

Table 1. Komponenten des fachlichen Qualifikationsprogramms.

No.	Assessment component	Remarks	Min. credits earned	Max. credits earned
1	Lecture courses related to Transport in Confinements	3 credits pro course	3	3
2	Lecture courses related to Computational Chemistry, Data Science and AI	3 credits pro course	3	3
3	Lecture courses related to Advanced Materials their Characterization and Properties	3 credits pro course	0	6
4	Colloquium series on Transport in Structured Materials	2 credits	2	2
5	Research group seminar, literature seminar	1 credit per semester	0	4
6	Active participation in the doctoral symposium	1 credit per active participation	1	3
7	Research proposal	1 credit	1	1
8	TransMat Retreat	1 credit per participation	1	3
9	Attendance at summer schools/courses on methods	2 credits per course	0	4
10	Research stay abroad	1 credit per three weeks stay	0	4
11	Active participation at conferences	1 credit per conference	0	3
12	Authoring of accepted manuscripts (as lead author)	4 credits per manuscript	0	8

Table 2. Komponenten der „Schlüsselkompetenzen“.

No.	Assessment component	Remarks	Min. credits earned	Max. credits earned
13	Courses on Research Data Management	1 credit per course	0	3

14	Soft-skill courses for Self-Development	1 credit per course	1	4
15	Courses on Scientific Ethics and Good Scientific Practice	2 credits per course	2	4
16	Courses on Scientific Writing, Communication and Presentation	2 credits	2	6