D. Module Handbook

<table>
<tr><td colspan="2">Georg-August-Universität Göttingen
Doctoral programme "Behaviour and Cognition"
P.BeCog.1: Acquiring knowledge of and reflecting on research</td></tr>
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<td>Learning objectives and skills

The doctoral students
1. shall critically appraise their research project and the literature relevant to their research area
2. shall learn to critically review scientific publications
3. shall select relevant examples from literature and shall put forward said examples in the framework of brief presentations
4. professionally present the structure of an independent scientific study and the design of the study;
5. report on progress in their doctoral work in the context of ongoing research
6. gain in-depth knowledge in subject-specific fields of knowledge and current research focus;</td>
<td>Scope of the module

4 Credits/
6 SWH

Workload in hours: 120
Attendance in hours: 60
Self study in hours: 60</td>
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<td>Courses and examinations

1. Seminar for doctoral students / Research seminar
2. Seminar for doctoral students / Research seminar
3. Seminar for doctoral students / Research seminar

Proof of examination prerequisites: Student lecture (approx. 25 minutes each) and discussion</td>
<td>SWH individual

2 SWH

2 SWH</td>
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Options	**Entry qualifications**
Compulsory module	None
Reassessment	**Applicability**
Twice	Doctoral programme "Behaviour and Cognition"
Frequency of course **Semester basics**	**Duration**
Each semester	The module can be completed in three semesters
Language	**Maximum number of students**
English	
Module examiner	
Prof. Dr. Julia Fischer	

Georg-August-Universität Göttingen **Doctoral programme "Behaviour and Cognition"** **P.BeCog.2: Technical and methodological basics**	
Learning objectives and skills The doctoral students 1. consolidate and specify theoretical knowledge and methodology they need for their dissertation; 2. learn how to independently gain and apply new knowledge and skills; 3. distinguish research topics from one another and derive relevant research questions that can be empirically verified based on the state of the research; 4. develop suitable study designs for answering research questions based on their acquired knowledge.	**Scope of the module** 4 Credits/ 6-8 SWH Workload in hours: 120 Attendance in hours: 60-80 Self study in hours: 40-60

Courses and examinations

Specialist methodology or advanced course in the research area of the doctoral studies or an external subject-specific advanced course, for example as part of an inter-university doctoral studies network
Proof of examination prerequisites: Student lecture (ungraded) or Work report (no more than 2 pages; ungraded) or demonstration of skill acquisition in practice

Options Compulsory module	**Entry qualifications** None
Reassessment Twice	**Applicability** Doctoral programme "Behaviour and Cognition"
Frequency of course **Semester basics** Each semester	**Duration** The module can be completed in one semester
Language German or English	**Maximum number of students**
Module examiner Prof. Dr. Dieter Heineke	

Georg-August-Universität Göttingen **Doctoral programme "Behaviour and Cognition"** **P.BeCog.3: Scientific teaching**	

Learning objectives and skills
 	
The doctoral students
  1. shall put together a course under instruction and guidance (exercise or such like) and advise students during lab rotations, courses or in the completion of their bachelor or master thesis;
  2. shall design targets, learning targets and the content of teaching units;
  3. shall hence acquire skills in the planning and organisation of courses
  4. shall acquire knowledge about the didactic tools used within scientific teaching
  5. shall acquire skills required to reflect critically on one's own teaching
  6. shall enlarge on their scientific horizon.
	Scope of the module
	
	4 Credits/
	4 SWH
	
	Workload in hours: 120
	Attendance in hours: 56
	Private study in hours: 64

Courses and examinations	**SWH individual**

Selection to the extent of 4 SWH:	
Conducting of a one-hour course independently (exercises, methodology course, tutorial)	1 SWH
Conducting of a two-hour course independently (exercises, methodology course, tutorial)	2 SWH
Support of at least 6-week lab rotations or a bachelor thesis	2 SWH
Support of a Diploma or master thesis	3 SWH
Proof of examination prerequisites: Creation of teaching material, or presentation or report (no more than 2 pages).	

Options Compulsory module	**Entry qualifications** None
Reassessment Twice	**Applicability** Doctoral programme "Behaviour and Cognition"
Frequency of course **Semester basics** Each semester	**Duration** The module can be completed in two semesters
Language German or English	**Maximum number of students**
Module examiner Prof. Dr. Julia Fischer	

Georg-August-Universität Göttingen **Doctoral programme "Behaviour and Cognition"** **P.BeCog.4: Scientific communication**		
Learning objectives and skills The doctoral students 1. systematically summarise their research findings and present the same in front of an expert audience; 2. can defend their own research project in disciplinary and inter-disciplinary discourse. 3. consolidate their knowledge to defend their own position in controversial discussions and to counter criticism constructively; 4. develop contacts with the international scientific community; 5. become familiar with new research and topical fields	**Scope of the module** 4 Credits Workload in hours: 120 Attendance in hours: 40 Self study in hours: 80	
Courses and examinations Scientific contributions to two national or international conferences Proof of achievement: lecture in each case (approx. 20 minutes) or poster presentation and discussion		

Options Compulsory module	**Entry qualifications** None
Reassessment Twice	**Applicability** Doctoral programme "Behaviour and Cognition"
Frequency of course **Semester basics** Each semester	**Duration** The module can be completed in two semesters
Language English	**Maximum number of students**
Module examiner Prof. Dr. Julia Fischer	

Georg-August-Universität Göttingen Doctoral programme "Behaviour and Cognition" P.BeCog.5: Key competencies	
Learning objectives and skills The doctoral students 1. acquire interdisciplinary methods and key competencies that are expedient to their doctoral studies and their professional start, for instance project and time management, advanced scientific writing, presentation techniques, Teaching in Higher Education, leadership skills. 2. on their own initiative seek further education in the fields of general, personal, social and professional skills, for instance by completing company internships or traineeships.	**Scope of the module** 4 Credits/ 4-8 SWH Workload in hours: 120 Attendance in hours: 40-80 Self study in hours: 40-80
Partial modules: Courses and examinations	**SWH individual**
The doctoral candidates consult with the thesis committee to select courses that enlarge on their key competencies, hence contributing to an improvement in their doctoral studies project and their vocational qualification. Specialised and also interdisciplinary methodical courses from those offered by the university and also other institutions can be selected. Proof of examination prerequisites: Student lecture (ungraded) or work report (no more than 2 pages; ungraded) or demonstration of skill acquisition in practice	flexible

Options Compulsory module	**Entry qualifications** --
Reassessment Twice	**Applicability** Doctoral programme "Behaviour and Cognition"
Frequency of offer, semester repetition Each semester	**Duration** The module can be completed in one semester
Language German, English	**Maximum number of students**
Module examiner Prof. Dr. Julia Fischer	