

Lukas Knudsen Høgh  
C.A. Thyregods Vej 91, st tv  
8230 Åbyhøj

Date 22.08.2017

It is hereby confirmed that Lukas Knudsen Høgh, Civil Registration Number:  
260289-1669, is enrolled as a student at Aarhus University.

Name of the education: Bachelor's Degree Programme

**The student graduated on 13.08.2013.**

The student has passed the following subjects.

The credits are shown in ECTS

	Marks	ECTS- scale	Credits
Bachelor's Degree Programme, Mathematics and Computer Science	passed		180
Central Subject, Mathematics	passed		155
Obligatoriske kurser	passed		100
Calculus 1	Pass		5
Mathematical Perspectives	Pass		5
Linear Algebra	12	A	10
Calculus 2	12	A	5
Introduction to Mathematical Analysis	Pass		5
Mathematical Analysis 1 (Infinitesimal Calculus)	12	A	5
Mathematical Analysis 2 (Sequences and Series of Functions)	12	A	5
Algebra	12	A	10
Differential Equations	7	C	5
Geometry	12	A	10
Complex Analysis	7	C	5
Introduction to Mathematical Modelling	10	B	5
Mathematical Modelling 1	12	A	5
Mathematical Modelling 2	10	B	5
The Philosophy of Mathematics	12	A	5
Measure Theory	12	A	5
	passed		5

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Real Analysis	10	B	5
Støttefag	passed		5
Introduction to Programming	Pass		5
Matematikkurser	passed		40
Functional Equations	12	A	10
Advanced Algebra	7	C	10
Advanced Analysis	10	B	10
Functional Equations II	10	B	10
Bachelorprojekt	passed		10
Bachelor's Project in Mathematics	12	A	10
Title: $\mu$ -functional Equations.			
Supplementary Subject, Computer Science	passed		25
Optional Group	passed		25
Programming 2	12	A	5
Algorithms and Data Structures 1	10	B	5
Regularity and Automata	12	A	5
Algorithms and Data Structures 2	12	A	5
Computability and Logic	12	A	5

Name of the education: Master's Degree Programme

**The student has not graduated.**

The student has passed the following subjects.

The credits are shown in ECTS

	Marks	ECTS- scale	Credits
Master's Degree Programme, Mathematics and Computer Science			105
Central Subject, Mathematics			85
Kurser			55
Valgfrie kurser			55
Matematik overbygningskurser	passed		55
Von Neumann Algebras and Tomita- Takesaki Theory	10	B	10
Differential Geometry	7	C	10
Knot Theory	10	B	10
Analysis on Manifold	10	B	10
Advanced Complex Function Theory	12	A	10
Mathematics Education	12	A	5
Speciale og kandidatårseksamen	passed		30
Thesis in Mathematics	7	C	30
Title: KMS Weights.			
Supplementary Subject, Computer Science			20

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Optional Group			20
Software Architecture	12	A	5
Computational Geometry	7	C	10
Introduction to Functional Programming	12	A	5