

# Module Manual for the Structured Doctoral Program at the "Dortmund Graduate School of Physics" of the Department of Physics at TU Dortmund University

(Version of 1 May 2024)

This Module Handbook regulates the crediting of the different qualification measures as well as the minimum and maximum number of credit points (CP) from the different areas of the qualification program. Until the submission of the dissertation, the doctoral candidates must have participated in qualification measures with a scope according to the Doctoral Regulations of the Department of Physics.

## Area: Subject-related Qualification

A minimum of 5 CP and a maximum of 19 CP can be credited from this area. Creditable are:

	CP	Maximum CP
Participation in subject-related courses	per course	6
Participation in conference, workshop, summer school - independent of an own presentation	2 CP per event	4 x 2 = 8
Longer research stay at an external institution	0.5 CP per month	6 x 0,5 = 3
Submission of mandatory written reports on the progress of the dissertation	1 CP per report	2 x 1 = 2

Explanations:

- Subject-related courses means lectures from the area of the dissertation project at least at Master's level. Recognition is granted by the supervisor.
- Participation in a conference, workshop, summer school with own presentation can be credited for the same event both here and in the field of *Publication and Science Communication* (see below). Example: A presentation at a DPG conference counts as 2 CP here and 2 CP in the area of publication and science communication.

Not eligible for credit points:

- Participation in the working group seminar (part of quality assurance)
- Participation in the colloquium (general continuing education)

## Area: Interdisciplinary Qualification

A minimum of 3 CP and a maximum of 12 CP can be credited from this area. Creditable are:

	CP	Maximum CP
Participation in mandatory training in the field of equal opportunities	1	1
Participation in the mandatory module on good scientific practice	2	2
Participation in courses for interdisciplinary qualification, e.g. project and time management, presentation training, scientific writing	2 CP per course	3 x 2 = 6
Participation in university language courses or certification courses	CP depending on course	3

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Explanations:

- Generally, language courses that are related to the doctoral project will be credited. University language courses are courses offered by TU Dortmund University. Certification courses can also be credited as external courses if the successful participation is documented by a certificate.

Not eligible for credit points:

- Participation in the seminar on occupational fields (part of career development)

### Area: Supervision and Teaching

A maximum of 10 CP can be credited from this area. Creditable are:

	CP	Maximum CP
Supervision of subject-related exercises, practical trainings or seminars	3 CP per course	10 in total
Participation in the supervision of Bachelor's theses	2 CP per supervised theses	10 in total
Participation in the supervision of Master's theses	3 CP per supervised theses	10 in total
Participation in the lecture preparation and presentation	1 CP per term	5 in total

Explanations:

- In this area, only 10 CP can be achieved (though the 34 CP are maximally possible). Additional CP expire (for example for 4 supervised courses)

### Area: Publication and Science Communication

A minimum of 4 CP and a maximum of 19 CP can be credited from this area. Creditable are:

	CP	Maximum CP
Substantial contribution to a publication (published, submitted or on the preprint server <i>arXiv</i> )	4	2 x 4 = 8
Presentation (lecture or poster) at conferences, workshops, etc. or invited external talk/presentation	2	4 x 2 = 8
Substantial participation in the organization of conferences	1	1
Assumption of tasks in the field of subject-related public relations work	1 CP per measure	2

Explanations:

- The presentation at a conference, workshop or similar can be credited for the same event both here and in the area of *Subject-related Qualification* (see above).

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