



Westsächsische Hochschule Zwickau

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Department Physical Engineering / Computer Sciences **Examining board of physical studies**

Information on the execution of the 7th semester in the bachelor degree courses Physical Engineering, Microtechnology and dual study Microtechnology

The regulations for examination and study concerning the bachelor courses mentioned above state as follows for the 7th Semester:

Internship Module (PTI 410): development period 12 weeks, 18 ECTS, 540 hours, examination: internship report which accounts for factor 1 of the final grade

Bachelor Project (PTI 411): development period 8 weeks, 12 ECTS, 360 hours, examination: bachelor dissertation and colloquium which accounts for factor 3 of the final grade

The 7th semester is a winter semester. It starts on the 1st September and ends on the 28th February of the next year. Hence, the course is 26 weeks long including breaks for Christmas and New Year's Eve. The requirements for the successful completion of PTI 410 and PTI 411 can be met within this timeframe.

There are two options for the organisation of the 7th semester:

1. The students have the possibility to stay in one company or research institute for the whole semester. In this case, the student should work on two independent subjects which are based on each other. The first topic will be examined after 12 weeks. For this purpose the students have to create a poster (internship report). This poster has to be presented in front of a board at the WHZ on the Internship Day. If the student passes this examination and the student has fulfilled all necessary requirements the topic for the bachelor dissertation will be issued. The Bachelor thesis has to be submitted 8 weeks after the topic has been issued. A colloquium related to the bachelor dissertation symbolises the completion of the bachelor assessment. An external advisor (one who does not work at the WHZ) will be appointed as examiner for the bachelor project. The bachelor project accounts for 67 % and the colloquium accounts for 33 % of the final mark.

2. The students have the possibility to take an internship in a company or research institute for a period of 12 weeks and work on a scientific topic. This topic will be examined after the 12 weeks. For this purpose the students have to create a poster (internship report). This poster has to be presented in front of a board at the WHZ on the Internship Day. If the student passes this examination and the student has fulfilled all necessary requirements the topic for the bachelor dissertation will be issued. The dissertation needs to be created in a second suitable facility including WHZ. The Bachelor thesis has to be submitted 8 weeks after the topic has been issued. The dissertation will be evaluated by two internal examiners or when appropriate an external examiner. A colloquium related to the bachelor dissertation symbolises the completion of the bachelor assessment. The bachelor project accounts for 67 % and the colloquium accounts for 33 % of the final mark.

The two possibilities mentioned above are easily transferable to an internship abroad. Thus, the entire 7th semester as well as a part of the semester can be completed abroad.