



# **Master of Science**

The Faculty of Mathematics and Natural Sciences  
under the Deanship of Dr. Werner Weitschies,  
University Professor of Biopharmaceutics,  
hereby awards

**Philipp Hacker**

born on 15 June 1994 in Demmin

the degree of

**Master of Science (M.Sc.)**

upon successfully completing the degree course in

**Physics**

Greifswald, 08 December 2017

A handwritten signature in black ink, likely belonging to the Dean.

Dean

Embossed Seal  
of University

A handwritten signature in black ink, likely belonging to Prof. Dr. Andre Melzer.

Prof. Dr. Andre Melzer  
Chairman, Examination Committee  
Master of Science in Physics

**Ernst-Moritz-Arndt-Universität Greifswald**  
Faculty of Mathematics and Natural Sciences



**Examination Certificate**  
**Master of Science in Physics**

**Philipp Hacker**

born on 15 June 1994 in Demmin

has passed the Master's Examination according to the specific  
Examination Regulations for the Master of Science in Physics  
from 22 September 2006 with the overall mark

**good (2.2)**

**Master's Thesis:**


Kinetic effects in RF discharges

good (2.0)

Prof. Dr. Ralf Schneider/  
Prof. Dr. Jürgen Meichsner

Date of final examination: 08 December 2017

Embossed  
University Seal

  
Prof. Dr. André Melzer  
Chairman, Examination Committee  
Master of Science in Physics



**Transcript of Records**  
of the Faculty of Mathematics and Natural Sciences

**Master of Science in Physics**

**Philipp Hacker**  
born on 15 June 1994 in Demmin

Modules	Grade	Credit Points
<b>Subject Modules</b>		
Advanced Quantum Mechanics	3.0	9
Advanced Laboratory Course	passed	9
<b>Advanced Module Main Subject</b>		
Low-Temperature Plasma Physics	2.7	12
Laboratory Course	passed	9
Seminar Special Subject	passed	3
<b>Advanced Module Minor Subject</b>		
Nano and Interface Physics	1.7	6
<b>Non-Physical Minor Subject: Mathematics</b>	<b>2.0</b>	<b>12</b>
Numeric II	2.3	9
Special Lectures I	1.3	3
<b>Module Master's Thesis</b>	<b>2.0</b>	<b>60</b>
Project Planning	passed	15
Methods	passed	15
Master's Thesis	2.1	28
Defence	2.0	2
<b>Master Grade</b>	<b>2.2</b>	<b>120</b>

Date of final examination: 08 December 2017



Prof. Dr. André Meizer  
Chairman, Examination Committee  
Master of Science in Physics