

# Communications

ISSN 0723-0745

Official Register of Freie Universität Berlin

74/2007, December 3, 2007

## TABLE OF CONTENTS

First Regulation on the Amendment of the Study Regulations for the 60 Credit Points Module Offer Pedagogics of Primary Education within the Context of other Study Programs	2366
First Regulation on the Amendment of the Study Regulations for the 60 Credit Points Module Officer Pedagogics of Primary Education within the Context of other Study Programs	2371
First Regulation on the Amendment of the Study Regulations for the Diploma Study Program Political Sciences	2374
First Regulation on the Amendment of the Study Regulations for the Diploma Study Program Political Sciences	2383
Doctorate Rules and Regulations of the Department of Earth Sciences	2386



**First Regulation  
Regarding the Amendment of the Study Regulations  
for the 60 Credit Points Module Offer  
Pedagogics of Primary Education  
Within the Context of other Study Programs**

study regulations for the 60 Credit Points Module Offer Pedagogics of Primary Education within the context of other study programs of July 7, 2005 (FU Communication 80/2005) on October 25, 2007:

**Preamble**

Based on Section 14, para. 1, sub-para. 2 of the Partial Basic Regulation (trial model) of Freie Universität Berlin of October 27, 1998 (FU Communication 24/1998), the faculty council of the Department of Education and Psychology of Freie Universität Berlin has issued the following first Regulation on the Amendment of the

**Article I**

The attachments shall be reworded as follows:

**Attachment 1: Module for the Subject German**

Refer to the study regulations of the Bachelor's Study Program Pedagogics of Primary Education for a description of the basic module "Introduction to the Subject of German in Elementary Schools" and the advanced module "Subject Areas of the Subject of German and Literary Language Acquisition".

**Development Module:** Experimental didactic concepts for the subject of German (German as a second language) (60 credit point module offer for Pedagogics in Primary Education)

**Qualification Objectives:**

The module is an introduction to the research, assessment and organization/design of the linguistic/cultural learning processes of children in elementary schools with German as a second language. It provides basic information on concepts of bi-lingual (elementary) instruction in language-homogenous and multi-lingual learning groups (teaching of German as first and second language). It places a particular focus on the conditions of second language acquisition at school and outside of school and GSL (German as a second language) instruction and takes socio-cultural and psycho-social aspects into consideration. It develops diagnostic abilities to determine learning-specific requirements for the development of customized and learning group specific support plans and didactic concepts for teaching German as a second language. It also develops the students' abilities to connect German as a second language with other subjects. It places a particular emphasis on the analysis, development, and assessment of didactic concepts in various subsections of the subject of German/German as a second language and/or subject areas covered in German classes in Elementary schools.

If attending seminar D6: The analysis, development, and assessment of didactic concepts refers to the following (changing) subsections of the subject of German/German as a second language and/or German classes in elementary schools: Reading and writing, language review, literary learning, story-telling, literary learning of multi-lingual children, etc.

If attending seminar D7: The objective of this seminar is the conceptualization of projects (developing, monitoring, testing, and assessing) for practical application in German classes in elementary schools.

**Content:**

In close connection with subsections and learning fields of the subject German and assisted by basic linguistic knowledge about alphabetization in two languages, Seminar D5 teaches concepts regarding the verbal and written learning of two languages, language review, writing, and learning how to write under the conditions of multilingualism, text production, reading and literary instruction and how to deal with media will be developed.

The objective of Seminar D6 is to demonstrate the complete cycle from the analysis and development and testing to the evaluation of a concept on the level of theoretical work. To do so, students may reference the increasing number of practice-based case studies and trial models for didactic concepts. Possible seminar topics: Literality and literacy - practice-based lesson research - media socialization - language, culture, and identity, etc.

Some of the possible topics for the conceptualization of projects (developing, monitoring, testing, and assessing) for practical application in German classes in elementary schools taught in D7 are: Integrated media education: Example German - Language Review: Grammar and Argumentation - Language Learning of Multilingual Children, etc.

Learning takes place predominantly in teams/small groups working on didactic concepts and (independent) practice-based teaching research projects.

Forms of Teaching and Learning	On-Campus (semester periods per week)	Forms of Active Participation	Time Required (hours)						
Seminar D5	2	The course requires as forms of active participation regular preparation and review through readings, written assignments, and short presentations of the application-oriented tasks. In Seminar D6, student teams will independently work on scientific issues, reserach them with the help of research literature and/or conduct their own research. In addition, students are taught about the theory and methodology of scientific research. They will develop the concept of a research project.	<table border="0"> <tr> <td>Attendance</td> <td>60</td> </tr> <tr> <td>Preparation and Review</td> <td>90</td> </tr> <tr> <td>Exam Preparation and Processing</td> <td>30</td> </tr> </table>	Attendance	60	Preparation and Review	90	Exam Preparation and Processing	30
Attendance	60								
Preparation and Review	90								
Exam Preparation and Processing	30								
Seminar D6 or Seminar D7	2								
<b>Language of Instruction:</b> German									
<b>Work time required/total number of hours:</b> 180									
<b>Module length:</b> Two semesters (Seminar D5 must be taken in the winter semester; Seminar D7 will be offered in the following summer semester, Seminar D6 is offered in the winter and the summer semester.									
<b>Offer Frequency:</b> The module starts every winter semester									
<b>Applicability:</b> 60 credit points module offer for Pedagogics in Primary Education									

**Attachment 2: Module for the Subject Mathematics**

Refer to the study regulations for the Bachelor’s Study Program Pedagogics of Primary Education for a description of the basic module “Introduction into the Subject of Mathematics in Elementary Schools” and the advanced module “Teaching and Learning of Mathematics as Research and Development”.

<b>Development module:</b> Mathematics (classes) as Experience and Construct (60 Credit Points Module Offer for Pedagogics in Primary Schools)			
<b>Qualification Objectives:</b> This module deepens the research, assessment, and organization/design of learning processes in math classes. The subject matters are illustrated through examples and reference is made to the listed subject matters to be taught, trans-disciplinary theories on education and social sciences as well as didactic concepts. It also tests and further develops basic forms of scientific work.			
<b>Content:</b> Seminar M3 makes teaching math more tangible and shows how mathematical terms can be presented, visualized, and demonstrated by using problems, texts, and teaching materials. It also shows how methodologies can be used and how mathematics can be made more applicable through teacher and student activities and/or lesson scenarios (for example demonstration and conception, presentation of algorithms, visualization as a problem solving technique and heuristic strategies, data analysis and visualization processes and dealing with dimensions). Seminar M4 addresses aspects of meaning constructs by explaining, providing reasons, and generalizing, and places a particular emphasis on the function of language and communication in the classroom (for example the function and development of symbols and symbolization systems, the role and types of definitions, the importance of explaining, discussing, providing reasons, generalizing and proving, mathematical discourse and class discourse). Seminar M5 provides in-depth insights into basic constructs and principles of teaching math (for example investigative and discovery learning and problem solving, mathematics in a context, connection between technical and task analysis), and makes them more tangible for students by having them develop teaching examples. Specific types of work and evaluation (e.g. productive student activities within the context of assignments and work systems, from mathematical aids and media, the advantages and disadvantages of self-organization and self-evaluation of individual, group, and project work) will be analyzed, tested, and assessed for their theoretical-contextual and practical applicability. Students must complete two of the three offered seminars within the context of the module.			
<b>Forms of Teaching and Learning</b>	<b>On-Campus</b> (semester periods per week)	<b>Types of Active Participation</b>	<b>Time Required</b> (hours)
Two of the three offered seminars M3, M4, and M5	2 each	Continuous cooperation, reading, assignment completion and summaries of group work is expected.	Attendance (two of the three offered seminars) 60 Preparation and Review 80 Exam Preparation and Processing 40
<b>Language of Instruction:</b> German			
<b>Work time required/total number of hours:</b> 180			
<b>Module Length:</b> One or two semesters (Seminar M3 is offered in the winter semester, M5 in the summer semester, M4 both in the winter and the summer semester)			
<b>Offer Frequency:</b> The module starts every winter semester			
<b>Applicability:</b> 60 credit points module offer for Pedagogics in Primary Education			

**Attachment 3: Module for the Subject of Social Studies and Science**

Refer for the study regulations for the Bachelor's study program Pedagogics of Primary Education for a description of the basic module and the advanced module "Social Studies and Science"

<b>Development Module:</b> (60 credit points module offer for Pedagogics in Primary Education)			
<b>Qualification Objectives:</b> Students are to strengthen their ability to teach children on how to discover the world with natural scientific or cultural and socio-scientific methods as independently as possible and to critically reflect on the relationship between man, nature, technology, society, history, and culture. In addition, students will be able to summarize relevant natural scientific or socio-scientific, and philosophical and didactic insights with an interdisciplinary perspective for the discovery of the life and work of children and to use these insights for a child and subject-matter appropriate organization of social studies and science classes.			
<b>Content:</b> The seminar "Society, Nature, and Technology" (SU5) theoretically deepens nature-related topic areas from the basic module with the help of examples and practically applies these to new examples. The seminar "Society, Nature, and History" (SU6) theoretically deepens society-related topic areas from the advanced module with the help of examples and practically applies these to new examples. Both seminars also address trans-disciplinary issues, such as the "Image of the Child", its societal conditions and educational consequences, intercultural formation, health and sex education, ecological aspects of children's lives, and scientific methods of fact discovery in Social Studies and Science classes (monitoring, experimenting, etc.) The seminar "Interdisciplinary Studies" (SU7) uses some selected examples to work on certain complex problem areas, such as environment, ethics and politics, development of modern production systems and their effects, the effects of urban forms of living on the environment, ecosystems, living and dealing with media, ethical, philosophical, and intercultural issues, forming one's own orientation, dealing with ethnic, cultural, and societal differences, etc. Students will independently be working with interdisciplinary approaches within the context of an excursion or practical explorations. The results of these practical explorations will be documented and presented in the seminar in challenging format.			
<b>Forms of Teaching and Learning</b>	<b>On-Campus</b> (semester periods per week)	<b>Types of Active Participation</b>	<b>Time Required</b> (hours)
Seminar SU5 or Seminar SU6	2	Protocols, brief presentations, thesis papers, critical source and literature surveys, interim reports for projects, etc.	Attendance 90
			Preparation and Review 90
Seminar SU7	4		Exam Preparation and Processing 30
<b>Language of Instruction:</b> German			
<b>Work time required/total number of hours:</b> 210			
<b>Module Length:</b> Two semesters (seminars SU5 or SU6 in the winter semester, seminar SU 7 in the following summer semester)			
<b>Offer Frequency:</b> The module starts every winter semester			
<b>Applicability:</b> 60 credit points module offer for Pedagogics in Primary Education			

Attachment 4: Samples Course Schedule

	Modules		
Semester	German	Mathematics	Social Studies and Science
1.	<b>Basic Module</b> Seminar D1	<b>Basic Module</b> Seminar M1	<b>Basic Module</b> Seminar SU1
2.	Seminar D2	Seminar M2	Seminar SU2
3.	<b>Advanced Module</b> Seminar D3	<b>Advanced Module**</b> Seminar M3	<b>Advanced Module</b> Seminar SU3
4.	Seminar D4	Seminar M5	Seminar SU4
5.	<b>Development Module</b> Seminar D5	<b>Development Module</b> Seminar M6	<b>Development Module</b> Seminar SU5 oder SU 6
6.	Seminar D7*	Seminar M7	Seminar SU7

\* Optional: Seminar D6 (is offered in the winter and the summer semester, see attachment 1)

\*\* Students must complete two of the three offered seminars M3, M4, and M5 (M3 is offered in the winter semester, M5 in the summer semester, M4 in the winter and the summer semester)

**Article II**

(1) These rules and regulations shall become effective one day after their publication in the Communications (official register of Freie Universität Berlin).

(2) Students that were already registered for the 60 credit point module offer Pedagogics of Primary Education of Freie Universität Berlin before the beginning of the winter semester 2007/2008 shall continue their studies on the basis of the study regulations and the examination regulations from July 7, 2005, if they do not provide the chair of the examination board with a statement by November 1, 2007, indicating that they want to continue their studies on the basis of the current regulations; this decision cannot be reversed.

**First Regulation  
Regarding the Amendment of the Study Regulations  
for the 60 Credit Points Module Offer  
Pedagogics of Primary Education  
Within the Context of other Study Programs**

**Preamble**

Based on Section 14, para. 1, sub-para. 2 of the Partial Basic Regulation (trial model) of Freie Universität Berlin of October 27, 1998 (FU Communication 24/1998), the faculty council of the Department for Education and Psychology of Freie Universität Berlin has issued the following first regulation for the amendment of the examination regulations for the 60 credit point module offer Pedagogics for Primary Education within the context of other study programs dated July 7, 2005 (FU Regulation 80/2005 on October 12, 2007).

**Article I**

Examination grades, admission requirements, participation obligations, and credit points

Explanations:

The following provides information on

- The prerequisites for admission to the respective module,
- The forms of the examinations,

- Regular attendance obligations, and
- The credit points associated with each module.

If the following respective teaching and learning forms stipulate that regular attendance is required, then attendance is a prerequisite for earning the credit points associated with the respective module, and is required in addition to active participation in the teaching and learning form and the successful completion of the module exams. A student is considered a regular participant, if he or she attends at least 85% of the hours provided by the teaching and learning form of a module.

To obtain the credit points associated with a module, students must apply themselves during the hours scheduled for this class. These hours count towards the successful completion of the module. Both class attendance and periods of independent study (preparation and review, examination preparations, etc.) must be taken into consideration. One credit point is the equivalent of approx. 30 hours.

There is one module exam for each module. Students shall only be awarded the credit points upon successful completion of the entire module, i.e. after regular and active participation in the teaching and learning forms and successful completion of the module exam.

The content and qualification objectives, the learning and teaching forms of the modules, the hours applied by the students that counts towards the successful completion of a module, forms of active participation, the normal duration of the modules and the frequency with which they are offered are listed in the study regulations for the 50 credit point module offer Pedagogics for Primary Education.



Refer to the study regulations for the Bachelor's Study Program Pedagogics of Primary Education for a description of the basic module "Introduction into German in Elementary Schools" and the advanced module "Subject Areas of German and Literary Language Acquisition"

<b>Development Module:</b> Experimental didactic concepts for German classes (German as a second language) (60 credit points module offer for Pedagogics in Primary Education)		
<b>Admission Requirements:</b> Successful completion of the advanced module "German Subject Areas and Literary Language Acquisition"		
<b>Forms of Teaching and Learning</b>	<b>Module Exam</b>	<b>Regular Attendance Required</b>
Seminar D 5	Presentation and Paper (approx. 1500 words)	Yes
Seminar D6 or Seminar D7		Yes
<b>Credit points:</b> 6		

Refer to the study regulations for the Bachelor's Study Program Pedagogics of Primary Education for a description of the basic module "Introduction to Mathematics in Elementary Schools" and the advanced module "Teaching and Learning of Mathematics as Research and Development".

<b>Development module:</b> Mathematics (classes) as Experience and Construct (60 Credit Points Module Offer Pedagogics in Primary Schools)		
<b>Admission Requirements:</b> Successful completion of the basic module "Introduction to Mathematics in Elementary Schools"		
<b>Forms of Teaching and Learning</b>	<b>Module Exam</b>	<b>Regular Attendance Required</b>
Two seminars Two of the three offered seminars M3, M4, and M5	Term paper (approx. 3,000 words) or presentation with paper (approx. 2,000 words)	Yes
<b>Credit points:</b> 6		

Refer to the examination regulations for the Bachelor's study program Pedagogics of Primary Education for a description of the basic module and the advanced module "Social Studies and Science"

<b>Development Module:</b> (60 credit points module offer for Pedagogics in Primary Education)		
<b>Admission Requirements:</b> Successful completion of the Advanced Module "Social Studies and Science"		
<b>Forms of Teaching and Learning</b>	<b>Module Exam</b>	<b>Regular Attendance Required</b>
Seminar SU5 or Seminar SU6	Oral exam (approx. 20 minutes)	Yes
Seminar SU 7		Yes
<b>Credit points:</b> 7		

**Article II**

(1) These regulations shall become effective one day after their publication in the Communications (official register of Freie Universität Berlin).

(2) Students that were already registered for the 60 credit point module offer Pedagogics of Primary Education of Freie Universität Berlin before the beginning of the winter semester 2007/2008 shall continue their studies on the basis of the examination regulations and study regulations from July 7, 2005, if they do not provide the chair of the examination board with a statement by November 1, 2007, indicating that they want to continue their studies on the basis of the current regulations; this decision cannot be reversed.

(3) For those students who want to take advantage of their option as per para 2., e.g. who want to continue their studies on the basis of the current regulations, the responsible examination board shall decide on the scope to which modules that were already in progress or already completed at the time these regulations became effective should impact the final grade or to what extent they shall count towards the courses and examinations to be completed in accordance with the current regulations and take into consideration the requirements of confidentiality and equality provisions.

**First Regulation  
Regarding the Amendment of the  
Study regulations for the Diploma Study Program  
Political Sciences**

**Preamble**

Based on Section 14, para. 1, sub-para. 2 of the Partial Basic Regulation (trial model) of Freie Universität Berlin dated October 27, 1998 (FU Communication 24/1998), the faculty council of the Department of Political and Social Sciences has issued the following first regulation on the amendment of the study regulations for the diploma study program political sciences on September 21, 2007:

**Article I**

1. Section 2, para. 2, sub-para. 2 shall be deleted.

2. Changes in Section 3:

a) Sub-para. 5 shall be deleted.

b) Sub-para. 8 shall be added: "The purpose of colloquia is to accompany the independent scientific-practical activities of students within the context of the Module "Scientific Practice" and to accompany the diploma thesis.

3. Section 5, para. 2 shall be worded as follows:

"The content and qualification objectives, teaching and learning forms, the amount of time required, the forms of active participation, the hours applied by the students and the frequency with which modules listed under Section 6, para. 1 of the module descriptions in attachment 1 of the study regulations for the Bachelor's Study Program Political Sciences for the modules listed under Section 7, para 1, and Section 7, para. 2, lit. b and e are described in the module descriptions in attachment 2 of these regulations, and the modules listed in Section 7, para 2, lit. a, c, d, f, and g are described in the module descriptions in attachment 1 of the study regulations for the Master's study program Political Sciences."

4. Section 7 shall be worded as follows:

"The knowledge obtained during the basic courses is deepened and broadened in the advanced courses. The advanced courses draw from the following areas of study:

1. Core area with required modules
  - a) Political theory and fundamentals of politics
  - b) Political systems
  - c) International relations

The gender reference is fulfilled through the regular offer of respective courses.

2. Advanced studies in modules
  - a) Research practice (project module)
  - b) Theoretical, historical, legal, and economic fundamentals of politics
  - c) Regional studies, comparative analyses of political systems and political arenas
  - d) The political system of the Federal Republic of Germany
  - c) International relations: Peace and conflict research, regional integration (EU)
  - f) Gender and politics
  - g) Scientific practice

Module a) is required. Three of the modules b to g must be completed.

3. General Professional Preparation

Aside from a six month internship for 27 credit points, students must also take general professional preparation classes totalling 10 credit points during their advanced study period of which

- At least 5 credit points must be earned within the context of a module from the competency areas listed in Section 2, para. 2 of the currently applicable study regulations for the area of study General Professional Preparation and
- The Module can be one of the modules listed under Section 6, para. 3 of the study regulations for the diploma study program Political Sciences."

5. The appendix shall be reworded as follows:

a) Basic courses

Area of Study and Module	Semester			
	1.	2.	3.	4.
Introduction to Political Sciences	V II			
Methods I	V PS			
Methods II		PS	PS	
History of Political Thought	V	PS		
Modern Political Theory			V	PS
<b>Political Systems</b>				
Political Systems in the Federal Republic of Germany	V	PS		
Comparative Analysis of Political Systems and Political Areas	PS	V		
Theory, Practice, and History of International Relations			V	PS
Elective Module I		V/PS	PS	
Elective Module II			V/PS	PS
Elective Module III			V/PS	PS
<b>Specialization Module</b>				V/PS PS
<b>General Professional Preparation</b>		BS/ABV		

**Kommentar [UvW1]:** Ich nehme an, dies sind Abkürzungen für Vorlesung, Proseminar etc. Sollen diese übersetzt werden, und wenn ja, soll eine Legende angefertigt werden?

b) Advanced courses

	Semester				
	5	6	7	8	9
<b>Core Area</b>					
Political Theory and Fundamentals	Advanced Seminar I and Advanced Seminar II				
Political Systems	Advanced Seminar I	Advanced Seminar II			
International Relations		Advanced Seminar I and Advanced Seminar II			
<b>Advanced Areas</b>					
Elective Module 1		Advanced Seminar I and Advanced Seminar II			
Elective Module 2			Advanced Seminar I and Advanced Seminar II		
Elective Module 3			Advanced Seminar I and Advanced Seminar II		
Research Practice	Advanced Seminar I (methods) and Advanced Seminar II	Advanced Seminar III			
Internship				6 months internship	
General Professional Preparation	BS/ABV		BS/ABV		
<b>Final Phase</b>					Concluding colloquium diploma thesis and oral exam

6. The following will be included as attachment 2 with the title 'Module Descriptions':

<b>Module:</b> Political Theory and Fundamentals			
<b>Qualification Objectives:</b> In this module, students are taught how to summarize the competency, and the theoretical, historical, legal, and economic basic of political systems, programs, and processes in context and to analyze them. They will learn how to relate the most important framework conditions and restrictions of politics to its constitutive characteristics and the respective characterizing normative claims and to analyze them with respect to change, development, and continuity and discontinuity aspects. In addition, students will learn how to apply political and socio-scientific questions, key theories and methods in independent research studies.			
<b>Content:</b> Political theory includes aspects of the history of thought and modern political theory. It combines descriptive and normative attempts to capture and assess politics and its main features. Political framework conditions also include general structural requirements and ancillary conditions of political systems, processes, and programs, their historic origin and characteristics, their legal constitution and shape and their interplay with economic structures and processes. The module consists of two advanced seminars that will deepen the students' methodological, theoretical and practical knowledge about analyses of ancillary political conditions in a theoretical, historical, legal, and economic context.			
<b>Forms of Teaching and Learning</b>	<b>On-Campus</b> (semester periods per week)	<b>Types of Active Participation</b>	<b>Time Required</b> (hours)
Advanced Seminar I	2	Discussions, presentations, protocols, excerpts, work groups, etc.	Attendance Advanced Seminar I 30 Preparation and Review Advanced Seminar I 60 Attendance Advanced Seminar II 30
Advanced Seminar II	2	Discussions, presentations, protocols, excerpts, work groups, etc.	Preparation and Review Advanced Seminar II 60 Exam and Exam Preparation 120
<b>Language of Instruction:</b> German (if required, offered simultaneously in another language)			
<b>Work time required/total number of hours:</b> 300			
<b>Module Length:</b> One Semester			
<b>Offer Frequency:</b> Every Semester			
<b>Applicability:</b> Political Science Diploma Study Program			

<b>Module:</b> Political Systems			
<b>Qualification Objectives:</b> In this module, students will gain deeper methodological and theoretical insights into the application and research related (comparative) analyses of political systems and the drafting, implementation, and evaluation of political content in individual political arenas. They will obtain the analytical qualification to research players, structures and processes of the forming of the political will and will be able to carry out independent research in the area of systems comparisons and political area analysis.			
<b>Content:</b> The module consists of two advanced seminars and includes regional political analysis and a comparative study of political institutions, processes, and political areas. Students will examine the formation, structure, and functionality of institutions by comparing those in different countries (governmental system, election system, state organization) and develop and discuss reform options and approaches. In addition, students will compare and analyze stakeholders, their constellations (party and association system) and processes involved in the forming of the political will. Finally, within the context of a comparative political area analysis, students will examine and compare various political areas (such as social policy, environmental policy, education policy, labor market policy) and public cations. This module mainly focuses on the methodologically and theoretically assisted practical-comparative examination and explanation of similarities and differences in a) the structure and functionality of political institutions, b) the processes and procedures involved in the forming of the political will, and c) political content.			
<b>Forms of Teaching and Learning</b>	<b>On-Campus</b> (semester periods per week)	<b>Types of Active Participation</b>	<b>Time Required</b> (hours)
Advanced Seminar I	2	Discussions, presentations, protocols, excerpts, work groups, etc.	Attendance Advanced Seminar I 30 Preparation and Review Advanced Seminar I 60
Advanced Seminar II	2	Discussions, presentations, protocols, excerpts, work groups, etc.	Attendance Advanced Seminar II 30 Preparation and Review Advanced Seminar II 60 Exam and Exam Preparation 120
<b>Language of Instruction:</b> German (if required, offered simultaneously in another language)			
<b>Work time required/total number of hours:</b> 300			
<b>Module Length:</b> One Semester			
<b>Offer Frequency:</b> Every Semester			
<b>Applicability:</b> Political Science Diploma Study Program			

<b>Module:</b> International Relations			
<b>Qualification Objectives:</b> The objective of this module is to provide students with detailed professional knowledge on the theory, practice, and history of international relations on the advanced level of ongoing professional debates. Students will be able to make methodologically supported and theoretically reflected analyses of international issues and to carry out independent research relating to international relations. In doing so, the students will develop a critical and reflective understanding of problematic issues and the ability to contribute to the debate on the theory and practice of international relations.			
<b>Content:</b> Differentiated approaches to the complexity of global politics in the 21 <sup>st</sup> century require that the many levels and players in the international arena are taken into consideration. The module therefore covers a wide spectrum of research areas and research-practical approaches. It particularly focuses on an analysis of foreign policy (foreign relations of states), international politics (relationships between states) and transnational politics (relationships between governmental and non-governmental players in various countries and societies). The module systematically covers theoretical schools of thought, historical origins and important research problems relating to international relations including various players, structures, and processes. These are showcased by work on problematic issues from the following subject areas: international cooperation and international institutions, European integration, international security policy, peace and conflict research, and comparative foreign policy.			
<b>Forms of Teaching and Learning</b>	<b>On-Campus</b> (semester periods per week)	<b>Types of Active Participation</b>	<b>Time Required</b> (hours)
Advanced Seminar I	2	Discussions, presentations, protocols, excerpts, work groups, etc.	Attendance Advanced Seminar I 30
			Preparation and Review Advanced Seminar I 60
Advanced Seminar II	2	Discussions, presentations, protocols, excerpts, work groups, etc.	Attendance Advanced Seminar II 30
			Preparation and Review Advanced Seminar II 60
			Exam and Exam Preparation 120
<b>Language of Instruction:</b> German (if required, offered simultaneously in another language)			
<b>Work time required/total number of hours:</b> 300			
<b>Module Length:</b> One Semester			
<b>Offer Frequency:</b> Every Semester			
<b>Applicability:</b> Political Science Diploma Study Program			



<b>Module:</b> Theoretical, historical, legal, and economic fundamentals of politics			
<b>Qualification Objectives:</b> This module deepens students' theoretical, practical, and methodological knowledge about analyses of the ancillary conditions of political structures and processes and the political actions of individual players. The objective of this advanced module is to allow students to focus on a particular area of political theory or a theoretical, practical, and methodological area relating to the historical, legal, or economic ancillary conditions of politics. By selecting no more than two areas of concentration, students will become more knowledgeable in the respectively selected areas of concentration (theory, history, law or [international] political economics), particularly regarding constitutive characteristics and the complexity of basic political requirements in the past and present.			
<b>Content:</b> The advanced module addresses the constitutive characteristics and the general political conditions of the sub-areas of theory, history, law, and political economics and applies them to examples. Basically all aspects characterizing politics and its respective form remain the same, but are examined from different angles. The advanced seminars teach specialized knowledge about the listed areas of concentration. Students may select a maximum of two areas of concentration.			
<b>Forms of Teaching and Learning</b>	<b>On-Campus</b> (semester periods per week)	<b>Types of Active Participation</b>	<b>Time Required</b> (hours)
Advanced Seminar I	2	Discussions, presentations, protocols, excerpts, work groups, etc.	Attendance Advanced Seminar I 30 Attendance Advanced Seminar II 30 Preparation and Review Advanced Seminar I 60
Advanced Seminar II	2		Preparation and Review Advanced Seminar II 60 Exam and Exam Preparation 120
<b>Language of Instruction:</b> German (if required, offered simultaneously in another language)			
<b>Work time required/total number of hours:</b> 300			
<b>Module Length:</b> One Semester			
<b>Offer Frequency:</b> Every Semester			
<b>Applicability:</b> Political Science Diploma Study Program			

<b>Module:</b> International Relations: Peace and conflict research, regional integration (EU)			
<b>Qualification Objectives:</b> The objective of this module is to allow students to select a maximum of two areas of concentration by discussing theoretical or practical content relating to international relations. Aside from forming areas of concentration, this module is also intended to strengthen, focus, and consolidate the analytical and methodological abilities that were obtained in the core area and to apply it to examples from the concentration areas. This will enable students to actively participate in national and international debates on theoretical approaches and practical problems in international relations beyond the actual study content of this module. They will be able to name relevant issues and to analyze them independently on the basis of methodological and theoretical reflections.			
<b>Content:</b> This module deepens various theoretical, methodological and practical problem areas in international relations. Problems and issues from various political areas may be selected: It broaches subjects relating to international security policy, peace and conflict research and the challenges relating to security policy, various political approaches, connections between various human security analysis levels, and state, regional, and international/global security. In addition, the module deepens knowledge about the causes and dynamics of armed conflicts. It teaches various theoretical, methodological, and practical perspective and problem areas of the analysis of European integration in terms of regional integration. On the basis of example, the module addresses regional integration/and or fragmentation and builds on the students' knowledge about various area of European policy. The interplay between non-governmental players and non-governmental organization on the one side and countries and intergovernmental organizations on the other is examined on the basis of theory. Governance problems in the OECD realm and areas of limited nationalism are addressed with regard to all political areas. The advanced seminars provide specialized knowledge relating to the partial areas of the module of which students may chose a maximum of two.			
<b>Forms of Teaching and Learning</b>	<b>On-Campus</b> (semester periods per week)	<b>Types of Active Participation</b>	<b>Time Required</b> (hours)
Advanced Seminar I	2	Discussions, presentations, protocols, excerpts, work groups, etc.	Attendance Advanced Seminar I 30 Attendance Advanced Seminar II 30 Preparation and Review Advanced Seminar I 60
Advanced Seminar II	2		Preparation and Review Advanced Seminar II 60 Exam and Exam Preparation 120
<b>Language of Instruction:</b> German (if required, offered simultaneously in another language)			
<b>Work time required/total number of hours:</b> 300			
<b>Module Length:</b> One Semester			
<b>Offer Frequency:</b> Every Semester			
<b>Applicability:</b> Political Science Diploma Study Program			

**Article II**

(1) These regulations shall become effective one day after their publication in the Communications (official register of Freie Universität Berlin).

(2) Students that were already registered before the beginning of the winter semester 2007/2008 for the diploma study program Political Sciences and that have already successfully passed the intermediate examination, or that have registered for a module or a course that is part of an advanced module shall continue their studies on the basis of the study regulations and the examination regulations from December 18, 2002 (FU Communication 22/2003), if they do not apply to the responsible examination board for a continuation of their studies on the basis of the current study regulations and the examination regulations from September 21, 2007. The requested change cannot be reversed. It shall apply to all already commenced or completed advanced study modules on the basis of a conversion table that shall be announced by the examination board of the Department of Political and Social Science in a timely fashion.

(3) Students that enrolled in the diploma study program Political Sciences prior to September 30, 2003 and whose studies are governed by Section 11, para. 3 of the study regulations and Section 17, para. 3 of the examination regulations dated December 18, 2002 pursuant to the study and examination guideline dated February 12, 1992 (FU Regulation 2 and 3/1993) shall complete their studies on that basis.

**First Regulation  
Regarding the Amendment of the Study  
Regulations  
for the Diploma Study Program Political Sciences**

**Preamble**

Based on Section 14, para. 1, sub-para. 2 of the Partial Basic Regulation (trial model) of Freie Universität Berlin dated October 27, 1998 (FU Communication 24/1998), the faculty council of the Department of Political and Social Sciences has issued the following first Regulation on the amendment of the study regulations for the diploma study program political sciences on September 21, 2007:\*

**Article I**

1. In Section 4, para. 1 sub-para. 2.3 the number "3" shall be replaced with "37".
2. Section 4, para. 2 shall be worded as follows: "Students enrolled in the diploma study program Political Sciences must pass the module exams for the modules pursuant to Section 6, para. 1, sub-para. 1 - 5 of the study regulations in the form of a term paper."
3. Section 4, para. 3 shall be worded as follows: "The examination grades, registration requirements for individual modules, information on the obligation of regular attendance of teaching and learn forms and the credit points available for the respective modules to be completed pursuant to Section 6 of the study regulations are listed in attachment 1 of the examination regulations for the Bachelor's study program Political Sciences. The in modules listed under Section 1, sub-para. 1 and 2, letter e of the study regulations to be achieved examination grades, the registration requirements, for the individual modules, information on the obligation of regular attendance of the teaching and learning forms and the credit points available for the respective modules are listed in attachment 1 of the Master's study program Political Sciences."
4. Section 4, para. 4, beginning with the words "Within the context of the module" will be deleted.
5. The numbering of the paragraphs in Section 5 is corrected.
6. Section 5, para. 3, sub-para. 3 and para. 4 will be deleted.
7. In Section 6, para. 2, sub-para. 1, "Section 7, para. 1" will be replaced by "Section 7, No. 1 and 2".
8. Section 8, para. 2, sub-para. 1 shall be worded as follows: "The examination board shall appoint an examination committee for the final oral exam, consisting of a presentation and a colloquium on the presentation in the study area and an oral exam in another study area pursuant to Section 7, sub-para 2, lit. b to f of the study regulations."
9. Section 8, para. 5, sub-para. 1 shall be worded as follows: "The presentation and colloquium on the presentation shall be followed by an oral exam in another study area pursuant to Section 7, sub-para. 2, lit. b - f of the study regulations."
10. Section 9, para. shall be worded as follows: "The study program shall be deemed as completed as soon as the diploma examination (Section 6) and the modules pursuant to Section 6, para. 3 and Section 7, para. 3 of the study regulations have been completed successfully."

\* Approved by the Senate Committee for Higher Education until September 30, 2008.

11. The following attachment 3 with the title "Exam grades, registration requirements, attendance requirements and credit points" shall be worded as follows:

<b>Module:</b> Political Theory and Fundamentals		
<b>Admission Requirements:</b> Successful completion of the module "History of political thought and political philosophy" or the module "Modern political theory"		
<b>Forms of Teaching and Learning</b>	<b>Module Exam</b>	<b>Regular Attendance Required</b>
Advanced Seminar I	Term paper (6000 words)	Yes
Advanced Seminar II		Yes
<b>Credit points:</b> 10		

<b>Module:</b> Political Systems		
<b>Admission Requirements:</b> Successful completion of the module "Political systems in the Federal Republic of Germany"		
<b>Forms of Teaching and Learning</b>	<b>Module Exam</b>	<b>Regular Attendance Required</b>
Advanced Seminar I	Term paper (6000 words)	Yes
Advanced Seminar II		Yes
<b>Credit points:</b> 10		

<b>Module:</b> International Relations		
<b>Admission Requirements:</b> Successful completion of the module "Theory, practice, and history of international relations"		
<b>Forms of Teaching and Learning</b>	<b>Module Exam</b>	<b>Regular Attendance Required</b>
Advanced Seminar I	Term paper (6000 words)	Yes
Advanced Seminar II		Yes
<b>Credit points:</b> 10		

<b>Module:</b> International Relations: Peace and conflict research, regional integration (EU)		
<b>Admission Requirements:</b> None		
<b>Forms of Teaching and Learning</b>	<b>Module Exam</b>	<b>Regular Attendance Required</b>
Advanced Seminar I	(approx. 6000 words)	Yes
Advanced Seminar II		Yes
<b>Credit points:</b> 10		

**Article II**

(1) These regulations shall become effective one day after their publication in the Communications (official register of Freie Universität Berlin).

(2) Students that were already registered before the beginning of the winter semester 2007/2008 for the diploma study program Political Sciences and who have already successfully passed the intermediate examination, or that have registered for a module or a course that is part of an advanced module, shall continue their studies on the basis of the study regulations and the examination regulations from December 18, 2002 (FU Communication 22/2003), if they do not apply to the responsible examination board for a continuation of their studies on the basis of the current study regulations and the examination regulations from September 21, 2007. The requested change cannot be reversed. It shall apply to all already commenced or completed advanced study modules on the basis of a transcription table that shall be announced by the examination board of the Department of Political and Social Science in a timely fashion.

(3) Students that enrolled in the diploma study program Political Sciences prior to September 30, 2003 and whose studies are governed by Section 11, para. 3 of the study regulations and Section 17, para. 3 of the examination regulations dated December 18, 2002 pursuant to the study and examination guideline dated February 12, 1992 (FU Regulation 2 and 3/1993) shall complete their studies on that basis.

**Doctorate Rules and Regulations  
of the Department of Earth Sciences**

**§ 1  
Definition of the Terms  
Doctorate and Doctoral Degree**

**Preamble**

Based on Section 14, para. 1 sub-para. 2 of the Partial Basic Regulation (trial model) of Freie Universität Berlin of October 27, 1998 (FU Communication No. 24/1998) in connection with Section 70, para. 5 of the Higher Education Act of the State of Berlin (Berlin Higher Education Act [Berliner Hochschulgesetz - BerlHG]) in the version of the bulletin on the revised version of February 13, 2003 (GVBl. [Law and Ordinance Gazette] p. 81), most recently revised by the law of July 6, 2006 (GVBl. p. 713), the faculty council of the Department of Earth Sciences of Freie Universität Berlin has issued the following doctorate rules and regulations on October 24, 2007:\*

**Contents**

- § 1 Definition of the terms doctorate and doctoral degree
- § 2 Doctoral committee
- § 3 Admission requirements
- § 4 Admission procedure
- § 5 Registration as doctoral candidate
- § 6 Supervision of the dissertation project, normal doctorate period
- § 7 Dissertation
- § 8 Dissertation assessment
- § 9 Doctoral commission
- § 10 Decisions on the acceptance and grading of the dissertation, oral exam scheduling
- § 11 Oral exam [Disputation]
- § 12 Oral exam and final grade decisions
- § 13 Additional doctoral subjects
- § 14 Publication of the dissertation and submission provisions
- § 15 Doctoral certificate
- § 16 Appeal
- § 17 Withdrawal of the doctoral application, discontinuation, new doctoral procedure
- § 18 Joint doctorate with foreign institutions
- § 19 Honorary doctorate
- § 20 Revocation of a doctoral degree
- § 21 Legal effectiveness, expiration, and interim regulations

(1) The Department of Earth Sciences of Freie Universität Berlin confers a doctoral degree or a Doctor of Natural Sciences (doctor rerum naturalium, abbreviated as Dr. rer. nat.) on the basis of a proper doctoral procedure and in accordance with the following provisions.

(2) The doctorate confirms the successful completion of one of the study programs in the subjects offered by the Department of Earth Sciences and the qualification for in-depth scientific work through independent research endeavors. The doctorate may be facilitated within post-graduate or doctoral studies.

(3) The following work must be completed to become a Doctor of Natural Sciences (Dr. rer. nat.):

- A scientific paper (Dissertation, Section 7) and
- An exam colloquium (oral exam, Section 11) in the doctoral subject.

(4) The degree of Honorary Doctor of Natural Sciences (doctor rerum naturalium honoris causa, abbreviated: Dr. rer. nat. h.c.) can be conferred for outstanding scientific work in one of the subjects relating to Earth Sciences.

(5) A degree pursuant to para. 1 can be conferred upon a person for a subject of the Department of Earth Sciences of Freie Universität Berlin only one time.

**§ 2  
Doctoral Committee**

(1) The faculty council appoints a doctoral committee to supervise the doctoral procedure.

(2) The faculty council appoints the members of the doctoral committee at the respective beginning of its term. The committee includes three full-time professors and two academic staff members with a doctorate. The faculty council appoints one representative from each group. The faculty council appoints one of the three professors as chair and/or vice chair of the doctoral committee.

The doctoral committee decides on the admission of applicants and their dissertation project for the doctoral procedure. It must offer applicants appropriate advisement services. The meetings of the doctoral committee are closed.

(4) The doctoral committee can, in general, assign individual decisions or certain rights to the

\* This regulation was approved on November 15, 2007 by the Senate Committee for Higher Education.

chair of the doctoral committee.

The doctoral committee can reverse the assignment at any time.

(5) The doctoral committee shall provide the faculty council with a report at the end of each academic year. It shall inform the deanship with the context of its jurisdiction pursuant to Section 15, para. 3, sub-para. 2 TGO trial model dated October 27, 1998 (FU Communication 24/1998).

(6) With regard to fundamental questions relating to the procedure, the chair of the doctoral committee must inform the President's Office - legal office - via the department's deanship.

### § 3

#### Admission Requirements

(1) Prerequisite for the admission to the doctoral procedure is the successful completion of university studies within the area of responsibility of the Basic Law of the Federal Republic of Germany in a subject that is essential for the doctorate. A first State Examination for teachers trained to teach at general education or vocational schools "Studienrat" or an exam in a master's study program for educators with 120 credit points and a scientific thesis in a subject essential to the doctorate with a final grade of "good (2.0)" shall be deemed as equivalent.

(2) If the applicant did not acquire the most significant basis required for the doctorate during his or her studies, the doctoral committee can admit the applicant with the condition that they must submit graded course assessments within a certain time period, the acquisition of which is customary in university studies as per 1 or that are required in addition to the education evidenced by the applicant for the desired doctorate.

(3) If the university degree is a Bachelor's degree or was obtained at a university of applied sciences [Fachhochschule] or a legally equivalent institution within the area of application of the Basic Law of the Federal Republic of Germany in a study program essential for the doctorate, the applicant must prove his or her qualification. The following two prerequisites have to be fulfilled:

- Degree in a study program that is essential for the doctorate with a final grade of „very good“ for the Bachelor's degree and the final grade of „good (2.0)“ for the final grade of a Master's or Diploma Examination at a Fachhochschule or legally equivalent institution.
- Submission of two recommendations from full-time or part-time professors representing the subjects that are essential for the doctorate at a university. The recommendations must address the ability of the applicant

to do independent scientific work.

- Successful completion of between one and three oral assessment tests, each lasting approx. 30 minutes, on the subject of the intended doctorate and associated areas. The chair of the doctoral committee shall appoint the examiners. If warranted, the assessment test can be waived.

(4) Equivalent, successfully completed studies with a degree in a study program essential for the doctorate from a university outside the area of application of the Basic Law of the Federal Republic of Germany shall also be considered a university degree in terms of para. 1. If the degree is not among the university degrees generally considered as equivalent, a statement must be obtained from the Central Office for Foreign Education Systems, which is part of the Standing Conference of Ministers of Education and Cultural Affairs in the Federal Republic of Germany [Zentralstelle für ausländisches Bildungswesen beim Sekretariat der Ständigen Konferenz der Kultusminister der Länder in der Bundesrepublik Deutschland]. If equivalency is confirmed, para. 1 - 3 apply accordingly. If the Central Office for Foreign Educational Systems does not assess the foreign university degree, the chair of the doctoral committee shall, in cooperation with the chair of the respective qualifying exam committee assess the equivalency of this grade with the achievements required in paragraphs 1 and 3. If it is determined that the degrees are not equivalent, the doctoral committee shall determine if they shall become equivalent, once the prerequisites listed in paragraph 2 are fulfilled.

### § 4

#### Admission Process

(1) Applications for admission to the doctoral procedure must usually be filed prior to starting the experimental and/or theoretical work for the dissertation project, and must be addressed to the chair of the doctoral committee along with the following documents:

- a) Documents, especially certificates and transcripts required as per Section 3;
- b) A resume in the form of a table that, in particular, provides information on activities and experiences that relate to the intended doctorate;
- c) A statement on whether the applicant has previously applied for admission to a doctoral procedure at another university or another department, if applicable, including all respective information on its results.
- d) A statement indicating that the applicant is familiar with the currently valid doctorate rules and regulations,



e) If the doctoral work is to be completed in German, and if the applicant's native language is not German, the person applying to Freie Universität Berlin must submit a university degree from a foreign university or similar institution, and proof of proficiency in the German language by passing the German language proficiency test for universities [*Sprachprüfung für den Hochschulzugang - DSH*] or comparable proof pursuant to the rules and regulations for German language tests;

f) If the doctoral work is to be completed in English, the applicant must prove that his knowledge of English is sufficient for this purpose. The doctoral committee shall, in cooperation with the professor pursuant to para. 2, sub-para. 2, decide on which type of proof is required and if the applicant's command of the English language is sufficient.

(2) The admission application must include a work plan and schedule for the dissertation project. The presented work plan and schedule must have been approved by at least one professor from the Department of Earth Sciences. The dissertation project must deal with objectively definable scientific areas of the Department of Earth Sciences, for which study programs exist, and that are represented by at least one professor in research and teaching. The applicant should, if possible, propose a supervisor that represents the scientific area as per sub-para. 2, and who is prepared to assume the supervisory responsibility.

(3) It is also possible to submit an already completed dissertation on a scientific area as per para. 2, sub-para. 3, provided that the dissertation was not already submitted within the context of an earlier doctoral procedure.

(4) The doctoral committee usually decides on applications for admission to doctoral procedures within one month. The admission notice must be issued in writing. The reasons for a rejection must be provided in writing.

(5) The doctoral application must be rejected, if:

- a) The requirements as per Section 3 are not fulfilled;
- b) The documents as per Section 4, para. 1 are missing;
- c) A doctoral procedure has already successfully been completed in the same scientific subject or subject area;
- d) The applicant is involved in another doctoral procedure in the same scientific field or subject area.

The doctoral application can also be rejected based on lack of competence as per Section 4, para. 2.

## § 5

### Registration as Doctoral Candidate

(1) Doctoral candidates, who are not already members of Freie Universität Berlin, because they work for the university or are enrolled in a study program, must, pursuant to Section 10, para. of the Statutes for Academic Affairs (*Satzung für Studienangelegenheiten - SfS*) enroll or register as doctoral candidates.

(2) If the candidate does not register within the time period provided in the notice of admission to the doctoral procedure and/or the grace period, the admission to the doctoral procedure will expire. This does not, however, preclude a new application for admission to the doctoral procedure.

## § 6

### Supervision of the Dissertation Project, Normal Doctorate Period

(1) Once the candidate is admitted to the doctoral procedure, the department must supervise the dissertation project and review and assess the submitted dissertation.

(2) Dissertation supervisors are usually professors of the Department of Earth Sciences. If warranted, external professors can be appointed as supervisors. They would, however, collaborate with a professor of the Department of Earth Sciences. If all parties agree, other professors or scientists that do not belong to the department, can also be actively involved in the supervision.

(3) The topic of the dissertation project can be chosen freely under consideration of Section 4, para. 2, sub-para. 3, but the choice must be made in consultation with the supervisor. Usually, the dissertation project should be completed within three years (normal doctorate period).

(4) Should a doctoral candidate exceed the normal doctorate period as per paragraph 3 by more than one year, he or she must submit a statement from the doctoral committee to the university administration that shows the status of the dissertation and the amount of time the candidate probably still requires. If the statement is not submitted within three months of the doctoral candidate having been asked to do so for reasons the doctoral candidate is responsible for, the admission to the doctoral program expires.

(5) The supervisor will provide the doctoral candidate and the doctoral committee with a statement indicating

he or she will supervise the doctoral student's dissertation project for a period of three years. If the supervisor or the doctoral candidate feel compelled to terminate the supervisory relationship for good reasons, they must immediately inform the chair of the doctoral committee and state the reasons. If a supervisor leaves Freie Universität Berlin, the supervisor shall be entitled to complete the supervision of a commenced dissertation and to remain a member of the doctoral commission.

(6) If warranted, scientists can be granted the right to actively participate in doctorates within a defined framework (as supervisor, reviewer, or examiner). This must be done within the context of cooperation agreements and contracts with Freie Universität Berlin and with the approval of the Department of Earth Sciences. The scientists listed in the agreements and contracts shall then have participation rights and duties within the defined scope that equal those of part-time professors.

### § 7 Dissertation

(1) The dissertation is a paper authored by the doctoral candidate regarding the scientific field of Earth Sciences pursuant to Section 4, para. 2, sub-para. 3, constituting an advancement of scientific findings.

(2) The dissertation can be:

- a) An unpublished paper or
- a) A completely or partially published paper. The doctoral committee must, however, be notified of prior publications.

The dissertation must include an integrally closed presentation of the research work that was done together with its results. The dissertation can be the product of research work done with others. In the event of such a dissertation, the contribution of the doctoral candidate must be clearly defined and assessable. The doctoral student must outline in detail the part he or she has played in the design, execution, and drafting of the research work done with others.

(3) The dissertation must be submitted in German or English.

(4) The doctoral candidate must reference all resources and aids that were used and assure that the paper was authored independently on this basis. The paper cannot have been submitted as part of an earlier doctoral procedure. In case of doubt,

papers from earlier doctoral procedures (Section 4, para. 1, sub-para. c) must be submitted for comparison purposes.

The dissertation's title page must include the author's name, must designate the dissertation as submitted to the Department of Earth Sciences of Freie Universität Berlin and reference the year of submission. It must also include a cover page for the names of the reviewers. The dissertation must include summaries of the results in German and in English. Subject to the doctoral candidate's approval, it should also include a short resume of the doctoral candidate.

(6) The dissertation must be submitted in three printed copies each, and, if applicable, with the prior publications. One copy shall remain with the examination office of the department. In addition, an electronic version must be submitted in a common data format.

### § 8 Dissertation Assessment

(1) The doctoral committee shall appoint the reviewers immediately upon submission of the dissertation.

(2) As a general rule, the supervisor of the dissertation project is appointed as the dissertation reviewer. The doctoral committee shall appoint a second reviewer in cooperation with the doctoral candidate and the supervisor. This reviewer must be a professor of the Department of Earth Sciences or an associated institute of Freie Universität Berlin or another university. At least one reviewer must be a member of the Department of Earth Sciences. If significant methodological or objective aspects of the dissertation touch on a subject area that is predominantly represented by another department in research and teaching, the second reviewer should belong to that department. Section 6, para. 6 shall not be affected.

(3) The reviewer's opinions must be drafted independently from each other and submitted within six weeks after having been requested. The doctoral committee and the doctoral commission must treat the opinions confidentially. The doctoral candidate may be granted access to the opinions, if the reviewers give their permission. The opinions must recognize the importance of the dissertation and its results in a larger context and denote any deficiencies. If a reviewer notices deficiencies in the paper that can be rectified within a reasonable period of time and if this seems necessary, the reviewer must describe these in the opinion in detail. In

such a case, he or she can recommend that the dissertation be revised and make suggestions on how this should be done. Each reviewer must write a final overall assessment, in which the dissertation is accepted and graded pursuant to Section 12, para. 1, rejected, or in which the reviewer recommends that the dissertation be returned for a remediation of certain deficiencies during a reasonable period of time and then resubmitted. If it is returned, the supervisor must confirm to the doctoral committee in writing that the deficiencies shall be addressed as requested. Three bound copies of the revised version must be submitted to the examination office. These shall serve as the basis for the fulfillment of the submission provisions as per Section 14. If the doctoral candidate does not make the requested correction during the time period stipulated by the doctoral committee for reasons the doctoral candidate is responsible, the doctorate shall be deemed as not passed. The doctoral candidate must inform the chair of the doctoral committee of this in writing and provide reasons.

(4) If the required assessments are not clearly outlined in the reviewer's opinion, the doctoral committee shall return the opinion for revision.

(5) If the reviewers' assessments deviate from one another by more than one grade, the doctoral committee shall appoint another reviewer.

(6) After the reviewer's opinions have been finalized, the dissertation and the reviewers' grade suggestions must be laid open in the examination office for review for two weeks, during the free reading period for four weeks. All members of the faculty council, professors and staff members with a doctorate, as well as the department's women's representative can review the dissertation and the grade suggestions and submit written comments that must be included in the doctoral documentation. The faculty council must inform this group of people when a dissertation has been laid open.

### **§ 9 Doctoral Commission**

(1) After the dissertation has been submitted, the doctoral committee shall immediately appoint the members of the doctoral commission for the respective doctoral procedure, and shall appoint one member as the chairperson. The supervisor cannot, however, be the chairperson.

(2) As a rule, the doctoral commission consists of the supervisor, who is a member of Freie Universität Berlin, and three additional professors. At least three of them must belong to the Department of Earth Sciences. It must also include an academic staff member with a doctorate.

One member should not represent the scientific area of the dissertation. Section 6, para. 6 shall not be affected.

(3) If the dissertation deals with issues involving several scientific areas as per Section 4, para. 2, sub-para. 3, the scientific areas, and, if needed, the departments, must, notwithstanding para. 2, be adequately taken into consideration when forming the doctoral commission.

(4) The tasks of the doctoral commission are as follows:

- a) Assess the dissertation on the basis of available opinions and written comments as per Section 8, para. 5,
- b) Schedule and conduct the oral exam
- c) Grade the oral exam,
- d) Determine the final grade by taking into consideration the individual grades of the dissertation and oral exam (pursuant to Sections 11 and 12).
- e) If applicable, issue prerequisites for the publication of the dissertation.

(5) The meetings of the doctoral commission are not open to the public.

(6) The decisions of the doctoral commission are based on the majority decision of its members. All votes on performance assessments are taken openly; abstentions are not allowed.

### **§ 10 Decisions on the Acceptance and Grading of the Dissertation, Oral Exam Scheduling**

(1) At the end of the period during which the dissertation had to be laid out, the doctoral commission shall decide on the acceptance, rejection, or revision of the dissertation. If the dissertation is accepted, it shall be graded pursuant to the grading system listed in Section 12, para. 1.

(2) If the dissertation is rejected, the doctoral commission shall declare the doctorate as not passed and will provide the reasons for its decision. No oral exam is scheduled in this case. The chair of the doctoral commission shall inform the doctoral candidate in writing of the rejection and provide the reasons for this decision.

(3) The doctoral commission shall inform the doctoral candidate on its decision after the dissertation has been accepted. The doctoral commission shall, jointly with the doctoral student, determine the time and date of the oral exam, which usually takes place during the lecture period. The oral exam can take place at the earliest 10 days after the acceptance of the dissertation. No more than three months should pass between the receipt of the last opinion and the oral exam. The chair of the doctoral commission shall issue the invitations to the oral exam upon the suggestions of the doctoral commission. The oral exam is

open to the university, unless the doctoral candidate objects.

(4) If the dissertation had to be revised, the oral exam shall not be scheduled until the revised dissertation has been submitted and reviewed, and the period during which the dissertation has to be laid open pursuant to Section 8, para. 6 has ended.

(5) If the doctoral candidate declares that he or she does not want to take the oral exam, the doctorate shall be deemed as not passed. The doctoral candidate must be informed of this by the chair of the doctoral committee in writing and provided with the reasons.

**§ 11  
Oral Exam**

(1) The purpose of the oral exam is to prove the doctoral candidate's ability to verbally explain and discuss scientific problems. The oral exam may be conducted in German or in English.

(2) The oral exam starts with a 30 minute presentation, during which the doctoral candidate explains the results of the dissertation and their significance within a larger subject-related context. During the following exchange, the doctoral candidate shall defend the dissertation against criticism and answer the questions of members of the doctoral commission. The questions should usually relate to a placement of the dissertation's problems into larger scientific contexts. Subsequently, the chair of the doctoral commission may allow questions from the public on the topic of the oral exam. The exchange period, which is open to the university, shall take approx. 30 minutes. Afterwards, the commission and the doctoral candidate shall continue with a non-public exchange, which should last no longer than 45 minutes.

(3) The chair of the doctoral commission shall coordinate the scientific exchange and decide the order and, if applicable, admissibility of questions. The chair may, in coordination with the doctoral candidate, exclude the public, if this is necessary for the proper execution of the oral exam.

(4) Minutes must be prepared on the progression of the oral exam. The members of the doctoral commission shall appoint one of its members as recording secretary. The minutes must be included in the doctorate file.

The minutes must include the following information:

- Date, time, and place of the oral exam
- A list of the attending members of the doctoral commission
- Dissertation grade

- Duration of the presentation and the exchange
- List of discussion contributions in bullet point format
- Grading of the oral exam as per Section 12, para. 1
- Final grade as per Section 12, para. 1
- Special explanatory notes

The minutes must be signed by the doctoral candidate and the chair of the doctoral commission.

(5) Should the doctoral candidate miss the oral exam without a valid excuse, the exam shall be deemed as not passed. The doctoral candidate shall be informed of this fact and the reasons for it in writing.

**§ 12  
Decision on Oral Exam and the  
Final Grade**

(1) After the oral exam, the doctoral commission shall grade the oral exam. It shall be graded with the following grades:

- Outstanding (summa cum laude)
- Very good (magna cum laude)
- Good (cum laude)
- Sufficient (rite)

For the assessment of the oral exam, the exchange has a higher weighting than the presentation. When calculating the final grade, the dissertation should have more weight than the oral exam. Then, the doctoral commission shall determine the final grade by using the grades pursuant to para. 1. The commission shall inform the doctoral candidate about the individual grades of the dissertation, the oral exam, and the final grade. The distinction "outstanding (summa cum laude)" can only be awarded as a final grade, if the dissertation and all parts of the oral exam were also graded as such.

(2) If the doctoral candidate did not pass the oral exam, he or she can retake it at the earliest after three and at the latest after six months.

(3) If the doctoral candidate also fails the second exam, the doctoral commission shall declare the doctorate as not passed and shall provide the reasons for its decision. The chair of the committee shall inform the doctoral candidate of this decision in writing and shall provide the reasons for the decision.

(4) After the doctoral commission has determined the final grade, the doctoral candidate shall be issued a certificate bearing the dissertation's title, the individual dissertation and oral exam grades and the final grade/distinction. This certificate does not entitle its owner to the use of the doctoral degree.

(5) The entire doctoral procedure must be treated confidentially, even after its completion. The file review is governed by the provisions of

the Statutes for General Examination matters(SfAP).

### § 13

#### Additional Doctoral Subjects

(1) If the doctoral candidate has gained knowledge in additional subjects within the context of his/her research-related education, the candidate must be provided with the opportunity to be tested on this knowledge.

(2) Prior to being admitted to an exam in such an additional subject, the minimum admission criteria must be determined together with the department responsible for that subject. An exam in an additional subject lasts approx.

30 minutes. It must take place after the dissertation has been submitted and prior to and independent of the oral exam.

(3) The doctoral candidate may also submit a request to the chair of the doctoral committee, asking that the grade for the examination in an additional subject be also listed on the doctoral certificate pursuant to para. 1. The performance shall be assessed according to the respectively valid examination regulations.

### § 14

#### Publication of the Dissertation and Submission Provisions

(1) The dissertation must be made available to the scientific community in an appropriate manner by copying and distributing it. The doctoral candidate must be provided immediate and appropriate access to conditions that were imposed by the doctoral commission on the publication, and must adhere to these. The doctoral candidate must have the text version to be published approved prior to publishing it. The approval shall be issued by the chair of the doctoral committee after having consulted with the supervisor. Pursuant to sub-para. 1, the dissertation shall be deemed as having been made accessible, after the candidate having provided the university library with the following copies free of charge in addition to the three copies required by Section 7, para. 6:

- a) 40 copies in letterpress print or picture print for circulation purposes,
- b) Three original publications, if the entire dissertation was published in a journal,
- c) Three copies if a commercial publishing house is taking care of its distribution within the book trade, a minimum circulation of 150 copies can be proven, and the back of the title page show that this publication

- is a dissertation and lists the place of the dissertation,
- d) Three reproducible copies in typescript together with the original copy and 50 additional copies in the form of microfiche or
  - e) One electronic version for which the data format and data carrier must be coordinated with the university library of Freie Universität Berlin

In the case of a), the university library must keep an appropriate number of exchangeable copies for four years. In the case of b) and c), the publication must be referenced as a dissertation including the location of the dissertation. In the case of a) and d), the doctoral candidate shall grant Freie Universität Berlin the right to produce and distribute additional copies of his or her dissertation. In any event, an abstract of the dissertation of not more than one page that was approved by the first reviewer must be included for publication purposes.

(2) If the dissertation is distributed by a commercial publishing house and if a print subsidy was awarded from public funds, the university library must be provided with five copies for the purpose of exchange.

(3) The publication and fulfillment of the submission obligations as per paragraph 1 must take place within one year from the date of the oral exam. The doctoral committee must, if so requested by the doctoral candidate, decide on an extension of this period by one additional year.

### § 15

#### Doctoral Certificate

- (1) A certificate in German shall be issued to certify the doctorate.
- (2) The certificate must contain the following information:
  - a) The names of Freie Universität Berlin and the Department of Earth Sciences,
  - b) The name, date of birth, and place of birth of the person who was awarded the doctorate,
  - c) The awarded degree Doctor of Natural Sciences (doctor rerum naturalium, abbreviated: Dr. rer. nat.).
  - d) The title of the dissertation,
  - e) The date of the oral exam, which is considered the date of the doctorate,
  - f) The grades of the dissertation, the oral exam, and the final grade,
  - g) The exam grade for the additional doctoral subject pursuant to Section 13, if so requested by the doctoral candidate,

- h) The names of the reviewers,
- i) The signature and name of the dean,
- i) The seal/stamp of Freie Universität Berlin.

(3) If it is learned before the certificate is presented that

1. the doctoral candidate
  - a) Is not worthy of a doctoral degree,
  - b) Has been deceitful with regard to important requirements for the conferment of the doctoral degree, or
2. The fulfillment of essential requirements for the conferment of the doctoral degree had erroneously been assumed without the situation described under 1 being the case,

the doctoral certificate shall, subject to a decision to the contrary by the doctoral committee, not be presented and in the case of a doctoral procedure as per Sections 1 - 14, the entire examination be declared as not passed.

(4) The doctoral certificate should be presented within four weeks upon fulfillment of the submission requirements as per Section 14, para. 1 and para. 3. The doctoral certificate entitles its owner to use the university degree Doctor of Natural Sciences (doctor rerum naturalium, abbreviated: Dr. rer. nat.). The presentation of the doctoral certificate must be noted in the files.

#### **§ 16 Appeal**

Persons concerned have the right to appeal the assessments of the doctoral work after the doctoral procedure has been concluded pursuant to the Statutes for Examination Matters. Appeals must be addressed to the doctoral committee.

#### **§ 17 Withdrawal of the Doctoral Application Discontinuation, New Doctoral Procedure**

(1) The doctoral committee can only approve an application from a doctoral candidate for a withdrawal of the admission to the doctoral procedure, if the dissertation has not yet been submitted. The procedural steps taken up to that date are no longer considered part of the doctoral procedure.

(2) If more than six years have passed since the student was admitted to the doctoral procedure, the doctoral committee may discontinue the procedure after having previously obtained the written approval of the supervisor and having heard the doctoral candidate. The discontinuation notice must include the reasons. It must be issued in writing

by the chair of the doctoral committee. This does not, however, preclude a new application for admission to the doctoral procedure.

(3) If the doctorate is not passed, admission to a new doctoral procedure may be applied for, but the new dissertation cannot be submitted until after one year has passed.

#### **§ 18 Joint Doctoral Procedure with Foreign Institutions**

(1) Doctoral procedures can be carried out jointly with foreign universities or equivalent educational institutions, if:

- a) The applicant fulfills the prerequisites for admission to the doctoral procedure pursuant to these rules and regulations at the Department of Earth Sciences of Freie Universität Berlin and
- b) The foreign university or equivalent institution has the right to grant doctorates in accordance with its national legal regulations, and the respective degree to be awarded would have to be recognized as a doctoral degree within the area of application of the Framework Act for Higher Education.

(2) The departments, faculties, or equivalent institutions must enter into an agreement stipulating how the joint doctoral procedure should, in individual cases and generally, be carried out. These agreements apply in addition to the provisions of these rules and regulations. The equivalency with the respectively applicable provisions of these rules and regulations must be guaranteed with regard to requirements and procedures.

#### **§ 19 Honorary Doctorate**

The faculty council can, if requested to do so by the dean, the research commission, or at least three professors of the Department of Earth Sciences, confer the degree of Honorary Doctor of Natural Sciences (doctor rerum naturalium honoris causa, abbreviated: Dr. rer. nat. h. c.). The degree is awarded for outstanding scientific work in the natural sciences that are significant for one of the scientific fields represented by the department pursuant to Section 4, para. 2, sub-para. 3. The doctoral committee must appoint a doctoral commission as per Section 9 to assess this type of work. The commission shall make a recommendation to the faculty council under consideration of three external opinions. The decision of the faculty council requires the approval of the majority of its members entitled to a doctoral degree.

**§ 20**  
**Revocation of a Doctoral Degree**

The revocation of a doctoral degree pursuant to Section 1 is governed by the respective legal provisions.

**§ 21**  
**Legal Effectiveness,  
Expiration, and Interim  
Regulations**

(1) These rules and regulations shall become effective one day after their publication in the Communications (official register of Freie Universität Berlin). Concurrently, the doctorate rules and regulations of the Department of Earth Sciences dated May 22, 1985 (official register for Berlin, p. 1607), amended on November 9, 1998 (FU Communication 19/1989) shall become invalid.

(2) Doctoral candidates that were admitted at the time these rules and regulations governing the doctoral procedure in accordance to the formerly valid doctorate procedure pursuant to para. 1, sub-para 2, can conclude the doctoral procedure pursuant to the doctorate rules and regulations as per para. 1, sub-para. 2, during the three years following the legal effectiveness of these rules and regulations.





---

Publisher: The President's Office of Freie Universität Berlin, Kaiserswerther Straße 16-18, 14195 Berlin ISSN: 0723-0745  
Publishing House and Distribution: Kulturbuch-Verlag GmbH, P.O. Box 47 04 49, 12313 Berlin  
Street address: Berlin-Buckow, Sprosserweg 3, 12351 Berlin Phone: Sales 661 84 84; Fax: 661 78 28  
Website: <http://www.kulturbuch-verlag.de>  
E-Mail: [kbvinfo@kulturbuch-verlag.de](mailto:kbvinfo@kulturbuch-verlag.de)

Distribution occurs through an address file that is managed by automated data processing (Section 10 Berlin Data Protection Act).  
The Official Register of the FU can be viewed on the Internet at [www.fu-berlin.de/service/zuvdocs/amtsblatt](http://www.fu-berlin.de/service/zuvdocs/amtsblatt).