

MASTER OF SCIENCE IN MARINE ECOLOGY

Are you interested in marine ecosystems in the Arctic? Are you fascinated by how genes interact with the environment? Or are you attracted by how new technology may be used within marine sciences? The unique combination between Marine Ecology, Molecular Biology and Oceanography makes this programme truly innovative.

The objective of the two-year MSc is to provide students with scientific and practical skills in frontier research and understanding relevant for biophysical interactions in the ocean, environmental protection and management. The programme aims at investigating the basic functioning of marine ecosystems and their sensitivity to climate and anthropogenic effects, by using novel platforms in ocean science, molecular ecology and genomics.

PROGRAMME STRUCTURE

The MSc comprises e.g. lectures, group work, tutorials, laboratory practise, and self-tuition. The master's courses (3xx-level) are taught in 4-5 blocks per semester, i.e. two-day seminars with approx. 15 hours per block.

The programme includes three compulsory courses: Scientific Methods, Biophysical Interactions and Evolutionary Genetics. In addition you will choose 30 credits elective courses. The Master's thesis comprises a supervised independent scientific work of 60 credits.

ADMISSION REQUIREMENTS

Applicants must have completed a Bachelor's degree (or equivalent) in biological sciences, and have minima of 60 ECTS credits biological courses, 5 credits mathematics, 5 credits statistics as well as 10 ECTS credits physics or chemistry. The average mark must be C or better either for the entire degree or on the core of the 60 ECTS specialisation.

TUITION FEES

Bodø University Colleges does not charge any tuition fees, only a symbolic €142 registration fee.



FURTHER EDUCATION AND OCCUPATIONAL PROSPECTS

The MSc shall qualify for admission to PhD programmes in relevant fields. The programme also qualifies for a range of different positions within research, teaching, management and private industry.

APPLICATION DEADLINES

- **1 February 2010:** Non-European citizens
- **1 April 2010:** European citizens
- **15 April 2010:** Norwegian applicants

ADMISSION AND ACADEMIC YEAR

We offer admission once a year, and the academic year 2010/11 starts **17 August 2010**.

CONTACT PERSON

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Faculty of Biosciences and Aquaculture

FACULTY OF BIOSCIENCES AND AQUACULTURE

The Faculty of Biosciences and Aquaculture (FBA) is one of four faculties at Bodø University College. FBA's main priority is education and research within marine biosciences.

Being located on the coast of Nordland County, the College offers the ideal environment for studies and research within aquaculture and marine science. The Faculty has excellent training and research facilities which include new genomics facilities on campus and a state-of-the-art research station located a 15-minute walk from the main campus, by the fjord.

STAFF AND STUDENTS

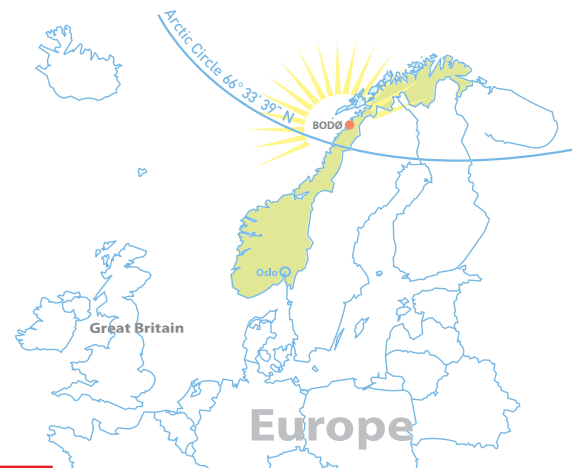
FBA's 80 members of staff comprise 52 scientific staff members organised into six research groups. Presently a total number of 250 undergraduate and graduate students are studying at FBA on regular and lifelong learning study programmes. The Faculty is known for the close interaction between staff and students, and the student organisation NUGLA provides a popular meeting place for students.

Research Groups

- Aquatic Animal Health and Welfare
- Applied Biology and Extension
- Marine Ecology
- Marine Molecular Biology and Genomics
- Reproductive Biology
- Seafood Quality

FACILITIES

The Faculty of Biosciences and Aquaculture offers modern wet and dry laboratories located at the main campus and at the research station. The latter has been through a comprehensive development, and is now a modern facility supporting the marine training and research at the Faculty. Physically, the research station represents a platform for rearing and conducting experiments on living marine organisms, and a platform for marine field activities. Seagoing activity is covered by a small vessel, and a research vessel (100 ft) is currently being designed.



Bodø is the capital of Nordland County and the second largest city in Northern Norway with approx. 47,000 inhabitants. Bodø's location north of the Arctic Circle brings such wonders as the midnight sun in June/July and the northern lights in the winter. The amazing surroundings of this coastal city offer plenty of opportunities for outdoor activities like hiking, diving and skiing. The climate is surprisingly mild, thanks to the Gulf Stream. Travelling to, from and around Bodø is easy with the international airport, train station and various buses and ferries. Oslo, the capital of Norway, is merely 1 hour and 20 minutes by plane from Bodø.

For more information, see www.visitnordland.no.

