

A TASTE OF NTNU



TRONDHEIM | GJØVIK | ÅLESUND

BACHELOR'S AND MASTER'S PROGRAMMES,
EXCHANGE STUDIES, DOCTORAL DEGREES

 **NTNU**
Norwegian University of
Science and Technology



NTNU - Norway's largest university

NTNU is Norway's most innovative, exciting and largest university.

Our main profile is in science and technology, with great academic breadth that includes the humanities, social sciences, economics, medicine, health sciences, educational science, architecture, entrepreneurship, art disciplines and artistic activities.

With 44 000 students studying a wide range of disciplines, NTNU buzzes with the intellectual energy of people pursuing their dreams. Whether your passion is ship design or medical research, virtual reality or urban renewal in China, NTNU has something for you.

NTNU is an international university, with over 3 500 international students and worldwide cooperation with hundreds of universities in both research and education.

NTNU's research is cutting edge, and many of the technological and cultural innovations that allow Norway to extract oil from the North Sea, grow healthy salmon in fish farms, or interpret the country's 9 000 years of human history, have been developed here. In fact, the university itself, founded in 1910, has contributed a solid century of academic achievements and discoveries that have shaped Norwegian society.

Perhaps you have heard of the online educational quiz tool *Kahoot*, which began as a Master's project at NTNU. Or the NTNU Professors May-Britt Moser and Edvard Moser, who were awarded the 2014 Nobel Prize in Physiology/Medicine.

At NTNU, we believe in our motto: "Knowledge for a better world"

NTNU operates in three cities. Today, the campuses in Trondheim have about 37 500 students and 7 300 employees. Gjøvik has over 4 000 students and 400 employees, while Ålesund has over 2 600 students and 300 employees.



MAKE YOUR MARK

STUDY

DREAM

THINK

Master's degrees taught in English

NTNU offers nearly 70 master's programmes taught entirely in English. There are three types of English master's degrees offered at NTNU:

- International Master's Degrees
- Erasmus Mundus Master's Degrees
- Joint Nordic Master's Degrees

International Master's Degrees (2-years)

International Master's Degrees are programmes taught in English. In the vast majority of cases, you stay at NTNU for the duration of the programme.

Application deadlines

- 1 December: Non-EU/non-EEA applicants
- 1 March: EU/EEA applicants
- 15 April: Nordic and Norwegian applicants

Note that there might be changes to this information; please consult our website for up-to-date information ntnu.edu/studies/imp/admissions

* The programmes marked with a star may have different deadlines and application procedures. For these, it is important to read the programme-specific information on the programme website.

INTERNATIONAL MASTER'S PROGRAMMES IN TRONDHEIM

- Biology
- Biotechnology
- Chemistry
- Childhood Studies
- Creative Music Technology
- Electric Power Engineering
- Electronic Systems Design
- English Linguistics and Language Acquisition
- Environmental Toxicology and Chemistry
- European Studies
- European Wind Energy
- Digital Infrastructure and Cyber Security
- Fine Art*
- Geotechnics and Geohazards
- Globalisation and Sustainable Development
- Global Health
- Global Manufacturing Management
- Hydropower Development
- Industrial Design
- Industrial Ecology

- Informatics
- Marine Technology
- Materials Science and Engineering
- Mathematical Sciences
- Molecular Medicine
- Music Performance Studies*
- Natural Gas Technology
- Natural Resources Management
- Naval Architecture
- Neuroscience
- Ocean Resources
- Petroleum Engineering
- Petroleum Geosciences
- Physics
- Physical Activity and Health
- Product and System Design
- Project Management
- Reliability, Availability, Maintainability and Safety (RAMS)
- Simulation and visualisation
- Sustainable Architecture
- Sustainable Chemical and Biochemical Engineering
- Sustainable Energy
- Urban Ecological Planning

INTERNATIONAL MASTER'S PROGRAMMES IN GJØVIK

- Applied Computer Science (MSc)
- Information Security (MSc)
- Interaction Design (MSc)
- Sustainable Manufacturing (MSc)

INTERNATIONAL MASTER'S PROGRAMMES IN ÅLESUND

- International Business and Marketing (MSc), with two tracks:
 - International Business
 - Innovation and Entrepreneurship
- Product and System Design (MSc)
- Naval Architecture
- Simulation and visualisation (MSc)

Erasmus Mundus Master's Degrees (2-years)



Erasmus Mundus is a scholarship and cooperation programme where you take part of your studies at NTNU and part of your studies at partner institutions, receiving a joint or double degree on completion of the programme. The Erasmus Mundus programmes at NTNU are taught in English.

Generous scholarships are available to both European and non-European students. The scholarships are awarded to eligible candidates on a competitive basis.

Application deadline

The application procedures and deadlines may vary depending on the programme ntnu.edu/studies/imp/admissions

ERASMUS MUNDUS PROGRAMMES AT NTNU

- Choreomundus – Dance Knowledge, Practice and Heritage (Trondheim)
- Circular Economy - CIRCLE (Trondheim)
- Coastal and Marine Energy Engineering - CoMEM+ (Trondheim)
- Computational Colour and Spectral Imaging - COSI (Gjøvik)
- Embedded Computing Systems (Trondheim)
- Environmental Contamination and Toxicology - ECT+ (Trondheim)
- Health Management in Aquaculture - AQUAH (Trondheim)
- Hydrogen systems and enabling technologies - HYSET (Trondheim)
- Manufacturing 4.0 by Intelligent and Sustainable Technologies (META4.0) (Gjøvik)
- Marine and Maritime Intelligent Robotics - MIR (Trondheim)
- Renewable Energy in the Marine Environment - REM+ (Trondheim)
- Security and Cloud Computing - SECCL0 (Trondheim)



Photo: IStock

Joint Nordic Master's Degrees (2-years)

Joint Nordic Master's Programmes are two-year programmes that give you the opportunity to study at two different partner universities in the Nordic countries. The language of instruction is English.

Students will be able to choose between a number of universities for each MSc programme, which provides a unique possibility to tailor a degree to academic interest and area of specialization. Graduates will receive a joint or double degree at the completion of the programme.

Application deadline

The application procedures and deadlines may vary depending on the programme ntnu.edu/studies/joint_nordic

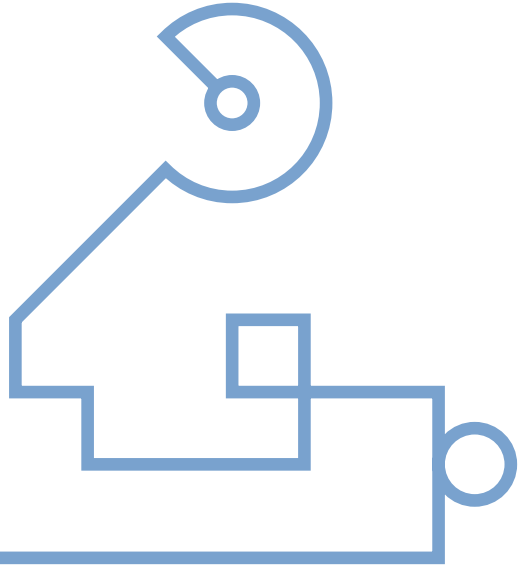
JOINT NORDIC PROGRAMMES IN TRONDHEIM

- Cold Climate Engineering (N5T)
- Environmental Engineering (N5T)
- Maritime Engineering (N5T)

NORDIC FIVE TECH



Photo: coldclimate-master.org



Doctoral Degrees (3-4 years)

There are extensive programmes for doctoral research and organised research training in most disciplines at NTNU. The PhD programme is primarily comprised of active research work under supervision. Each doctoral candidate's study is typically financed by a research fellowship. Available PhD positions are continuously posted online.

For more information see ntnu.edu/studies/phd

PHD PROGRAMMES OFFERED IN TRONDHEIM

- Aesthetics
- Architecture
- Artistic Research
- Biology
- Biophysics
- Biotechnology
- Chemical Engineering

- Chemistry
- Design
- Economics and Management
- Educational Sciences
- Electric Power Engineering
- Electronics and Telecommunication
- Engineering
- Engineering Cybernetics
- Health Sciences
- History and Culture
- Information Security and Communication Technology
- Interdisciplinary Cultural Studies
- Language and Linguistics
- Materials Science and Engineering
- Mathematical Sciences
- Medical Technology
- Medicine
- Medicine and Health Sciences
- Palliative Care
- Physics
- Social Sciences

PHD PROGRAMMES OFFERED IN GJØVIK

- Computer Science
- Electronics and Telecommunication
- Information Security and Communication Technology
- Medicine and Health Sciences

PHD PROGRAMMES OFFERED IN ÅLESUND

- Medicine and Health Sciences
- Nautical Operations



Exchange studies

Exchange students who come to NTNU typically stay for periods of 3 to 12 months, before returning to their home university at the end of the exchange period. It is possible, and many choose to, extend their original planned stay while they are at NTNU (e.g. from 6 to 12 months)

NTNU charges no tuition fees for exchange students from partner institutions. We do not accept free movers.

Application deadlines

Deadlines for the spring semester (January - June)

- **1 October:** All exchange and placement students

Deadlines for the autumn semester (August - December)

- **1 April:** Non-EU/EEA/EFTA exchange applicants + all placement students
- **15 April:** EU/EEA/EFTA exchange applicants

There may be changes to the deadlines. Please consult ntnu.edu/studies/exchange for up-to-date information.

Exchange student in Trondheim

NTNU in Trondheim offers a wide variety of courses taught in English, both at the master's and bachelor level.

Detailed information about all courses offered in English can be found at ntnu.edu/studies/exchange/courses

Intensive Norwegian summer course in Trondheim

NTNU's popular Intensive Norwegian Summer Course is a great opportunity for exchange students to learn Norwegian. The course is fun and challenging, and a great way to make new friends and learn about a new culture and language. Read more at ntnu.edu/studies/summer

Norwegian language courses are also offered during the semester.



Exchange student in Gjøvik

NTNU in Gjøvik offers several courses taught in English, within multiple fields. If you would like to take a course taught in Norwegian, you must have a satisfactory command of the Norwegian language.

Bachelor courses in English within:

- Computer Science
- Graphic Design
- Norwegian Culture and Language course for exchange students
- Bachelor thesis / projects

Master's degrees in English

- MSc in Applied Computer Science
- MSc in Computational Colour and Spectral Imaging (COSI)
- MSc in Information Security
- MSc in Interaction Design
- MSc in Manufacturing 4.0 by Intelligent and Sustainable Technologies (META4.0)

Please note that changes may occur to the courses listed above; see ntnu.edu/studies/exchange/courses for up-to-date information.



Photo: Olga Cherepkova,
international student from Russia

Exchange student in Ålesund

Bachelor's degree programmes at NTNU in Ålesund are taught in Norwegian, however, several second and third year courses are taught in English. Almost all master's degree programmes are taught in English. If you would like to take courses taught in Norwegian, you must have a satisfactory command of the Norwegian language.

Bachelor courses in English within:

- ICT and Automation
- Business and Marketing
- Life Sciences
- Nursing
- Bachelor thesis / projects
- Norwegian language course for exchange students

Master's degrees in English

- International Business and Marketing (MSc)
- Product and System Design (MSc)
- Naval Architecture (MSc)
- Simulation and visualisation (MSc)

Please note that changes may occur to the courses listed above; see ntnu.edu/studies/exchange/courses for up-to-date information.



Degrees taught in Norwegian

NTNU offers a wide range of degree programmes taught in Norwegian. International students who wish to take a degree that is taught in Norwegian must meet the university's Norwegian language requirements:

ntnu.edu/studies/international/norwegian

*Apply by
15 April*

Danish, Finnish, Icelandic and Swedish applicants who have graduated from upper secondary school (videregående skole) in one of the Nordic countries, do not need to document their proficiency in Norwegian.

There might be exemptions to the deadline. See ntnu.no/studier/opptak

ONE-YEAR STUDIES TAUGHT IN NORWEGIAN (BACHELOR LEVEL)

- Art History
- Biology and Chemistry
- Building SMART - Intelligent Modelling
- Business Administration
- Business Administration
- Business Management
- Church Music
- Comparative Literature
- Drama and Theatre
- Economics
- Educational Science
- English
- Equality and Diversity
- Film Studies
- French
- French with Didactics
- Geography
- German
- History
- Humanities
- Latin
- Mathematical Sciences
- Media Studies
- Medical and Biological Studies
- Musicology
- National Paramedic Education
- Nordic Language and Literature Studies
- Norwegian Sign Language
- Medical and biological chemistry
- Philosophy
- Political Science
- Product Design and Technology
- Psychology
- Religious Studies
- Science and Technology Studies (STS)
- Social Anthropology
- Sociology
- Spanish
- Supplementary Education for Nurses educated outside EU/EEA
- Web Design

BACHELOR DEGREES TAUGHT IN NORWEGIAN (3-YEARS)

- Aquacultural Engineering
- Archaeology
- Archive and collection management
- Art History
- Audiology Programme
- Automation and Intelligent Systems
- Bachelor of Fine Art
- Biology
- Biomarine innovation
- Biomedical Laboratory Science
- Biotechnology
- Business Administration
- Business Administration, part-time
- Chemical engineering
- Chemistry
- Civil Engineering
- Classical Civilization and Classical Studies
- Classical Studies
- Comparative Literature
- Computer Science
- Counselling and Adult Learning
- Cultural Heritage
- Digital Business Development
- Digital Infrastructure and Cyber Security
- Drama and Theatre
- Economics
- Education
- Electrical Engineering
- Electrification and Digitalisation
- English
- European Studies
- Film Studies
- Film and Video Production
- Food Science, Technology and Sustainability
- Foreign Languages
- French
- Geography
- Geology
- Geomatics
- German
- Graphic Design
- History
- Human Movement Science
- Informatics
- Information Technology
- Interaction Design
- Logistics Management
- Logistics engineering
- Marketing, Innovation and Management
- Materials engineering
- Mathematical Sciences
- Mechanical Engineering
- Media Studies
- Music Performance Studies's
- Music Performance Studies - Jazz
- Music Technology
- Musicology
- Nautical Studies
- Norwegian Sign Language
- Norwegian as a Second Language
- Nursing
- Occupational Therapy
- Paramedic Science
- Philosophy and Ethics
- Physics
- Physiotherapy Programme
- Political Science
- Product Design and Technology
- Programming
- Psychology
- Radiography
- Religious Studies
- Renewable Energy
- Scandinavian Language and Literature
- Scandinavian Studies and Comparative Literature
- Ship Design, Engineering
- Shipping management
- Social Anthropology
- Social Education
- Social Education and Child Welfare Work
- Social Science and Sport Sciences
- Social Work Programme
- Sociology
- Spanish
- Traditional Building Craft
- Vocational Teacher Education
- Web Development

MASTER'S DEGREES TAUGHT IN NORWEGIAN (2 – YEARS)

- Accounting and Auditing
- Advanced Clinical Nursing
- Archaeology
- Architecture
- Archives and Collections Management
- Art History
- Arts Education
- Child Welfare Work
- Civil and Environmental Engineering
- Classical Studies
- Clinical Health Science
- Clinical Nursing - Experience-based
- Comparative Literature
- Computer Science
- Counselling for Children and Adolescents - Experience-based
- Counselling Science
- Cultural Heritage
- Cybernetics and Robotics
- Digital Collaboration
- Disability and Society
- Drama and Theatre
- Economics
- Economics and Business Administration
- Education
- Education and Upbringing
- Education for Teachers - Experience-based
- Educational-Psychological Counselling - Experience-based
- Energy and the Environment
- English
- English and Foreign Language Education
- Entrepreneurship
- Equality and Diversity
- Facility Management - Experience-based
- Facility Management
- Film and Media Studies
- Film and Video production
- Financial Economics
- Food Science, Technology and Sustainability
- French
- General Psychology
- Geography
- Geology
- German
- Health Care Management
- Healthcare Informatics - Experience-based
- History
- Industrial Cybernetics
- Industrial Innovation and Digital Security
- Innovation, Entrepreneurship and Society
- Learning in Working Life and Society
- Management - Experience-based
- Management of Technology
- Marine Technology
- Mathematics Education
- Mechanical Engineering
- Media, Communication and Information Technology
- Medical Imaging Technologies
- Mental Health - Experience-based
- Midwifery - Experience-based
- Musicology
- NTNU School of Entrepreneurship
- Norwegian Language and Literature Education
- Obesity and Health
- Organization, digitalization, administration and work
- Pain and Palliative Care
- Pharmacy
- Philosophy
- Physical Planning
- Political Science
- Psychology
- Public Administration - Experience-based
- Public Health
- Public Health Nursing
- Religious Studies
- Road and Railway Engineering - Experience-based
- Scandinavian Language and Literature
- School Development and Education Management - Experience-based
- Science Education
- Science and Technology Studies (STS)
- Social Anthropology

MASTER'S DEGREES TAUGHT IN NORWEGIAN (2 – YEARS)

- Social Sciences Education
- Social work
- Sociology
- Special Education - Experience-based
- Special Education
- Speech Therapy - Experience-based
- Sport Sciences
- Subsea Technology
- Sustainability, Work Environment and Safety Management
- Teacher Specialist - Experience-based
- Technology Management - Experience-based
- Technology Management and Digital Transformation - Experience-based
- Vocational Education
- Work and Organizational Psychology

MASTER'S DEGREES TAUGHT IN NORWEGIAN (5 – YEARS)

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| <ul style="list-style-type: none"> • Applied Physics and Mathematics • Architecture • Biotechnology • Business Administration • Chemical Engineering and Biotechnology • Civil and Environmental Engineering • Clinical Psychology Programme • Clinical Psychology Programme, 6 years • Communication Technology and Digital Security • Computer Science • Cybernetics and Robotics • Economics • Electronics System Design and Innovation • Energy and the Environment • Engineering and ICT • Geography with Teacher Education • Geotechnology • History with Teacher Education • Industrial Design Engineering | <ul style="list-style-type: none"> • Industrial Economics and Technology Management • Language Studies with Teacher Education • Marine Technology • Materials Science and Engineering • Mechanical Engineering • Medical studies - Professional • Nanotechnology • Natural Science with Teacher Education • Petroleum Geoscience and Engineering • Physical Education and Sport with Teacher Education • Primary and Lower Secondary Teacher Education • Social Science with Teacher Education |
|--|--|



Photo: Mentz Indergaard/NTNU Info

TRONDHEIM - NORWAY'S BEST STUDENT CITY

Trondheim is well known as a top location for students and academics, and it is regularly rated as the best student city in Norway, and often regarded as the best in the Nordics.

Out of the total population of 213 000, **37 500 are university students** who make the city buzz with life. More than 200 student organizations offer all kinds of activities. Studentersamfundet (the Student Society), run by and for Trondheims' students since 1910, is the base for many of them.

Every two years, the students at Studentersamfundet organize **UKA**, Norway's largest cultural festival. Students in Trondheim are also behind the **International Student Festival in Trondheim (ISFiT)** – the largest thematic international student festival in the world.

Trondheim is an excellent mix of urban life and scenic, natural surroundings. In the summer months you can fish for salmon in the river, right in the middle of town. Great hiking and ski trails are just a short tram or bus ride away.

Outstanding academic quality vis-à-vis a vibrant, pulsating student culture – that is Trondheim in a nutshell.



GJØVIK

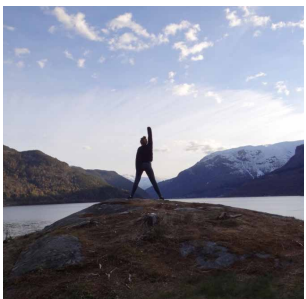
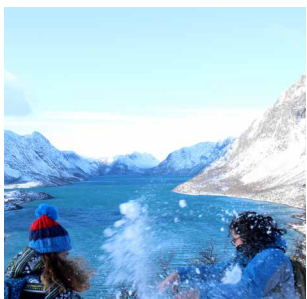
Gjøvik has about 30 000 inhabitants and is a town known for its rich music and cultural life. The beautiful nature surrounding the city is ideal for an active outdoor life. Gjøvik is located in the heart of Norway, a short train ride from the capital Oslo, and this location provides endless possibilities.

As a student at NTNU in Gjøvik you become part of a vibrant and active study environment. In Gjøvik, it is easy to get to know people, and to get in close contact with lecturers and research communities.

ÅLESUND

Ålesund is located on the beautiful, weathered west coast of Norway, and has about 67 000 inhabitants. Studying in Ålesund will provide you with plenty of opportunities to explore a region of Norway that is famous for its beautiful scenery with high mountains and blue fjords. Ålesund itself, with its Art Nouveau architecture, is by many considered to be the most beautiful city in Norway.

NTNU in Ålesund has close links with local companies when it comes to development, research and student projects. With its 2 600 students, the student community in Ålesund is tight-knit and welcoming.



Orientation week

All new international students are encouraged to attend NTNU's Welcome Programme that is arranged in August and January. It is an ideal opportunity for you to get to know NTNU, your new city and your fellow students:

Trondheim: ntnu.edu/lifeandhousing/trondheim/new-student

Gjøvik: ntnu.edu/lifeandhousing/gjovik/new-student

Ålesund: ntnu.edu/lifeandhousing/alesund/new-student

Accommodation

Trondheim: ntnu.edu/lifeandhousing/trondheim/housing

Gjøvik: ntnu.edu/lifeandhousing/gjovik/housing

Ålesund: ntnu.edu/lifeandhousing/alesund/housing

NTNU guarantees available student housing for non-EU/EEA students.

Academic calendar

Autumn semester: from mid-August to December

Spring semester: from early January to mid-June

ntnu.edu/studies/academiccalendar

Study load

The regular workload for one academic year is 60 ECTS credits (30 credits per semester)

Deadlines

NTNU application deadlines vary depending on the programme:

ntnu.edu/studies/application

Financing

NTNU charges no tuition fees for students from EU/EEA/EFTA countries, or for exchange students from partner universities (regardless of country). However, non-EU/EEA/EFTA citizens must be able to document that they have enough funding to live and support themselves in Norway. Degree students from outside the EU/EEA/EFTA may need to pay tuition fees.

For more information, including exemptions, see: ntnu.edu/studies/financing

Course descriptions

Courses for exchange students: ntnu.edu/studies/exchange/courses

Courses for master's degree students: ntnu.edu/studies/courses

Master's degrees taught in English

ntnu.edu/studies/international/master

Exchange possibilities

ntnu.edu/studies/exchange

NTNU

The Norwegian University of Science and Technology (NTNU) in Trondheim, Gjøvik and Ålesund represents academic eminence in technology and the natural sciences as well as in other academic disciplines, ranging from the social sciences, the arts, medicine, teacher education, and architecture to fine art. Cross-disciplinary cooperation results in innovative breakthroughs and creative solutions with far-reaching social and economic impact.



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