

Nordic Master's Programme in Chemistry with a specialization in Arctic Environmental Forensics

ORU, Sweden / NMBU, Norway / SDU, Denmark

- Joint master program between three Nordic universities
- Develop multidisciplinary chemistry skills
- Gain practical field work & lab experience
- Acquire sought-after forensics knowledge in an arctic environment
- Up to four study locations with accommodation support
- Tuition free for EU/EEA citizens



TWO YEAR MASTER'S PROGRAMME

Are you interested in knowing how chemicals reach the Arctic? Are you heading for a position where you can contribute to a sustainable environment? This education gives you tools to discover chemicals and investigate their effects in the environment.

PROGRAMME DETAILS

Environmental forensics is a multidisciplinary science combining various disciplines for an increased knowledge on chemicals released into the environment and their effects on human and the environment. The Nordic Master's Programme offers an education in close connection to research related to chemical safety, health and the environment with a focus on the Arctic environment.

This is a joint master programme with collaboration between Örebro University (ORU), Norwegian University of Life Science (NMBU) and University of Southern Denmark (SDU). The programme covers a wide range of sciences focusing on environmental chemistry, field sampling, human and environmental health, and (bio)analytical and environmental analysis.

The education ensures students gaining practical experience in the field and in the laboratories as well as computer modelling work and real-life cases adopted from industry and research projects. Problem-based learning (PBL) is used to encourage active learning and to develop key competencies, as good problem solving and communication skills, for shaping a better future.

Students are offered a broad, in-depth theoretical background to environmental forensics, including documentation of polluted areas, identification of pollution sources, transport modelling and analysis of pollutants. Aspects of human and

environmental health, toxicology and bio-analytical methods for assessing effects of chemicals and mixtures, statistics, chemical safety and risk assessment are also covered.

Year one begins at ORU in Örebro, Sweden and continues at NMBU in Norway, located either at Ås, Oslo or the University Centre in Svalbard (UNIS). Year two, you choose between studies at ORU, NMBU and/or SDU. The program leads to a double degree from ORU and NMBU.



How to apply

Visit [oru.se/masterstudy/apply](https://www.oru.se/masterstudy/apply) for more details about how to apply. Alternatively, contact internationalmasters@oru.se for personal support for the application process.

The Academic Year

Autumn semester: September to January
Spring semester: January to June



For more information

<https://www.oru.se/english/study/master-students/masters-programmes/nordic-masters-programme-in-chemistry-with-a-specialisation-in-arctic-environmental-forensics/>