

Guideline for the „Application for the substitution of the Rigorosum“ at the Faculty of Geosciences, Geoengineering and Mining

General information

The Regulations of the Faculty of Geosciences, Geoengineering and Mining for the Award of Doctorates at the TU Bergakademie Freiberg gives doctoral students the opportunity to choose whether they want to carry out their doctorate conventionally or as part of structured doctoral studies (§11, paragraph 1, §14 paragraph 8 and § 15 of the above-mentioned regulations). During the structured doctoral studies, the doctoral students acquire subject-specific and interdisciplinary qualifications in addition to their research work.

Points are awarded for participation in modules/lectures/courses as part of the structured doctoral studies and for other additional achievements. If the required total number of 15 credit points has been reached, an application for the substitution of the Rigorosum can be submitted to the faculty.

The calculation of the points for the different performances is based on the specific regulations of the Faculty (Annex 1).

The application for the substitution of the Rigorosum with comparable scientific achievements (as part of the structured doctoral studies) can be submitted at any time up to the submission of the dissertation (opening of the doctoral procedure).

It should be noted that only achievements that were gained within the period of doctoral studies (between the start of the doctorate noted on the "Declaration of Intent" and the date of submission of the dissertation) and which have not already been gained in the framework of those courses qualifying to undertake the doctorate.

The grade for the structured doctoral studies is derived from the grade(s) (if there is more than one grade, the arithmetic mean is calculated) that is/are achieved in subject-specific courses (at least 4 CP).

Application for the substitution of the Rigorosum

For the application for the substitution of the Rigorosum the appropriate form (Annex 2) must be used and the header as well as the two left-hand columns must be filled out.

For lectures/modules/courses in the field of “Subject specific knowledge – Special knowledge of the main topic of the thesis” and “Interdisciplinary knowledge”, the course of study to which the lecture/module belongs as well as the name of the module should be mentioned. If it is a lecture/module/course (of doctoral studies) of another university or research institute, the name of the university or research institute must also be given. If this is a university in abroad, a reason (confirmed by the supervisor) for the selection

of the module and a separate application to the Faculty Board for its recognition (§15, paragraph 6) are also required.

In the case of courses in the field of "Key competences" (soft skills and management), the course name and the institution at which the course was attended, the dates of the course days and the time scope of the course must be specified.

Presentations at conferences can only be credited if the applicant gave the presentation himself/herselves. Mere support work for the presentation is not eligible for credit.

For publications and posters, all authors, the title of the publication/poster as well as the name of the journal or conference must be given. If the applicant is not the first author, the approximate percentage of the own contribution to the publication or poster must also be given. The number of credit points to be awarded will be calculated accordingly. In order to be recognized, the publications must at least have been accepted for publication. Publications which will be used for a cumulative dissertation cannot be recognized additionally for the application of the substitution of the Rigorosum.

When given lectures or courses, the name of the lecture/course, the period (semester + year) and the scope (performed) must be stated. Teaching can only be rewarded up to a maximum of 6 credits.

In the case of the supervision of theses for student qualifications (Bachelor or Master thesis or special project (Studienarbeit) in the framework of Diploma study programmes), the name of the student, the title of the thesis and the qualification level of the thesis as well as the period in which the supervision took place are among the necessary details.

Confirmations

Certificates/evidence of graded achievements must be submitted in the original, all other evidence as (scanned) copies.

For presentations at conferences, an excerpt from the conference proceedings showing the name, location, and year of the conference as well as the name of the applicant and the title of the presentation is sufficient.

Publications can be proven by a link that leads directly to the website with the relevant information, or by the publication itself in form of a pdf file. The same applies for articles in books.

Teaching can be confirmed by the supervisor.

The cover sheet in student qualification theses serves as proof of the supervision of the student.

Furthermore, a written confirmation from the supervisor is required that she/he agrees with the application for the substitution of the Rigorosum in general as well as with the

graded module(s)/lecture(s)/course(s) in particular. This confirmation can be made informally by letter or e-mail or by using the form in Annex 3.

Where to apply

Applications for substitution of the Rigorosum have to be sent electronically to:

Dr. Corina Dunger

GraFA

e-mail: corina.dunger@grafa.tu-freiberg.de

A prior consultation is recommended.

Only applications that are complete and comply with all the rules will be forwarded to the Faculty for approval by the Faculty Board. The decision on the recognition of the achievements listed in the application for the substitution of the Rigorosum lies solely with the Faculty Board.

Faculty of Geosciences, Geo-engineering and Mining

Award of Credit Points when applied for the wave of the Rigorosum

Regarding new Regulations for the Award of Doctorates			
Performances	CP¹	CP Minimum-/Maximum number regarding new Regulations	
Special knowledge of the main topic of the thesis			
Lectures	With an extent of 2 SWS / 30 h: 3 (with AS ²) 1 (without AS ²)	minimum of 4 CP from lec- tures/courses/modules relevant to the subject, including graded proof	
Special short courses			
Modules	Regarding description within the module handbook (with fulfil- ment of the conditions)		
General science knowledge			
Lectures	With an extent of 2 SWS / 30 h: 3 (with AS ²) 1 (without AS ²)		
Special short courses			
Modules	Regarding description within the module handbook (with fulfil- ment of the conditions)		
Soft Skills and Management			
Courses	depending on the number of hours, presence + additional workload (self-study) 30 h = 1 CP		

¹ When modules have been taken, number of CP mentioned within the module handbook

² Assessment

Additional performances (The for the doctoral student relevant Faculty board decides on an individual basis if these performances will be accepted)		
Presentation at national conference	1	
Presentation at international conference	2	
Poster at national conference	0,5	
Poster at international conference	1	
Publication in national scientific journal	1	
Publication in international scientific journal	2	
Book publication (national)	2	
Book publication (international)	4	
Patents	4	
Giving of seminars/lectures	for each SWS = 2 CP (incl. preparation and go over)	up to 6 CP can be taken into account
Supervision of Studienarbeiten, Bachelor, Diploma or Master thesis	0,5	
		A total of 15 CP is required

The faculties can make additional requirements and can decide on the maximum or minimum amount of special/additional performances.

Assessments could be:

- oral or written examination
- experimental work
- constructional planning study
- computer programmes
- seminar papers, presentations
- written and-of-semester exam
- longer essay
- special project (Großer Beleg)
- project assignment
- recorded practical work in the context of a lecture, seminar or course

Application for the substitution of the doctoral oral examination (Rigorosum) by equivalent academic achievements

(Please pay careful attention to the specific rules of your faculty regarding the acceptance of certain performances!)

Name:

Institute:

Faculty:

Commencement of the doctorate

(see Declaration of Intent):

Performance	Date / Duration	Credit Points [1]	Proof provided [1]
Subject specific knowledge – Special knowledge of the main topic of the thesis (modules, lectures, courses)			
Please mention the name of programme from which the module originates as well as the grade obtained (graded performance record).			
Interdisciplinary knowledge (modules, lectures, seminars, practical or laboratory work, courses)			
Additional interdisciplinary qualifications – soft skills and management			
Presentations at national conferences			
Presentations at international conferences			
Poster at national conferences			

Poster at international conferences			
Publication in national scientific journal			
Publication in international scientific journal			
Book publication national / international			
Patents			
Teaching (seminars/lectures/practical or laboratory work)			
Supervision of student theses (Bachelor-, Diploma- or Master thesis)			
Total Credit Points		0	

[1] Will be completed by the staff of the GraFA.



CONFIRMATION OF THE SUPERVISOR

I hereby declare that I agree with my doctoral candidate's application for the substitution of the Rigorosum:

Title: _____ First name: _____ Surname: _____ .

Within the scope of this application, I also agree with the use of the following modules/lectures/courses as proof of achievement(s) with a grade:

I also confirm the provision of the following additional scientific achievements, for which no other proof could be provided by my doctoral student:

Presentations at conferences:

Poster at conferences:

Publications:

Teaching:

Supervision of student theses:

Patents:

(Name of the supervisor)

(Datum)

(Sign / Institut's stamp)