



FREIE UNIVERSITÄT BERLIN  
DEPARTMENT OF MATHEMATICS AND COMPUTER SCIENCE

CERTIFICATE OF ACADEMIC RECORD

**Mr Fabian Junginger**

born in Berlin on 05.09.1990

has successfully completed the Bachelor's Degree Programme in

**Mathematics**

in accordance with the examination regulations of 03.07.2013 (FU-Mitteilungen 39/2013) with the final grade

**1,9 (good)**

and has earned the required amount of 180 credit points. The individual components of the programme were graded as follows:

Area(s) of Study	Credit Points	Grade
Main subject Mathematics, thereof	130(125)	1,9
12 credits for the Bachelor thesis		1,8
Minor subject Statistics	20(20)	2,6
General professional skills (GPS)	30 (0)	

The topic of the Bachelor thesis was: „Die kryptomorphen Definitionen von Matroiden“

Berlin, 25.10.2016

Dean  
(Prof. Dr. J. Schiller)



Chairperson of the Examination Board  
(Prof. Dr. A. Schmitt)

Grading scale: 1.0 – 1.5 very good; 1.6 – 2.5 good; 2.6 – 3.5 satisfactory; 3.6 – 4.0 sufficient; 4.1 – 5.0 fail  
Non-graded achievements: BE – pass; NB – fail

The credit points comply with the European Credit Transfer System (ECTS). Not all achievements count towards the overall grade; the credit points listed in brackets denote those credit points taken into consideration.