determined by the study and examination schedule. As a rule, it must be written in the third semester.

(5) The time required to complete the Master's thesis is five months. The topic, definition of the task and the scope must be restricted by the primary advisor to ensure that the deadline for submission of the Master's thesis can be complied with. A total of 23 ECTS points are awarded for successfully passing the Master's thesis.

(6) In sufficient time before the start of the particular semester, the Examination Board, in agreement with the Enrolments and Examination Office, specifies a schedule for registering, admitting and preparing the Master's thesis and for presenting the colloquium that is part of the semester schedule and must be complied with by students. The Examination Board makes any decisions about deviations from the specified schedule based on a justified application by the student.

(7) The registration and completion of the Master's thesis in an earlier or later semester are not precluded unless the other admittance prerequisites defined in paragraphs 1 and 2 are not satisfied. For later registration for the Master's thesis, section 18b of the departmental examination regulations shall apply.

(8) In justified exceptions, the time allowed to complete the Master's thesis may be extended in accordance with section 11 paragraph 7 of the framework examination regulations upon application by the candidate. An extension of up to 30 days in addition to the time provided to complete the thesis is permitted.

(9) The thesis must be graded by two examiners. One of the examiners shall be the supervisor.

Section 9 Repeating examinations

(Sections 27 and 29 Framework examination regulations)

(1) All students in the Master of Geomatics can repeat module examinations on the basis of the section 29 of the framework examination regulations.

(2) The Examination Board can also decide whether to acknowledge exceptional hardship that requires a fourth attempt at an examination. A substantiated application for special consideration must be submitted. When assessing applications for special consideration, the examination board must take into account previous achievements by the candidate and estimate the likelihood of success with this final repeat examination.

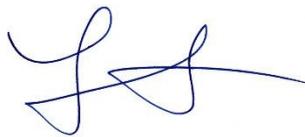
(3) Repeat examinations are taken in the standard examination period of the following semester. Section 18 paragraph 1 of the framework examination regulations shall apply accordingly while section 18 paragraph 4(3) of the framework examination regulations shall remain unaffected.

Section 10 **Effective date**

(1) These departmental examination regulations come into effect after publication within the Neubrandenburg University of Applied Sciences.

These departmental examination regulations apply for the first time for those students who are enrolled in the Master's course in winter semester 2021/2022.

Issued on the basis of the decision by the Senate of the Neubrandenburg University of Applied Sciences dated 12.05.2021 and the approval of the Rector of the Neubrandenburg University of Applied Sciences dated 20.05.2021.



The Rector
of the Neubrandenburg
University of Applied Sciences
Prof. Dr Gerd Teschke

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