AALBORG UNIVERSITET
AALBORG UNIVERSITY
DENMARK

EKSAMENSBEVIS
DIPLOMA

GRAD TILDELT 2017
DEGREE AWARDED 2017

EMIL NIELSEN

CPR. NR. 160393-[redacted]
DATE OF BIRTH 16 MARCH 1993

CIVILINGENIØR I VAND OG MILJØ
CANDIDATUS POLYTECHNICES (CAND.POLYT.)
MASTER OF SCIENCE (MSC) IN ENGINEERING (WATER AND ENVIRONMENT)

DET INGENIØR- OG NATURVIDENSKABELIGE FAKULTET
FACULTY OF ENGINEERING AND SCIENCE

Mogens Rysholt PL

MOGENS RYSHOLT POULSEN
DEKAN
DEAN

Kristina V. Christensen

KRISTINA VELLING CHRISTENSEN
OVERASSISTENT
ADMINISTRATIVE OFFICER

VIIS NOVIS
UNIVERSITAS ALBURGENSIS

Navn:	**Emil Nielsen**
Uddannelse:	**Civilingeniør i vand og miljø (120 ECTS)**
Afsluttet:	**26. juni 2017**
Adgangsgrundlag:	**En dansk bacheloruddannelse inden for teknisk videnskab**

	7-trinsskala	ECTS-skala	ECTS-omfang
3. - 4. semester			
Kandidatspeciale Titel: Prædiktiv realtidsstyring af danske afløbssystemer	10	B	45
Avanceret hydrodynamisk modellering (CFD) og visualisering	Bestået		5
Måleteknik og dataopsamling	Bestået		5
Urban hydroinformatik	Bestået		5
2. semester			
Forurening af akvatiske systemer	12	A	15
Hydrodynamik og tidsserieanalyse for miljøhydrauliske forhold	10	B	5
Forurening af marine områder	10	B	5
Grundlæggende spildevandsrensning	10	B	5
1. semester			
Jord og grundvandsforurening	10	B	15
Hydrogeologi og grundvandsmodellering	Bestået		5
Jordfysik og geostatistik	Bestået		5
Eksperimentel hydrologi	10	B	5
Vægtet gennemsnit efter studieordningens regler	**10,3**		

Kandidaten har følgende kompetenceprofil:
En kandidat har kompetencer erhvervet gennem et uddannelsesforløb, der er foregået i et forskningsmiljø.

Kandidaten kan varetage højt kvalificerede funktioner på arbejdsmarkedet på baggrund af uddannelsen. Desuden har kandidaten forudsætninger for forskning (ph.d.-uddannelse). Kandidaten har i forhold til bacheloren udbygget sin faglige viden og selvstændighed, således at kandidaten selvstændigt kan anvende videnskabelig teori og metode i såvel akademisk som erhvervsmæssig/professionel sammenhæng.

Det Ingeniør- og Naturvidenskabelige Fakultet
Aalborg Universitet
27. juni 2017

Kristina V. Christensen

Kristina Velling Christensen
Overassistent

Name:	**Emil Nielsen**
Programme:	**Master of Science (MSc) in Engineering (Water and Environment) (120 ECTS)**
Graduation:	**26 June 2017**
Admission requirement:	**A Danish Bachelor Programme within Engineering**

	7 scale	ECTS scale	ECTS credits
3rd - 4th Semester			
Master's Thesis Title: Predictive real-time control of Danish sewer systems	10	B	45
Advanced Hydrodynamic Modelling (CFD) and Visualisation	Passed		5
Measurement Technology and Data Acquisition	Passed		5
Urban Hydroinformatics	Passed		5
2nd Semester			
Marine and Freshwater Pollution	12	A	15
Hydrodynamics and Time Series Analysis of Environmental Flows	10	B	5
Marine Pollution	10	B	5
Fundamental Wastewater Treatment	10	B	5
1st Semester			
Soil and Groundwater Pollution	10	B	15
Hydrogeology and Groundwater Modelling	Passed		5
Environmental Soil Science and Geostatistics	Passed		5
Experimental Hydrology	10	B	5
Gradepoint average has been calculated in accordance with the curriculum	**10.3**		

A Candidatus graduate has the following competency profile:
A Candidatus graduate has competencies that have been acquired via a course of study that has taken place in a research environment.

A Candidatus graduate is qualified for employment on the labour market on the basis of his or her academic discipline as well as for further research (PhD programmes). A Candidatus graduate has, compared to a Bachelor, developed his or her academic knowledge and independence so as to be able to apply scientific theory and method on an independent basis within both an academic and a professional context.

Faculty of Engineering and Science
Aalborg University
27 June 2017

Kristina V. Christensen

Kristina Velling Christensen
Administrative Officer