

**Departmental study 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 39 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 study regulations for the Master of Geomatics as a statute:

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Appendices

1. Study and examination schedule
2. Module descriptions

**Section 1
Scope**

These departmental study regulations regulate the objective, contents and structure of the course and majors of choice based on the framework examination regulations and the departmental examination regulations for the Master of Geomatics of the Neubrandenburg University of Applied Sciences dated 20.05.2021.

Section 2 Study objectives

The objective of the Master of Geomatics is to independently complete tasks in geodesy and geoinformatics as well as industrial metrology within a specified time frame on a scientific basis. The Master's programme provides students with a broad specialist knowledge based on applied teaching as well as the ability to accountably identify practical problems in the field of geodesy and geoinformatics, develop cost-effective solutions that are compliant with regulations, critically weigh them up against one another and successfully implement a chosen solution in practice. Taking on accountable tasks requires confidence and decisiveness as well as professional expertise along with the ability to cooperate. Accordingly, students are also taught key qualifications and encouraged to develop personal awareness.

Section 3 Start of the course

The course can be started in the summer or winter semester. Enrolments are made by the deadlines specified each year by the administration of the Neubrandenburg University of Applied Sciences. Applications are generally made online on the University portal.

Section 4 Structure of the course

(1) The course is divided as a rule into three semesters with a course duration of up to 37 semester credit hours (CH). In the case of section 3 paragraph 5 of the departmental examination regulations, the normal duration of study is four semesters. As defined by the European system for calculating credits for academic achievements, 30 ECTS points are assigned to each semester, that is, a total of 90 ECTS points or 120 ECTS points for four semesters.

(2) The course is divided into modules. Modules are completed teaching units in which thematically related teaching material is consolidated. Successfully completing a module is documented by a module examination, which must be passed as a requirement for awarding the ECTS points designated for this module.

(3) The individual modules per semester are listed in the course structure that forms part of these departmental study regulations (Appendix 1). The course structure describes a didactically justified recommendation that enables completion of the course within the normal study period.

Section 5

Organisation and contents of the course

(1) The course is structured as follows with a normal duration of study of three semesters (see Appendix 1):

1. In the first and second semester a total of nine compulsory elective modules are selected in the specialisations Geodesy, Geoinformatics, Informatics and Mathematics. Furthermore, the application project for all specialisations in the second semester must be completed.
2. As a rule the Master's thesis must be written in the third semester. The time required to complete the Master's thesis is five months. Along with the Master's thesis, another requirement for successful completion of the course is participation in a Master's colloquium.

(2) The modules have a scope of six ECTS. The exception to this with 30 ECTS is the Master's thesis with colloquium that has a scope of 30 (23 + 7) ECTS.

(3) A detailed description of the modules (contents, qualification objectives, prerequisites for participation, effort and the assessment prerequisites and assessments to be completed) are included in the module descriptions in Appendix 2.

Section 6

Teaching and learning formats

(1) Classes include:

1. Lecture: Teaching of course materials in a presentation
2. Tuition in seminars: Teaching of course materials in presentations, tuition and discussions
3. Seminar: Working through special topics with discussions, generally with presentations by the participants
4. Tutorial: Classes that build on course materials and go into greater depth using theoretical and practical application
5. Excursion: Student trips to companies, institutions, trade fairs, etc.
6. Project: Course with project-related classes.

(2) The curriculum (Appendix 1) and the module handbook (Appendix 2) define which of these types of learning and teaching formats make up the individual modules.

Section 7

Course advice

(1) The students have access to course advice during the course. The dean of the faculty ensures that the students are provided with appropriate counselling and advice.

(2) The advice given in response to questions about the departmental examination regulations, such as assessments, examination periods, recognition of assessments, etc., is provided by the representative of the Examination Board or the deputy.

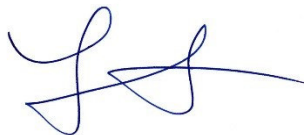
(3) The teaching staff for the Geomatics course are available during their consultation hours regarding all questions related to the course.

Section 8 Effective date

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

(2) These departmental study regulations apply for the first time for those students who are enrolled in the Master of Geomatics 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

Publication note: These regulations were published on 21.05.2021 on the homepage of the Neubrandenburg University of Applied Sciences.