

# **Study Regulations: New Version for the international consecutive Master in Environmental Planning in Faculty VI - Planning, Building and Environment at the Berlin Institute of Technology from December 15, 2010**

(read-only version: The version at hand is a non-official text in which changes and corrections are incorporated. Decisive and legally binding is the version in the Amtliches Mitteilungsblatt der Technischen Universität Berlin AMBl. TU 8/2011, released May 18th 2011.)

The Faculty Council of Fakultät VI – Planen Bauen Umwelt – at the Technische Universität Berlin determined on December 15, 2010 in accordance with §18 Paragraph 1 No. 1 of the Grundordnung der Technischen Universität Berlin, §71 Paragraph 1 No. 1 of the Gesetz über die Hochschulen im Land Berlin (Berliner Hochschulgesetz - BerlHG) in the version published on February 13, 2003 (GVBl p.82) and last amended by the Act of March 19, 2009 (GVBl S. 70), the following academic regulations for international consecutive master's degree in Environmental Planning:

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### **§ 1 - Scope**

Refer to § 1 of General Regulations for Study and Examination Procedures (AllgStuPO).

### **§ 2 - Admission Requirements**

- (1) Entry requirement is first a Bachelor's degree in Landscape Planning and Landscape Architecture, Urban and Regional Planning, Regional Planning, Geography or Biology (with an emphasis on Ecology/Conservation), Political Science with references to Environmental Planning, or similar degree technically-related course of study from home or abroad.
- (2) Applicants must provide proof of English language proficiency through TOEFL test results (at least 79 points on the Internet-based test, 213 points on the computer-based test, or 550 points on the written test), equivalent IELTS test results, or other equivalent proof of proficiency. The equivalence of other evidence of English language ability is decided by the appropriate authority in the Environmental Planning Audit Committee. For prospective students whose native language is English, the language requirement is considered fulfilled.
- (3) All foreign applicants are advised to acquire basic knowledge of the German language before the start of the program.

### **§ 3 - Study Goals**

- (1) The Master's program Environmental Planning is designed to qualify students for a challenging and responsible professional career in European and international consultants and think tanks, government administrations such as relevant ministries or lower level authorities, and also for an academic-scientific career and other fields of work surrounding environment, landscape, and/or planning. The Master's program prepares students to carry out such occupations in the German-speaking sphere, but especially be able to perform well in the international sphere. Students after completion of this Masters will also be able to work within research projects and

to take appropriate leadership, management, and development tasks in the activities specified above. In addition, the Master's degree is designed to prepare students for possible in-depth academic qualification in the context of a doctorate degree.

- (2) With the Master's program, the following scientifically sound and practical skills shall be achieved:
- creating a uniformly defined understanding of processes in the planning and environmental review processes in Europe and in the international sphere,
  - knowledge of spatial environmental planning as well as their planning and environmental assessment instruments,
  - knowledge of the fundamental applications of significant environmental planning policies and sectoral policies of the European Communities,
  - knowledge of essential interfaces in fields of ecology, landscape architecture, and social sciences,
  - knowledge of economic, legal, sociopolitical, and technical regulatory possibilities as well as spatial information systems for the implementation of environmental concerns,
  - knowledge about possibilities for further and renewed development of European environmental directives and relevant policies,
  - establish a primary scientific foundation, so that in addition to technical skills, scientific methods competences are acquired,
  - ability to independently develop possible solutions and strategies for specific scientific problems, and
  - ability to observe relevant aspects of the program from a gender perspective.
- (3) In addition to imparting specialized science and methodological knowledge to students, the Master's program should enable students to have a critical reflection of scientific problems and research tasks. In addition, student teamwork, communication security, social and leadership skills, as well as proper and assertiveness are acquired.

#### **§ 4 - Standard Study Period, Study Scope, and Structure**

- (4) The standard period of study including the Master's thesis is four semesters. Content and structure of the program and the examination procedures are designed so that the study can be completed within these four semesters.
- (5) The program is divided into modules and assessed through examinations.
- (6) The scope of the program is 120 credit points (LP) after the European Credit Transfer and Accumulation System (ECTS). Of this amount, 24 LP are project modules, 27 LP are further compulsory modules, 24 LP are elective compulsory modules (WP), 18 LP are elective modules, and 27 LP are for the master thesis.
- (7) The program begins in the winter semester.

#### **§ 5 - Study and Teaching Methods**

In addition to § 35 in General Regulations for Study and Examination Procedures (AllgStuPO), the following applies:

- (2) A study project will typically involve 15 students and a teacher. Project work is done in a project group (plenary) and in working groups. The project serves – and is supported by other modules in the program - to exchange and practice analytical instruments (theories, methods, techniques) and to develop model solutions at a planning, social, constructive, creative, and political planning level. Specific topics are determined for each project. Suggested topics for students and academic staff must be appropriately addressed. Project work includes conducting excursions of at least two days in total in the Master's degree in Environmental Planning.

## § 6 - Study Organization

In addition to § 32 and § 33 in General Regulations for Study and Examination Procedures (AllgStuPO), the following applies:

(2) There are differences between compulsory modules, compulsory elective modules (WP), and elective modules (W). The compulsory modules together with compulsory elective module 1: “Core Area” form core content of the study program Environmental Planning. With the selection of project themes and elective modules in the Core Area, students can already begin to establish some specific areas of interest. Compulsory elective module 2: “Supplement Area” offer students the possibility to choose either related disciplines or interdisciplinary modules that expand upon or complete the student’s area of interest. These are modules in Ecology, Industrial Environmental Protection, Transportation, Civil Engineering, Landscape Design and Landscape Architecture, Urban and Regional Planning, Sociology and Foreign Languages. In the free module area, students can freely choose courses so as to acquire key competences, interdisciplinary competences, or in-depth specialist skills.

(3) Compulsory modules (P) - 51 LP

The following compulsory modules must be offered by the Faculty and studied by the students totaling 51 LP:

### Attention!

Lists of modules are subject to change each semester.  
The current list can be found in the *Modultransfersystem (MTS)*. It is linked on the webpage at quick access: **158173**  
[https://www.planen-bauen-umwelt.tu-berlin.de/menue/academic\\_and\\_student\\_affairs/study\\_programs/ecology\\_and\\_environmental\\_planning/parameter/en/#c659808](https://www.planen-bauen-umwelt.tu-berlin.de/menue/academic_and_student_affairs/study_programs/ecology_and_environmental_planning/parameter/en/#c659808)

	Module	Weight of Credits
MA UP PJ2	Project Environmental Planning, Research and Development (Projekt Umweltplanung: Forschung und Entwicklung)	12
MA UP P1	Landscape Planning (Landschaftsplanung)	6
MA UP P2	Environmental Assessment (Umweltprüfung)	6
MA UP P3	Economic Analysis of Environmental Policies (Ökonomische Analyse der Umweltpolitik)	6
MA UP P4	Geoinformation Systems (Geoinformationssysteme)	6
MA UP P5	Master Colloquium (Masterkolloquium)	3

(4) Choice modules – 24 LP

Students must choose two modules, 6 LP each, from the “Core Area” (see List 1 in the Appendix 2) as well as selecting two modules, totalling 12 LP, from the compulsory elective module 2: “Supplement Area” (see List 2 in the Appendix. 2).

In the compulsory elective module 1: “Core Area”, students deepen their understanding of topics from the compulsory subjects. In the compulsory elective module 2: “Supplement Area”, modules with particular relevance for Environmental Planning can be chosen from a thematically wider range.

The selectable modules In compulsory elective module 2: “Supplement Area”, can be added by the Faculty Council in accordance with Para. 7. Modules that are already completed in the core area cannot also be included in “Supplement Area”.

The scope of the actual elective course offerings in both compulsory electives modules is determined respectively by the available capacities. However, the scope must be at least large enough in each area that a selection is given to the students.

(5) Elective courses (W) – 18 LP

There is the option to choose elective courses totalling 18 LP. It is recommended to choose at least 6 LP from a non-related course of study or a course offering from an interdisciplinary study. Electives may be selected from the entire range of subjects from the Berlin Institute of Technology or other universities and equivalent institutions of higher learning with the ability to award doctorates within the scope of the Higher Education Act, as well as from equivalently recognized foreign schools and universities. It is recommended to choose modules in interdisciplinary studies. The selectable modules include modules for learning foreign languages, for the acquisition of professional qualification, and/or key qualifications for

vocational preparation.

- (7) A model curriculum, a useful tool showing how modules can be completed, is in Appendix 1. Learning objectives, content, components, and testing of the modules in the module descriptions are published by the Department no later than four weeks before the beginning of each semester.
- (8) Courses are held both in English and in German. The respective teaching language is specified in the module descriptions.

### **§ 7 - Academic Advising**

Refer to § 6 of General Regulations for Study and Examination Procedures (AllgStuPO)

### **§ 8 - Mentoring**

Students in the Master's program in Environmental Planning are supervised throughout their entire course by mentors. Mentors are full-time teachers, usually professors in a field within the compulsory study. The Dean of Students or the Dean of Studies publishes a list of eligible teachers. The students of the Master Program Environmental Planning choose a mentor in the first semester. The mentor advises students and serves on all issues in connection with the study, in particular, the choice of the supplemental modules as well as the electives modules, and being their person of contact. Incoming consultations between mentors and students should take place at least once a semester at the beginning of each semester. It is possible to change one's mentor without giving a reason.

### **§ 9 - Final Provisions**

- (1) These regulations shall simultaneously be in force with the examination regulations for the international consecutive Master's degree in Environmental Planning as of December 15, 2010 for the winter semester 2011/2012, but no later than the day after publication in the official gazette of the Berlin Institute of Technology.
- (2) The study regulations for the consecutive Master's degree in Environmental Planning of February 18, 2009 (Official Gazette no. 15/2009 TU) become ineffective when the current study regulations come into effect.
- (3) These regulations shall apply to all enrolled students in the winter semester 2011/2012 Master's degree in Environmental Planning at the Berlin Institute of Technology.

# **Examination Regulations: New Version for the international consecutive Master in Environmental Planning in Faculty VI - Planning, Building and Environment at the Berlin Institute of Technology from December 15, 2010**

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## **Content**

- § 1 - Scope
- § 2 - Purpose of the Master's Examination
- § 3 - Academic Degree
- § 4 - Language of Examination
- § 5 - Oral Examination
- § 6 - Extent, Nature and Evaluation of the Master's Examination
- § 7 - Master's Thesis
- § 8 - Final Provisions

### **§ 1 - Scope**

Refer to § 1 of General Regulations for Study and Examination Procedures (AllgStuPO).

### **§ 2 - Purpose of the Master's Examination**

The Master's examination is to determine whether a candidate has reached the study objective requirements formulated in § 3 of the study regulations and is qualified for the previously mentioned employment fields.

### **§ 3 - Academic Degree**

Upon passing the master examination, the Berlin Institute of Technology, through Faculty VI, will grant the academic degree of Master of Science (M. Sc.).

### **§ 4 - Language of Examination**

Module Examinations are usually held in the language in which the module is offered (German or English). The Audit Committee may permit notwithstanding, the examination in the other language, after consultation with the auditor or examiner.

### **§ 5 - Oral Examination**

In addition to § 43 of General Regulations for Study and Examination Procedures (AllgStuPO), the following applies:

Within the framework of the oral examination, tasks can be given a graphical treatment to a reasonable extent as long as the oral component of the exam is not removed.

## § 6 - Extent, Nature and Evaluation of the Master's Examination

- (1) Through the Master's examination, the candidate should demonstrate that he or she has acquired subject-specific and interdisciplinary skills.
- (2) The master examination consists of exams in the following modules as well as the Master's thesis:

No.	Module	Weight of Credits
MA UP PJ1	Project Environmental Planning: Practice and Applied Research	12
MA UP PJ2	Project Environmental Planning: Research and Development	12
MA UP P1	Landscape Planning (Landschaftsplanung)	6
MA UP P2	Environmental Assessment (Umweltprüfung)	6
MA UP P3	Economic Analysis of Environmental Policies (Ökonomische Analyse der Umweltpolitik)	6
MA UP P4	Geoinformation Systems (Geoinformationssysteme)	6
MA UP P5	Master Colloquium	3
	Elective Area 1: Core Area, Electives gem. § 6 (4) StuO to the following extent	12
	Elective Area 2: Supplemental Area, Electives gem. § 6 (4) StuO to the following extent	12
	Free choice: Elective courses gem. § 6 (5) StuO to the following extent	18

- (3) A Master's thesis in accordance with § 7 is to be completed to the extent of 27 LP.

## § 7 - Master's Thesis

In addition to § 46 in General Regulations for Study and Examination Procedures (AllgStuPO), the following applies:

- (5) For the registration application for the Master's thesis, students have to submit to the competent authority of the Central University Administration proof of successfully completed module examinations in accordance to the extent of at least 78 LP in accordance to § 6 para. 2 whereby all project modules must have been completed.
- (6) The Master's thesis is usually done in the fourth semester. It consists of 27 LP. The writing period is five months. The Audit Committee may extend time once, for two additional months, after consultation with the supervisor and if a reasonable request has been made. In particular hardship cases, a more reasonable extension is granted.
- (7) The topic of the Master's thesis can be changed, but only within the first three weeks of the writing period. If one repeats his or her thesis, the topic can only be changed if the completion of the first attempt at the Master's thesis did not also involve changing the topic.
- (10) Students are expected to demonstrate in the thesis that they are able to independently carry out tasks of the study program Environmental Planning. The topic of the thesis is freely chosen by the student. The Master's thesis is accompanied by at least three individual consultations with the supervising university teacher. The Master's thesis must be written in German or English. With the approval of the supervisor, the Master's thesis can be written in another language. If the Master's thesis is written in a foreign language, it must be accompanied with a summary in German.

## § 8 - Final Provisions

- (1) These regulations shall enter into force in the winter semester 2011/2012 at the latest on the day following its publication in the Official Gazette (Amtlichen Mitteilungsblatt) of the Berlin Institute of Technology.
- (2) The Examination Regulations for the consecutive Master's Programme in Environmental Planning dated February 18, 2009 and the amendment statute of January 20, 2010 (Official Gazette no. 17/2010, pp 272-275) become ineffective when the current study regulations come

into effect.

- (3) These regulations shall apply to all enrolled students in the winter semester 2011/2012 Master's degree in Environmental Planning at the Berlin Institute of Technology.