

**Mr Malte Stefan LONDSCHIEN**

born on 5 September 1994, from Germany  
has passed the following examinations  
at the Department of Mathematics  
according to the regulations of 22 June 2010  
**for the Bachelor's Degree in Mathematics**

	Grade/Result	Weight	Credits (ECTS)
<b>First Year Examinations (First Year Compulsory Courses)</b>			
Analysis I / Analysis II	5.75	(2)	
Linear Algebra I / Linear Algebra II	6.00	(2)	
Numerical Analysis I	5.50	(1)	
Physics I	5.75	(1)	
Physics II	6.00	(1)	
Computer Science	6.00	(1)	
Average First Year Examinations	5.84	0	59
<b>Compulsory Courses</b>			
Examination Block 1			
Complex Analysis	6.00	(1)	
Methods of Mathematical Physics I	5.25	(1)	
Physics III	5.50	(1)	
Algorithms and Complexity	5.25	(1)	
Average	5.50	23	23
Examination Block 2			
Measure and Integration	4.50	(1)	
Algebra I / Algebra II	6.00	(2)	
Topology	6.00	(1)	
Numerical Analysis II	6.00	(1)	
Probability and Statistics	5.75	(1)	
Average	5.71	37	37
<b>Core Courses</b>			
Lie Algebras / EPFL	5.50	5	5
Functional analysis I / EPFL	5.25	5	5
Commutative Algebra	5.25	10	10
Algebraic topology / EPFL	6.00	5	5
Quantum Mechanics I	5.25	10	10
<b>Electives</b>			
Introduction to Algebraic geometry / EPFL	5.00	5	5
<b>Minor Courses</b>			
Geometry	6.00	3	3

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Weights in brackets serve for the partial averages, weights without brackets for the overall grade point average.

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Bachelor's Degree in Mathematics

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<b>Seminars</b>			
Algebraic Number Theory	passed		4
<b>Science in Perspective</b>			
Spanish: Grammar and Pragmatic Communication (B2.1)	5.00	0	2
Technology and Policy of Electrical Energy Storage	5.50	0	4
<b>Bachelor's Thesis</b>			
Bachelor's Thesis	5.75	8	8
Scientific Works in Mathematics	passed		
<b>Overall Grade Point Average</b>	5.55		
<b>Total Credits</b>			180

Grading scale: 6 is the highest, 1 is the lowest grade; passmark is 4. Ungraded performance assessments are marked with either passed or failed. Credits are granted only if an examination block is graded as passed. An ECTS credit corresponds to a workload of 30 hours.

It is decreed:

1. The candidate is awarded the Bachelor's Degree in Mathematics.
2. The candidate is awarded the title Bachelor of Science ETH in Mathematics. Short titles: BSc ETH Mathematics or BSc ETH.

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Further achievements in the Bachelor's Programme in Mathematics

	Grade/Result	Credits (ECTS)
General chemistry (English) / EPFL	4.00	6
Introduction to the analytical number theory / EPFL	2.50	0

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Certified Translation  
ETH Zurich, 18 February 2019






Eidgenössische Technische Hochschule Zürich  
Swiss Federal Institute of Technology Zurich

Zürich, 15. Februar 2019 / Zurich, 15 February 2019

## Ranking Information

Name / Name:

Malte Stefan LONDSCHIEN

Geburtsdatum / Date of Birth:

5. September 1994 / 5 September 1994

Studiengang / Degree Programme:

Mathematik BSc

Mathematics BSc

Akademischer Titel / Academic Title:

Bachelor of Science ETH in Mathematik

Bachelor of Science ETH in Mathematics

Gesamtdurchschnitt / Overall Grade Point Average:

5.55

## Jahrgangswerte des Studienganges / Year Values of the Degree Programme

Gesamtdurchschnitt / Overall Grade Point Average

5.01

Anzahl Studierende / Number of Students

61

Standardabweichung / Standard Deviation

0.47

Studiendirektor / Director of Studies

Prof. Dr. Marc Burger

6 ist die beste, 4 eine genügende und 1 die geringste Note.

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Grading scale: 6 is the highest, 1 is the lowest, passmark is 4.

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