

Learning on-the-Job: scope of Activities

The table below refers to learning by doing: Learning on-the-Job. It comprises an overview of the academic activities through which PhD candidates can gain new knowledge, experience and skills, and are accredited with study points as well (minimum of 5 and maximum of 15 GS credits). PhD candidates of the TU Delft Graduate School demonstrate that a number of facets involved in the training to become an independent researcher, have formed a focal part of their PhD studies. Moreover, outlining the activities included in Learning on-the-Job clarifies what developmental progress is expected during the actual PhD work.

This table defines which activities can be done in exchange for credits, how many credits can be received per activity and the number of times that a PhD candidate can receive credits for performing a particular activity. As with all matters regarding Doctoral Education, learning on-the-job must also be decided in consultation with the supervisory team. In cases where a credit range has been listed (e.g. 2-4 credits for writing a research proposal), the supervisors may determine the exact number of credits to be received according to time spent and quality delivered by the PhD candidate.

PhD candidates belonging to the Graduate School of AE, A+BE, CEG and EEMCS, must follow the learning on-the-job table proposed by their faculty:

[Learning on-the-Job overview AE](#)

[Learning on-the-Job overview A+BE](#)

[Learning on-the-Job overview CEG](#)

[Learning on-the-Job overview EEMCS](#)

Activities:	GS credits indication	Maximum nr. of times with GSC
<i>1. Scientific Presenting & interacting</i>		
Addressing a small audience	0.5	2
Addressing a major international audience	1	3
Poster presentation, small audience	0.5	2
Poster presentation, major international audience	1	3
Participation in work consultation with research partners	0.5	3
<i>2. Writing and publishing</i>		
Designing and writing a manual, instructions, etc.	1-3	1
Writing a research proposal	2-4	1
Paper review	1	2
Writing the first conference paper	1	1
Writing the first journal article	2-4	1
<i>3. Teaching & supervision</i>		
Supervising a MSc student/ Bachelor project groups (incl. correcting master thesis)	2-6	1
Teaching assistance: designing examination assignments	1	2
Teaching assistance: designing laboratory test	2-3	2
Teaching assistance: assisting in laboratory course /tutorial	1-3	1
Teaching assistance: providing technical/material support for lectures, correcting written exams	1-3	1
Teaching assistance: preparation of materials and assist in the 2 day Software/Data Carpentry workshop	2	1
Peer-review & peer-learning meetings (4-6 x 0,5 day), for example as follow up of the PhD Start Up	2-3	1

Table 1 – Overview Learning on-the-Job activities with corresponding GS credits

N.B. The scope of activities that may be considered as “Learning on-the-job” and the respective GS credits may be subject to change