

## Leaflet for doctoral researchers taking a structured doctorate in Medicine

- This leaflet contains important supplementary information about the curriculum for structured doctorates in Medicine at the University of Lübeck.
- To complete your doctorate, you must take at least 6 credit points (CP) of available courses and activities. If transitional regulations apply, you are required to take at least 3 CP of courses and activities.
- 1 CP is equivalent to 1 ECTS, which is equivalent to roughly 30 working hours, which comprises 15 hours in attendance plus 15 hours' independent study.
- The smallest unit of credit points is 0.25, which is equivalent to 7.5 working hours in total. Periods of face-to-face study and activity may include active participation in a retreat, conference, workshop, institute seminar, doctoral seminar or journal club. 'Active' indicates that your participation includes some kind of a presentation (e.g. a talk or poster presentation).
- You should always demonstrate to CDSL in writing that you have participated in a given activity. If necessary, you can use one of the [CDSL's certificate templates](#) to provide 'proof of participation'.

### Compulsory element

*Good scientific practice* (recommended for Y.1 of the doctorate): you participate in a workshop which lasts 7.5 hours and receive 0.5 CP.

### Individual / optional elements

*ProWiSP*: you can receive 1 CP for participating in the 'Seminar for doctoral research and scholarship in study and practice' (*Seminar zu Promotion und Wissenschaftlichkeit in Studium / Praxis (ProWiSP): Methoden, Skills und Forschungsfelder / Kliniken / Institute*). The seminar introduces you to doctoral study and scientific research. It also discusses the different types of doctoral research possible in the University's clinics and institutes (e.g. experimental, clinical, statistical or theoretical). This seminar series is particularly suitable for medical researchers.

*Institute seminar series, doctoral seminar series including your own talk*: a seminar series involves project-specific talks, especially progress updates by doctoral researchers attached to an institute, clinic, research group, doctoral programme (e.g. RTG / GRK) or similar. You can receive a maximum of 2 CP for participation in institute and doctoral seminar series.

*Journal club including your own talk*: a journal club involves the presentation by doctoral researchers of unfamiliar, project-related, scientific articles written by other people. You can receive a maximum of 2 CP for participation in journal clubs.

*Active participation in a retreat*: active participation in a retreat (e.g. an invited workshop) includes a contribution by you, in the form of a talk or poster presentation. You can receive a maximum of 2 CP for participating in retreats.

*Participation in a subject-specific workshop* (e.g. addressing animal welfare and animal experimentation, bio-statistics, protection from x-rays, gene technology, HPLC techniques etc.).

*Interdisciplinary training / soft skills workshop*: you can choose suitable training courses from those offered by the University of Lübeck or external organizations.

*Ethics in Science*: the CDSL offers workshops on *Ethics in Science*. As an alternative, you may also participate in other courses with similar content and of similar duration.

*Participation on a lecture course / in a module including examination*: you can participate in project-specific modules taken from the University's degree programs in Informatics / Natural Sciences and Medicine. This involves attending lectures, as well as participating in practical sessions, tutorials and training exercises. To receive a module certificate including a grade, you must also participate in the module's assessment, which might take the form of a verbal examination, a written examination or some kind of written coursework. The module certificate serves as proof of participation. Modules can only be credited once. This means, if you took a module as an integral part of your undergraduate degree, you cannot use it for a second time as part of your doctoral degree.

*Publication, first author*: to receive 2 CP, your publication must be accepted by an (international) peer reviewed journal. You must have made a substantial contribution to the article and be recognised as first author. If your substantial contribution is not identified by the journal in the usual way, namely by your position as first or last in the list of authors, then you must be able to show that your contribution is equivalent to that made by the first or last author in a biomedical journal.

*Publication, co-author*: to receive 0.5 CP, your publication as co-author must be published in an (international) peer reviewed journal. As co-author, you must make a substantial contribution to the publication and this should be confirmed by the first author.

*Active participation in a conference*: you receive 1 CP for active participation in a conference. This involves either presenting a poster or giving a talk about your research. You can be credited for giving *one presentation as a poster* and *one presentation as a talk*.

*Organisation of a conference / symposium*: you receive 2 CP for organising a specialist conference, symposium or comparable event. 'Organisation' involves the independent planning and implementation of the event. The event itself should last at least 8 hours.

