
DFC SCHOLARSHIPS FOR MASTER'S PROGRAMMES IN DENMARK

Compendium: Master's Programmes for the Water SSC Programme



ROYAL DANISH EMBASSY
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Danida Fellowship Centre

- sustaining development through research and learning

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MSc in Climate Change

University of Copenhagen,
Copenhagen

2 years
120 ECTS

Application deadline: January 15 2019
Programme start: September 2019

Programme Introduction:

The MSc in Climate Change is an interdisciplinary programme that combines a natural and social science approach to the study of climate change, its causes and effects, how we can deal with it and adapt to it.

As an MSc Climate Change student, you will acquire knowledge and competences, originating in a variety of scientific disciplines, from geophysics to geopolitics, and learn how to combine these. With an MSc in Climate Change, you will be equipped to take up job functions associated with local, national and international efforts to deal with climate change, one of the currently greatest challenges to modern society. The two-year MSc programme in Climate Change draws on staff from a range of internationally leading research groups and centres at University of Copenhagen.

During the programme, students will encounter a wide variety of teaching methods. Courses will include web-based learning, lectures, exercises, seminars, excursions and group/project work, and teachers will be researchers of high international standing within a range of disciplines. In addition, we are inviting leading foreign climate researchers as guest lecturers.

Programme Specific Requirements:

Kindly find all information about admission requirements for this specific Master's programme through the programme's website: <https://studies.ku.dk/masters/climate-change/admission-requirements/>.

When applying to the Sector Counsellor you need to provide an assessment of your eligibility for the programme based on the requirements stated by UCPH. Please fill in the *Assessment of eligibility form* (Annex B) and send along with your application.

University of Copenhagen (UCPH):

UCPH is situated in the capital and largest city in Denmark, Copenhagen. It is a comprehensive university with six faculties and around 100 departments and research centres. It has a strong international environment with 14 percent being international students.

UCPH is often ranked as one of the best universities in Europe and offers education and research at the highest international level with 5,000 academic staff and eight Nobel Prize laureates.

More Information:

To find out more about this programme:
<https://studies.ku.dk/masters/climate-change/>.

To find out more about UCPH:
<https://www.ku.dk/english/>.

Deadline for submission of scholarship application to the Sector Counsellor is

August 16th 2018

Kindly send to Jørgen Larsen (joelar@um.dk) and Suvritha Ramphal (suvram@um.dk).



MSc in Environmental and Resource Management

University of Southern
Denmark, Esbjerg

2 years
120 ECTS

Application deadline: February 1 2019
Programme start: September 2019

Programme Introduction:

MSc in Environmental and Resource Management combines natural science, engineering and social science, which enable the students to create sustainable solutions by addressing the environmental problems of tomorrow. Are you interested in obtaining analytical and empirical skills for solving the environmental problems of tomorrow? Are you interested in finding balances among environmental, economic and social interest?

To answer these questions, you need a thorough understanding of the many approaches toward the environmental problems.

MSc in Environmental and Resource Management combine natural science, engineering and social science, which enable the students to create sustainable solutions by addressing the environmental problems of tomorrow.

Graduates will be able to design and conduct analysis of existing or future environmental strategies and policies within an organisation or at a societal level.

Programme Specific Requirements:

Kindly find all information about admission requirements for this specific Master's programme through the programme's website:
https://www.sdu.dk/en/uddannelse/kandidat/miljoe_og_ressource_management/adgangskrav.

When applying to the Sector Counsellor you need to provide an assessment of your eligibility for the programme based on the requirements stated by SDU. Please fill in the *Assessment of eligibility form* (Annex B) and send along with your application.

University of Southern Denmark (SDU):

As a relatively young university, SDU welcomed the first students in Odense in September 1966. Since then the university has grown, and are now among the top fifty young universities in the world.

Campus Esbjerg is close to the city centre with numerous cafés, exciting cultural, leisure and sports offerings. Esbjerg is the fifth-largest city in Denmark located on the west coast of Jutland.

More Information:

To find out more about this programme:
https://www.sdu.dk/en/uddannelse/kandidat/miljoe_og_ressource_management.

To find out more about SDU:
<https://www.sdu.dk/en/>.

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MSc in Environmental Engineering

Technical University of
Denmark, Lyngby

2 years
120 ECTS

Application deadline: January 15 2019
Programme start: September 2019

Programme Introduction:

Environmental Engineering is a broad, interdisciplinary programme focusing on the technical and environmental sciences. The study programme aims to provide students with the competencies to develop sustainable solutions to complex environmental issues, while also taking into account legal, societal, financial, and resource aspects.

As a graduate MSc in Environmental Engineering you will be able to design, conduct, and interpret laboratory and field experiments and can quantify the hazards, risks, and uncertainties of environmental problems.

During the period of study, you will gain in-depth knowledge and understanding of the physical, chemical, and biological processes causing local and global environmental challenges. You will be involved in experimental projects and learn about the processes through mathematical models and statistical analysis of data and measurements. You will be provided with problem-solving techniques designed to avoid or minimize environmental impact. You will also have the opportunity to study the latest technologies used in western society and gain insight into the challenges facing the developing countries. In addition, you will

Programme Specific Requirements:

Kindly find all information about admission requirements for this specific Master's programme through the programme's website: http://www.dtu.dk/english/education/msc/programmes/environmental_engineering#prerequisites.

When applying to the Sector Counsellor you need to provide an assessment of your eligibility for the programme based on the requirements stated by DTU. Please fill in the *Assessment of eligibility form* (Annex B) and send along with your application.

Technical University of Denmark (DTU):

DTU is an international elite technical university where education, meets scientific advice, innovation and world-class research. DTU is at the forefront of the technical and natural sciences, and has initiatives in demanding engineering disciplines including sustainable energy technology and life science. DTU's main campus is situated in Lyngby, a lively suburb of Copenhagen with a rich cultural life, excellent shopping and beautiful countryside nearby.

More Information:

To find out more about this programme:
http://www.dtu.dk/english/education/msc/programmes/environmental_engineering.

To find out more about DTU:
<http://www.dtu.dk/english/>.

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MSc in Environmental Risk

Roskilde University Centre,
Roskilde

2 years
120 ECTS

Application deadline: January 15 2019
Programme start: September 2019

Programme Introduction:

Learn to understand and assess complex environmental issues using tools and techniques from several scientific disciplines.

Environmental Risk is an interdisciplinary approach to analysing and solving environmental problems. Although emphasis is on theory and methods of Natural Sciences, the programme includes elements from Social Sciences with focus on practices of risk assessment of real environmental problems. You learn to understand and assess complex environmental issues using relevant tools and techniques from several scientific disciplines.

The programme covers subjects such as evaluation of environmental risks in connection with natural disasters; volcanic eruptions, earthquakes, landslides and flooding as well as evaluating technologies and chemical agents that have the potential to harm ecosystems, animals and human health. You acquire the skills necessary to professionally implement environmental legislation and regulatory programmes and to provide in depth advice to future environmental regulation.

Programme Specific Requirements:

Kindly find all information about admission requirements for this specific Master's programme through the programme's website: <https://ruc.dk/en/admission-masters-programmes>.

When applying to the Sector Counsellor you need to provide an assessment of your eligibility for the programme based on the requirements stated by RUC. Please fill in the *Assessment of eligibility form* (Annex B) and send along with your application.

Roskilde University Centre (RUC):

RUC was originally established in order to challenge academic traditions and to experiment with new ways to create and acquire knowledge. RUC employ an interdisciplinary approach because no major problems are ever resolved on the basis of any single academic discipline alone.

Roskilde is a city near Copenhagen. It is known as the Viking City of Denmark, and is surrounded by living history, nature and unique experiences.

More Information:

To find out more about this programme:
<https://ruc.dk/en/environmental-risk-singlesubject-master>.

To find out more about RUC: <https://ruc.dk/en/>.

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MSc in Environmental Science

Aalborg University,
Aalborg

2 years
120 ECTS

Application deadline: March 1 2019
Programme start: September 2019

Programme Introduction:

Are you interested in protecting and managing nature and environment? Would you like to discover new ways to use our natural resources in a more sustainable way? And do you think it is interesting to work with different issues in an interdisciplinary manner? The Master's programme in Environmental Science at Aalborg University offers you the opportunity to participate in the development of new processes and technologies, which can ensure sustainable energy production and resource management.

The programme is cross disciplinary, and you use your knowledge within chemistry, physics, biology, and microbiology to investigate and solve environmental challenges in cities, industries, agriculture and nature. You will learn both to prevent and to solve a wide range of environmental problems. In your semester projects, you and your project group will explore complex and often interdisciplinary issues within the field of environmental science and you are challenged to use all of your knowledge to come up with possible solutions.

Programme Specific Requirements:

Kindly find all information about admission requirements for this specific Master's programme through the programme's website:
<https://www.en.aau.dk/education/master/environmental-science/application-and-requirements>.

When applying to the Sector Counsellor you need to provide an assessment of your eligibility for the programme based on the requirements stated by AAU. Please fill in the *Assessment of eligibility form* (Annex B) and send along with your application.

Aalborg University (AAU):

Degree programmes offered at AAU are problem and project-based with an interdisciplinary focus and a real-world approach. AAU promotes strong interplay between staff and students and intense collaboration with public and private sector.

Aalborg is Denmark's fourth largest city situated in the Jutland region of Denmark. According to Aalborg itself, it is "just like a big city – only more pleasant!"

More Information:

To find out more about this programme:
<https://www.en.aau.dk/education/master/environmental-science>.

To find out more about AAU:
<https://www.en.aau.dk/>.

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MSc in Geography and Geoinformatics

University of Copenhagen,
Copenhagen

2 years
120 ECTS

Application deadline: January 15 2019
Programme start: September 2019

Programme Introduction:

An MSc in Geography and Geoinformatics gives you the opportunity to focus your efforts within a specialised field of geography. You are offered three different specialisations that provide you with research-based competencies geared towards special vocational functions. You can work in depth with topics such as urban and regional development, globalisation, sustainability, resource management, global environmental and natural processes and applied geoinformatics. Also, you will learn how to analyse local, national and global issues on an interdisciplinary basis. The programme thus gives you plenty of opportunity to compose your own academic profile.

The study programme in Geography and Geoinformatics offers you three different specialisations:

- Geoinformatics
- Physical Geography
- Human Geography

Programme Specific Requirements:

Kindly find all information about admission requirements for this specific Master's programme through the programme's website: <https://studies.ku.dk/masters/geography-and-geoinformatics/admission-requirements/>.

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More Information:

To find out more about this programme:
<https://studies.ku.dk/masters/geography-and-geoinformatics/>.

To find out more about UCPH:
<https://www.ku.dk/english/>.

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MSc in Urban, Energy and Environmental Planning

Aalborg University,
Aalborg

2 years
120 ECTS

Application deadline: March 1 2019
Programme start: September 2019

Programme Introduction:

Urban, Energy and Environmental Planning in Aalborg is the education for you if your ambitions are e.g. to address the future transportation challenges, make Denmark the first country supplied by 100 % renewable energy, make Danish and international companies environmentally responsible, work with the challenges for future urban planning such as ghettos or climate changes.

The MSc programme in Urban, Energy and Environmental Planning is offered at Aalborg University in Aalborg. It is an internationally oriented programme and therefore all teaching will be in English.

You can choose between the following specialisations:

- Cities and Sustainability
- Environmental Management and Sustainability Science
- Sustainable Energy Planning and Management
- Urban Planning and Management

Programme Specific Requirements:

Kindly find all information about admission requirements for this specific Master's programme through the programme's website:

<https://www.en.aau.dk/education/master/urban-energy-and-environmental-planning>.

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More Information:

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<https://www.en.aau.dk/education/master/urban-energy-and-environmental-planning>.

To find out more about AAU:

<https://www.en.aau.dk/>.

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MSc in Water and Environmental Engineering

Aalborg University
Aalborg

2 years
120 ECTS

Application deadline: March 1 2019
Programme start: September 2019

Programme Introduction:

Water is one of the most important resources on Earth. To have access to water and to avoid pollution of our water environment are the central work tasks for an engineer within the field of Water and Environmental Engineering. During the Master's programme in Water and Environmental Engineering, you learn to construct systems for water supply and drainage systems. You learn to plan how our groundwater can be utilised and protected, and you gain insight into the protection of our streams, fjords, and seas.

As the population of the world increases, and people gather in large cities, the need for a proper water supply and water drainage grows each day. History has shown that a well-functioning water supply and drainage is an important factor with respect to the health of the population. Because this need is so fundamental, the water sector is almost independent of the actual economic and political situation - and this makes an education as an engineer in Water and Environmental Engineering an excellent long-term investment with great employment possibilities all around the world.

Programme Specific Requirements:

Kindly find all information about admission requirements for this specific Master's programme through the programme's website:

<https://www.en.aau.dk/education/master/water-environmental-engineering/application-and-requirements>.

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