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| **MD,PhD Candidates: Neuroscience PhD Specialization Curriculum Example** |
| **Neuroscience Specialization****25 ECTS Total** | **Courses, Lectures, Workshops, Tutorials, Educational Events, etc.** |  |
| Mandatory(0.0 ECTS) | CTS/KSL Root Nr. 427910Scientific Integrity Lecture (2 hours) | Lecture also fulfils GCB mandatory requirements |
| Mandatory(1.5 ECTS) | CTS/KSL Root Nr. 427910Communicating Science, Scientific Writing\* | May but must not be applied to fulfil GCB mandatory requirements. |
| Mandatory(4.0 ECTS) | Oral exam in neurophysiology | May but must not be applied to fulfil GCB mandatory requirements, e.g., course with graded exam |
| Mandatory(4.0 ECTS) | Oral exam in neuroanatomy | May but must not be applied to fulfil GCB mandatory requirements, e.g., course with graded exam |
| Mandatory(6.0 ECTS) | BENEFRI Neuroscience Workshop (over 3 years) | Workshop may but must not also fulfil GCB requirements |
| Mandatory(5.0 ECTS) | BENEFRI Hands-on Workshop (over 2 years) | Workshop may but must not also fulfil GCB requirements |
| Mandatory courses total 20.5 ECTS |

\*Possible alternative CTS/KSL Root Nr. 420465 Scientific Communications for PhD Students, 2.0 ECTS

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| **MD,PhD Candidates: Neuroscience PhD Specialization Curriculum Example****Additional, elective, optional** |
| **Neuroscience Specialization****11.5 ECTS Total** | **Courses, Lectures, Workshops, Tutorials, Educational Events, etc.** |  |
| Additional, elective, optional(3.0 ECTS) | Neuroanatomy course | Course may but must not also fulfil GCB requirements |
| Additional, elective, optional(3.0 ECTS) | Neurophysiology course | Course may but must not also fulfil GCB requirements |
| Additional, elective, optional2 ECTS | Neuroscience Lecture Series | Course may but must not also fulfil GCB requirements |
| Additional, elective. Optional(2.5 ECTS) | Choose from list of courses provided by Neuroscience PhD specialization organizers | When scientifically oriented, may but must not also fulfil GCB requirements |





Doctoral Agreement – MD PhD

**PhD Candidate:** Click here to enter text. (Name and Institution)

**Matriculation Number:** Click here to enter text.

**Type of employment: doctoral candidate**

**Proposed title of degree:** Click choose title from dropdown menu.

**The rules for conferring a doctorate at the GCB (Promotionsreglement) which applies to your doctorate, is to be found here:** [GCB Promotion Regulations](https://www.gcb.unibe.ch/phd_program/regulations/index_eng.html).

*If you have more than one name on any of the following positions, please enter all names.*

**Supervisor:** (Title/Name/Address//Institute)Click here to enter text.

**Co-Advisor:** (Title/Name/Address//Institute)Click here to enter text.

**Mentor:** (Title/Name/Address//Institute)Click here to enter text.

**Thesis Title:** Click here to enter text.

**Form of the doctoral thesis:** Cumulative

**Language of the doctoral thesis:** English

The Doctoral Agreement sets out the rights and duties of doctoral candidates and supervisors during the period of doctoral work and it is a mandatory document required form the Executive Board of the University of Bern.

**The Doctoral Agreement should be adjusted according to changed circumstances** (see Section 8, below) **throughout your PhD program**.

**Enter required information electronically and accurately.**

1. **Duration**
The doctoral work starts Click or tap to enter a date.(mm/yyyy) , and is expected to last until (mm/yyyy). Click or tap to enter a date.
2. **Aim**The aim of the doctoral work is to study Click here to enter text.
3. **Place of work**The experimental and/or empirical work will be performed at the Institute/Department of Click here to enter text. .
4. **Financial Support**
Prof./Dr. Choose an item. (name) guarantees a salary and the research costs for at least 2 years and makes every possible effort to secure the necessary finances for the remaining time.
5. **Supervision**
The supervisor commits himself/herself to discuss progress and emerging problems with the student at least monthly. The PhD candidate will present his/her research data at designated seminars or colloquia. Every year for the progress report and during the exam the supervisor and the candidate will discuss about future research developments.
6. **Meetings, Conferences**The PhD candidate is encouraged to present his/her results at international meetings or conferences. Click here to enter text.
7. **Teaching duties and/or other responsibilities of the PhD candidate at the institution (max. 10% of working time):**Click here to enter text.
8. **Curriculum**The courses as outlined on page 3 of this agreement are components of the PhD program. All courses listed as «Mandatory requirements» must be attended. **Any changes in the mandatory curriculum are subject to approval by the supervisor and the mentor of the PhD candidate, and must be communicated to the coordinator of the GCB for final approval.**
9. **Exams**
	1. A minimum of 6.0 ECTS must be achieved by attending *scientifically-oriented* courses (see «Studienplan», Art. 4), as outlined on page 3 of this agreement.
	2. Mid-term Evaluation (see «Studienplan», Art. 5)
10. **Progress Reports**A study record on the progress of your doctoral work must be submitted to the GCB every year.
11. **Timetable**
Copy here the timetable inserted in the Research Project Form for the application.**Curriculum** [**Mandatory Requirements**](https://www.gcb.unibe.ch/phd_program/md_phd_program_amp_md_phd_scholarships/md_phd_program/index_eng.html)**:**
* **Min. 6.0 ECTS of *scientifically oriented* courses,** of which at least **3.0 ECTS** must be lecture courses or book clubs *which include a graded examination.* **Please list *exact, official* course titles, CTS/KLS root numbers, and external institutions where applicable**
* **Participating in the course “scientific integrity”**
* **Attendance and participation in the GCB Symposium starting the 2nd year of the PhD studies**

**Passing the exams** of the «Mandatory requirements» (max. 2 attempts) **is an obligatory prerequisite to continue** with the PhD program(see «Promotionsreglement», Art. 92 and Art. 191).

**Mandatory Requirements**

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **CTS/KLS Root Nr.** | **Description** | **ECTS** |
|       | 427910 | Scientific Integrity | 0 |
|       | 473600 | Communicating Science, Scientific Writing | 1.5 |
|       |  | Oral exam in neurophysiology | 4 |
|       |       | Oral exam in neuroanantomy | 4 |
|       |       |  |  |
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**Please note that for many lecture courses at the University of Bern, a registration via the electronic examination administration system** [**CTS/KSL**](http://www.unibe.ch/university/organization/executive_board_and_central_administration/vice_rectorate_teaching/teaching_administration_systems_tas/index_eng.html) **is mandatory.** For more details, refer to the GCB website [«Courses and Examinations»](http://www.gcb.unibe.ch/training/courses_and_examinations/index_eng.html).

**Additional lectures, seminars, courses, workshops**

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **CTS/KLS Root Nr.** | **Description** | **ECTS** |
|       |       | BENEFRI Neuroscience Workshop (over 3 years) | 6.0 |
|       |       | BENEFRI Hands-on Workshop (over 2 years) | 5.0 |
|       |       | Neuroscience lecture series in Bern | 2.0 |
|       |       | Neuroanatomy course \*(optional) | 3.0 |
|       |       | Neurophysiology course \*\* (optional) | 3.0 |
|       |       | Additional credits to be self-chosen / electives to equal 31 total ECTS |  |
|  |  |  |  |
| \* Bern:German, Fribourg:English, French ; \*\* Bern:English, Fribourg:English |

**Meetings / Conferences**

|  |  |  |
| --- | --- | --- |
| **Date** | **Description** | **ECTS** |
|       |       |       |
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**Bern, Click or tap to enter a date. (date)**

The signatories confirm to have taken notice of the content of this document:

**Names:** PhD candidate Supervisor Mentor

 Click here to enter text. Click here to enter text. Click here to enter text.

**Signatures:** PhD candidate Supervisor Mentor

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**This dated and signed document must be submitted to the GCB.**