

**Structured Doctoral Program in accordance with Section 10 of the
Doctoral Regulations of the Department of Chemistry and Chemical Biology
at TU Dortmund University**

dated 16 March 2026

pursuant to the resolution of the Department Council

dated 4 February 2026

The structured doctoral program is divided into three distinct areas:

1	Pre-doctoral studies	at least 10 CR
2	Further academic training	at least 7 CR
3	Interdisciplinary skills	at least 7 CR
	total CR	at least 30 CR

The **pre-doctoral studies (1)** comprise the following mandatory and optional elements:

1a	Annual written progress report and work plan	mandatory	3 CR (regardless of the number of necessary reports)
1b	Two presentations (poster or talk) at conferences or workshops	mandatory	3 CR per presentation (in total 6 CR)
1c	Participation in the working group seminar	mandatory	1 CR
1d	Publications	optional	3 CR per publication (max. 9 CR)
1e	Research stays at another university or research institution, accompanied by a corresponding report and written confirmation of the stay	optional	1 CR per week (max. 4 CR)
	Total CR		at least 10 CR

Further academic training (2) includes attendance at and participation in lectures, seminars/presentations, internships and language courses. The following mandatory and optional activities are elements of further academic training (TN: attendance without examination, SWS: weekly hours per semester):

2a	A lecture which is either subject-specific or closely related to the subject. Attendance at further subject-specific lectures or lectures related to the subject is optional. The lectures must not be identical to those already attended during a <i>Diplom</i> , Bachelor's or Master's degree program.	TN, mandatory	1 CR/SWS (max. 6 CR)
2b	Attendance at 30 colloquia/lectures in the subject area or in subject didactics (10 per academic year): These colloquia/lectures may be organized by the department or by third parties (e.g., the German Chemical Society or a Max Planck Institute). Provided the requirements of subsection 3, sentence 2 are otherwise met, a doctoral candidate may complete their structured doctoral program after 4 semesters if they have attended at least 20 colloquia/lectures, and after 5 semesters if they have attended at least 25 colloquia/lectures.	TN, mandatory	0.2 CR per colloquium/lecture (max. 6 CR)
2c	Internships/training courses for further professional development in industry, research institutions or other departments/subject areas (e.g., Physics, Computer Science, Economics, Biology, Medicine or the FDM curriculum at the University Alliance Ruhr)	TN, optional	1 CR/week (max. 3 CR)
2d	Lectures outside one's own subject	TN, optional	1 CR/SWS
2e	Language courses at a university lasting at least one semester	Certificate, optional	1 CR/SWS
2f	Language courses abroad at an accredited language school (at least 5 lessons of teaching per day, for at least 3 weeks)	Certificate, optional	1 CR/SWS
2g	Completion of modules from the certificate program at TU Dortmund University or the University Alliance Ruhr	Certificate, optional	2 CR/certificate
	Total CR		at least 7 CR

The Doctoral Commission may exempt the doctoral candidate from the obligation to attend a specialist lecture or a lecture related to their field of study (2a) if it is anticipated that particular circumstances will make attendance impossible or significantly more difficult for the doctoral candidate throughout the entire expected duration of the structured doctoral program. The application must generally be submitted together with the application for admission to the doctoral examination procedure. If the special circumstances arise only after admission, or if the doctoral candidate only becomes aware of them after admission, the application must be submitted immediately upon becoming aware of them. The exemption does not reduce the number of CRs to be completed by the doctoral candidate in this area or in total. The Doctoral Commission may make the exemption conditional upon the completion of a comparable achievement.

Interdisciplinary skills (3) include various supervisory and teaching activities, public relations work, and seminars on rhetoric and presentation techniques. The following mandatory and optional elements are part of the interdisciplinary skills:

3a	Supervising one-semester laboratory courses for a group of students	opt.	3 CR/ laboratory course
3b	Conducting practical exercises (time commitment comparable to laboratory courses as defined in 3a)	opt.	3 CR/ semester
3c	Supervising individual research interns, co-supervising Bachelor's or Master's theses, supervising exchange and Erasmus students, training apprentices	opt.	2 CR/ candidate
3d	Supervision of school students during an internship of at least two weeks, followed by a written assessment of each student by the doctoral candidate.	opt.	0.5 CR/ week/pupil
3e	Taking on public relations tasks for the department (e.g., acting as a mentor, helping to organize the campus festival, assisting with the department's external engagements, helping to organize a conference or workshop)	opt.	0.5 CR/ event (max. 2 CR)
3f	Attendance at seminars on presentation techniques and/or public speaking	TN, opt.	1 CR/SWS
	Total CR		at least 7 CR

At least one of the requirements listed in (3a) – (3b) is mandatory. The Doctoral Commission may exempt the doctoral candidate from this requirement if it is anticipated that particular circumstances affecting the doctoral candidate will make it impossible or significantly more difficult for them to fulfil these requirements throughout the entire expected duration of the structured doctoral program. The application must generally be submitted together with the application for admission to the doctoral procedure. If the special circumstances arise only after admission, or if the doctoral candidate only becomes aware of them after admission, the application must be submitted immediately upon becoming aware of them. The exemption does not reduce the number of credits the doctoral candidate is required to complete in this area or in total. In the event of an exemption, credits may be earned in accordance with (3e) up to a maximum of 5 credits.