



Examination Certificate

Bachelor of Science in Physics

Philipp Hacker

born on 15 June 1994 in Demmin

has passed the Bachelor Examination according to the
specific Examination Regulations for the
Bachelor of Science in Physics of 05 July 2010
with the overall mark

satisfactory (2.9)

Bachelor Thesis: Modenanregung in Yukawa-Bällen

good (2.0)

Prof. Dr. André Melzer
Prof. Dr. Lutz Schweikhard

Date of final examination: 28 September 2015

Embossed Seal
of University


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



Bachelor of Science

The Faculty of Mathematics and Natural Sciences
under its Dean Dr. rer. nat. Klaus Fesser,
University Professor of Theoretical Physics,
certifies that

Philipp Hacker

born on 15 June 1994 in Demmin

upon successfully completing the studies in

Physics

is admitted the degree of

Bachelor of Science (B.Sc.)

Greifswald, 28 September 2015

Embossed Seal
of University

Dean

A handwritten signature in blue ink, appearing to read "Klaus Fesser".



Transcript of Records

of the Faculty of Mathematics and Natural Sciences
Bachelor of Science in Physics

Philipp Hacker

born on 15 June 1994 in Demmin

Modules

Fundamentals

	Grade	Credit Points
Linear Algebra	4.0	9
Calculus 1	3.7	9
Calculus 2	4.0	9
Calculus 3 features theory	3.3	6

Modules Experimental Physics

Experimental Physics 1	2.5	10
Experimental Physics 2	2.6	14
Experimental Physics 3	2.8	14
Experimental Physics 4	1.3	6
Experimental Physics 5	passed	6
Diagnostic Methods of Modern Physics	1.9	10

Modules Theoretical Physics

Mathematical Methods in Physics	4.0	6
Theoretical Physics 1	3.0	9
Theoretical Physics 2	3.7	9
Theoretical Physics 3	3.7	9
Theoretical Physics 4	2.7	9

Modules Applied Subjects

Electronics	2.6	12
Computational Physics	passed	7
Oral presentation methods	passed	2

Non-physics Elective Course: Mathematics

Mathematics	3.6	10
Overview testing	2.7	4

Bachelor Thesis

Bachelor Grade	2.0	10
	2.9	180

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