



Study plan

Bachelor of Science in Biology

Programme description

This study programme provides basic knowledge in biological topics including ecology, evolution, biodiversity, botany, genetics as well as basic chemistry, mathematics and statistics. In some courses the students participate in lab and field activities. It is possible to continue with a MSc in Aquaculture or Marine Ecology after finishing this Bachelor's programme in biology.

- One-Year Programme in Biology and chemistry is equivalent to the first year of Bachelor in Biology, and you can continue directly to the bachelor's program without loss of time.
- To qualify for the special requirements needed (Mathematics and Physics/Chemistry/Biology), the study programme Foundation Year can be included as the first year of Bachelor of Science in biology. This means that you after Foundation Year can proceed directly to the second year of BS in biology without loss of time. There will be some limitations in elective courses.

Specialization

You can choose to specialize in the direction of Marine Ecology, Biotechnology or Arctic Biology. The latter is arranged at Svalbard by the University Centre in Svalbard (UNIS).

Whale safari and other field excursions

The county of Nordland offers amazing opportunities for the study of biology. Species including killer whales, sperm whales, sea-eagles, Atlantic puffins and seals make up just a part of the huge range of wildlife present in the region. Field observations of such species are a compulsory part of the study including a whale safari around Andøya.

ECTS Credits

180

Study level

Bachelor's degree programme

Teaching language

English

Faculty

Bachelor/årsstudier

Course location

Bodø

Study model

[Expand all](#)

1st study year

Autumn 2015

Course id	Course name	ECTS Credits
KJ104F	Basic and environmental chemistry.	10 SP
BI125F	Biodiversity	10 SP
KJ105F	Laboratory safety	0 SP
Mandatory courses (click to choose)		

Spring 2016

Course id	Course name	ECTS Credits
MA116F	Mathematics/Statistics for Biologists	10 SP
BI122F	Genetics and Evolution	10 SP
BI132F	Biochemistry and Cell Biology	10 SP

2nd study year

Autumn 2016

Course id	Course name	ECTS Credits
BI123F	Ecology	10 SP
BI224F	Scientific Methods	10 SP
BI229F	Genomics and bioinformatics	10 SP

Spring 2017

Course id	Course name	ECTS Credits
BI105F	Zoophysiology	10 SP
BI206F	Marine Biology	10 SP
KJ200F	Organic Chemistry	10 SP

3rd study year

Autumn 2017

Course id	Course name	ECTS Credits
Minor area of study (click to choose)		
Elective courses (click to choose)		

Spring 2018

Course id	Course name	ECTS Credits
Minor area of study (click to choose)		
Elective courses (click to choose)		

Learning outcomes

On successful completion of the programme:

Knowledge

The candidate should:

- Have broad knowledge of key theory, problems, tools and methods in the field of biology
- Have knowledge of basic research in the field of biology
- Be able to update his/her biology knowledge
- Understand the ethical challenges involved in the field

Skills

The candidate should:

- Be able to apply biological knowledge in analysis of biological problems
- Be able to locate, assess and refer to scientific information from a broad range of sources and make reasoned choices.
- Be able to reflect on his/her academic performance and adjust this under supervision

General competence

The candidate should:

- Show understanding of key areas of research in biology
- Be able to convey biological knowledge as theories, research questions, and research results - both orally and in writing.
- Be able to exchange views and knowledge with other biologists in a way that contributes to further development of biological knowledge.

Admission requirements

[Higher Education Entrance Qualification](#)

[Proficiency in English language](#)

Special requirements: Mathematics R1 or Mathematics S1 and S2, plus one of the following subjects: Mathematics, Physics (1 and 2), Chemistry (1 and 2), Biology (1 and 2), Information technology (1 and 2), Geosubjects (1 and 2) Technology and research subjects (1 and 2).

[Frequently asked questions about admission](#)

APPLICATION DEADLINES

February 1 Local admission for non-European Union/EEA citizens

March 1 Applications based on prior learning or exceptional circumstances

April 1 Local admission for European Union/EEA citizens

April 15 Central admission for applicants with Norwegian education (refer to information about admission to Norwegian-taught programmes)

April 15 Local admission for applicants with Norwegian education (refer to information about admission to Norwegian-taught programmes)

NB: We do not review qualifications or applications prior to the applicable deadlines. Applications submitted after the applicable deadlines will not be considered.

Job opportunities

The present focus on environment, ecology, and sustainable development is growing continually. This programme provides career opportunities in both the private and public sector. Combining this study with pedagogy, graduates can also work as secondary school teachers.

Further education

Master in Aquaculture.

Master in Marine Ecology.

MBA Master of Business Administration.

Study abroad

Ever thought of spending part of your degree in another part of the world? Our cooperations with universities in Europe and other parts of the world can offer you exciting opportunities to study one or two semesters abroad. You can also spend 15 weeks on a work placement abroad as part of your undergraduate studies.

A study abroad complements your degree studies best in the third academic year. You can spend one and up to two semesters abroad, the world is yours to explore.

Below you will find an overview of our partner universities where you, as a biology student, can travel to:

ASIA

India:

Department of Aquaculture, Karnataka Veterinary, Animal and Fisheries Sciences University, College of Fisheries, Mangalore

Japan:

Tokyo University of Marine Science and Technology

China:

Beijing Normal University

Zhejiang Ocean University, Zhoushan

South Korea:

Pukyong National University

Russia:

Murmansk State Technical University (MSTU)

Petrozavodsk State University

Northern (Arctic) Federal University, Arkangelsk (NARFU)

Saint-Petersburg State University

AUSTRALIA

Charles Darwin University

James Cook University

CANADA

Memorial University of Newfoundland

St. Francis Xavier University

University of Northern British Columbia

Vancouver Island University

EUROPE

France:

Université Francois-Rabelais, Tours

Université de Bourgogne, IUT Dijon

Université Paris Descartes

Germany:

Hochschule Bremen, University of Applied Sciences

Leuphana University

University of Bremen

Greece:

University of Crete

Hungary:

Szent Istvan University

Netherlands:

University of Groningen

University of Wageningen

Poland:
University of Agriculture in Krakow
University of Warmia and Mazury in Olsztyn

Spain:
University of Alicante

UK:
University of Newcastle
University of Stirling

USA
Augsburg College
Augustana University
Humboldt State University
University of Minnesota Morris

International Student Exchange Program (ISEP):

Nord University is a member of ISEP and you can study abroad at one of our member universities in the USA. You can choose from around 140 different universities in the USA. For more information please follow this link, www.isep.org, or contact the International Office at Nord University.

Costs

No tuition fees. Semester registration fee and course literature. This programme also has costs of approximately NOK 4 000 - 6 000 related to field excursions.

Specific arrangements for recognition of prior learning

If the applicant does not fulfill the requirements for the Higher Education Entrance Qualification but has experience-based competence relevant to the field of study, he or she may apply for recognition of this competence in order to fulfill the admission requirements.

[General arrangements for recognition of prior learning](#)

Examination regulations, assessment and grading

The Norwegian system for grading and assessment using the letter grades A - F, in which A denotes the best/highest grade and F denotes "not passed". Grades can also be awarded as "passed", "not passed", "approved" and "not approved".

Read [Examinations rules and regulations](#)

Assessment methods

Assessment consists of school exams, portfolio assessment, practical and oral examination.

Graduation requirements

In order to graduate, students must have completed all compulsory course units (120 ECTS) and a specialization worth 30 ECTS, in addition to elective courses worth 30 ECTS.

Programme evaluation

Students take an active part in the evaluation of the courses in the programme through mid-term and final evaluation. Dialogue meetings are also conducted between students and the programme director every semester.

Qualifications requirements and regulations

Refer to

[Regulations concerning studies and examinations at University of Nordland](#)

and other local regulations [University Rules and Regulations](#)