

MSc IN GEOPHYSICS*

FROM LAB TO FIELD – A CRITICAL, COLLABORATIVE AND HANDS-ON EXPLORATION OF THE EARTH

The MSc in Geophysics at Aarhus University provides a compelling learning experience. Students get to choose their own specific area of focus while exploring a variety of fields including quaternary structures and materials, groundwater aquifers, the structure and dynamics of the lithosphere, the development of sedimentary basins, and the numerical modelling of geodata.

HIGH-CALIBRE RESEARCH

Teaching on the programme is integrated with research at the highest international level. The Department of Geoscience is renowned for its research in hydrogeophysics (airborne and surface electromagnetic methods) for use in hydrogeology and mineral exploration. A further speciality is reflection seismic acquisition (on board the research vessel Aurora), processing and interpretation, as used in subsurface mapping of hydrocarbon and geothermal reservoirs, seismology, potential fields, and numerical modelling of surface and mantle processes.

The thesis, which is heavily weighted, is a chance for students to tailor their degree to their own personal and career interests while benefiting from close collaboration with fellow students and faculty members.

STUDENT LIFE

The Department of Geoscience is a small community of about 200 students brought together by shared research, team field trips and common interests.

Classes are held in modern facilities with well-established labs. You will have access to cosy study areas, quiet reading rooms, wifi, computers and, of course, a classic Danish pop-up Friday bar. As a Geoscience Master's student, you will also have access to a communal office where you can sit and study, or just hang out with other students.

CAREERS

Geophysics graduates have found jobs across a wide range of fields, including groundwater management, geophysical exploration for water and minerals in engineering companies and in the energy sector (including oil and gas), and for geothermal energy and CO₂ deposits. They also frequently move into higher education and government research.



▲ The major research centres and forward-thinking mindset at Aarhus University made this Master's a perfect choice to boost my career in geoscience. Aarhus is a vibrant city, and the Danes are addressing the problems of the future in a feasible, friendly and hard-working way with their goal of becoming CO₂ neutral by 2030.

MARCOS JOSÉ LUIS FERNÁNDEZ

Student, MSc in Geophysics, from Venezuela

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PLACE OF STUDY

Aarhus

ANNUAL TUITION FEE

EU/EEA/Swiss citizens: FREE
Others: EUR 13,500

WWW

masters.au.dk/geophysics