

A Taste of NTNU

EXCHANGE STUDIES AND INTERNATIONAL MASTER'S PROGRAMMES
OFFICE OF INTERNATIONAL RELATIONS



NTNU – Trondheim
Norwegian University of
Science and Technology



The Norwegian University of Science and Technology (NTNU) is Norway's primary institution for educating the nation's future engineers and scientists. The university also has strong programmes in the social sciences, teacher education, the arts and humanities, medicine, architecture and fine art.

With 20,000 students studying a range of disciplines in seven different faculties, NTNU is alive 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.

Its 53 departments are spread out over seven major campuses, and graduate about 3,300 students every year, two-thirds of which are master's

or PhD candidates. The university has more than 100 laboratory facilities distributed among the different faculties and departments. These are central elements in NTNU's education and research work.

NTNU 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.

Cooperation in research and education is established with about 200 universities all over the world.

NTNU OFFERS A WIDE VARIETY OF COURSES IN DIFFERENT FIELDS

Architecture
Technology
Humanities
Natural sciences
Social sciences
Medicine
Psychology
Fine art
Music
Practical-pedagogical education

INTERNATIONAL MASTER'S PROGRAMMES AND ERASMUS MUNDUS PROGRAMMES

NTNU offers more than 35 International Master's Programmes and Erasmus Mundus Programmes, taught in English:

www.ntnu.edu/studies/international/master

These cover the humanities, the social sciences, the natural sciences, engineering and architecture and medicine. Courses are mostly also open for exchange students.

STUDY PROGRAMMES AT NTNU

More details under:

www.ntnu.edu/studies/allstudies



African Studies
Applied Linguistics
Archaeology
Art History
Bachelor of Fine Art
Biology
Chemistry
Classical Studies in Language and Literature
Comparative Literature
Comparative Religion
Counseling and Adult Education
Cultural Heritage
Dance Studies
Drama/Theatre
Economics
Education Studies
English
European Studies and Foreign Languages
Film and Video Productions
Film Studies
French
Geography
Geology
German
History
Human movement and sports science
Informatics
Language and Literature
Linguistics
Mathematical Sciences
Media Studies
Medieval Studies
Music Performance Studies
Music Technology
Philosophy
Phonetics
Physics
Political Economy
Political Science
Psychology
Scandinavian Language and Literature
Social Anthropology
Social Sciences
Social Science and Sports Science
Sociology
Vocational Teacher Education
One-year programme
African Studies
Art History
Biology and Chemistry
Comparative Literature
Economics
Education
English
French
Geography
German
History
Humanities – Modular Course Studies
Informatics
Latin
Mathematical Sciences
Nordic Language and Literature Studies
Norwegian for foreigners (Half-year programme and shorter)
Philosophy
Physical Education and Sport
Political Science
Psychology
Science and Technology Studies
Social Anthropology
Social Science and Sports Science
Social Sciences
Social Studies
Social Studies
Sociology
Spanish
Studies of Christianity
Studies of Religion

MASTER'S DEGREE (2 – YEARS)

**International Master's Programmes*

Adult Education
 * Applied Ethics
 Applied Linguistics
 Archaeology
 Art Criticism and Cultural Dissemination
 Art History
 Biology
 Biotechnology
 Cell biology
 * Chemical Engineering
 Chemical Engineering and Biotechnology
 Chemistry
 Child and Adolescent Mental Health
 * Childhood Studies
 * Choreomundus
 Civil and Environmental Engineering
 Clinical Health Science
 * Coastal and Marine Civil Engineering
 Comparative Literature
 Comparative Religion

Computer Science
 * Condensed Matter Physics
 Counselling
 Cultural Heritage
 Dance Studies
 * Development Studies
 Didactics
 Disability and Society
 Drama/Theatre
 Economics
 Education
 * Electric Power Engineering
 Electronics Engineering
 * Embedded Computing systems
 Energy Use and Energy Planning
 Engineering Cybernetics
 English
 * English Linguistics and Language Acquisition
 Entrepreneurship
 * Environmental toxicology and chemistry
 European Studies
 * Exercise Physiology and Sport Sciences



Facility Management
 Film and Video Production
 Film Studies
 Financial Economics
 Fine Art
 French
 Geography
 Geology
 * Geotechnics and Geohazards
 German
 * Globalization
 Health Environment and Safety
 Health Science
 History
 * Human Development
 Human Movement Science
 * Hydropower Development
 Industrial Design Engineering
 * Industrial Ecology
 Informatics
 * Information Systems
 * Innovative Sustainable Energy Engineering



Interdisciplinary Studies of Culture
 Interdisciplinary Studies of Gender and Culture
 * Light Metals Production
 * Linguistics
 * Marine Coastal Development
 * Marine Technology
 Maritime Archaeology
 * Maritime Engineering
 Materials Technology
 * Mathematics
 Mechanical Engineering
 Media, Communication and
 Information Technology
 Media Studies: Visual Communication
 * Medical Technology
 * Molecular Medicine
 Musicology
 Music Performance
 Music Technology
 * Natural Gas Technology
 * Natural Resources Management
 * Neuroscience
 NTNU School of Entrepreneurship
 * Petroleum Engineering
 Petroleum Geoscience and Engineering
 * Petroleum Geosciences
 Philosophy
 Phonetics
 Physical Planning
 Physics
 Political Science
 * Project Management
 Psychology
 * Reliability, Availability, Maintainability and Safety
 * Risk Psychology, Environment and Safety
 Safety, Health and Environment
 Scandinavian Language and Literature
 Science and Technology Studies
 * Security and Mobile Computing
 * Silicon and Ferroalloy Production



Social Anthropology
 Social work
 Sociology
 Sports Sciences
 Statistics
 Subsea Technology
 * Sustainable Architecture
 Teacher Training
 * Telematics - Communication Networks and
 Networked Services
 * Urban Ecological Planning
 * Wind Energy

MASTER'S DEGREE (5 – YEARS)

Applied Physics and Mathematics
 Architecture
 Biotechnology
 Chemical Engineering and
 Biotechnology
 Civil and Environmental Engineering
 Communication Technology

Computer Science
 Earth Sciences and Petroleum
 Engineering
 Engineering
 Economics
 Electronics
 Energy and Environmental Engineering
 Engineering and ICT
 Engineering Cybernetics
 Geography with Teacher Education
 Geotechnology
 History with Teacher Education
 Industrial Design Engineering
 Industrial Economics and Technology Management
 Language Studies with Teacher Education
 Marine Technology
 Materials Science and Engineering
 Mechanical Engineering
 Nanotechnology
 Natural Science with Teacher Education
 Petroleum Geoscience and Engineering
 Social Science with Teacher Education



Aesthetics
 Architecture
 Biology
 Biophysics
 Biotechnology
 Chemical Engineering
 Chemistry
 Civil and Transport Engineering
 Clinical Medicine
 Economics
 Education
 Electrical Engineering
 Electrical Power Engineering
 Electronics and Telecommunication
 Energy and Process Engineering
 Engineering Cybernetics
 Engineering Design and Materials
 Geography
 Geology and Mineral Resources
 Engineering
 Health Sciences
 History and Culture
 Hydraulic and Environmental
 Engineering
 Industrial Design Engineering
 Industrial Ecology
 Industrial Economics and Technology Management
 Information and Communications Technology
 Information Technology
 Interdisciplinary Child Research
 Interdisciplinary Cultural Studies
 Language and Linguistics
 Marine Technology
 Materials Technology
 Mathematical Sciences
 Medical Technology
 Molecular Medicine
 Neuroscience
 Palliative Care
 Petroleum Engineering and
 Applied Geophysics
 Physics
 Political Science
 Production and Quality Engineering
 Psychology
 Research on Professional Work (with Special
 Orientation towards Teacher Education)
 Science Education
 Social Anthropology
 Social Work
 Sociology
 Structural Engineering
 Telematics

PRACTICAL INFORMATION

WELCOME PROGRAMME

All new international students are encouraged to attend NTNU's Welcome Programme which is arranged every August and January. It's an ideal opportunity for you to get to know NTNU and Trondheim, and to have a good time: www.ntnu.edu/international/orientation

ACCOMMODATION

www.ntnu.edu/studies/housing

ACADEMIC CALENDAR

Autumn semester:
from mid-August to December
Spring semester:
from early January to June
www.ntnu.edu/studies/academiccalendar

STUDY LOAD

The regular workload for one academic year is 60 ECTS credits.



INTENSIVE NORWEGIAN SUMMER COURSES FOR EXCHANGE STUDENTS

NTNU's intensive summer Norwegian courses are a great opportunity for exchange students who want to learn Norwegian. They are fun and challenging, and a way to make new friends and learn about a new culture. Each year NTNU welcomes 180 students from all over the world. www.ntnu.edu/studies/international/norwegianlanguagecourses/summer Norwegian courses are also offered during the semester.



LANGUAGE OF INSTRUCTION

All courses of the International Master programmes are taught in English www.ntnu.edu/studies/international/master In addition the majority of courses related to Engineering and Technology Management at master level are given in English.

For information about English taught courses at other faculties check these web sites:

- <http://www.ntnu.edu/hf/studies> (Humanities)
- http://www.ntnu.edu/svt/exchange_students (Social Science)
- <http://www.ntnu.edu/dmf/studies/exchange> (Medicine)



Bachelor courses are in general taught in Norwegian.

To get detailed information about all courses in English please check this website: <http://www.ntnu.edu/studies/courses> (Click on "alphabetical" to use the language filter)

FACULTIES AT NTNU

Faculty of Architecture and Fine Art :
www.ntnu.edu/ab/english

Faculty of Engineering Science and
 Technology: www.ntnu.edu/ivt

Faculty of Humanities:
www.ntnu.edu/hf/english

Faculty of Natural Sciences and
 Technology: www.ntnu.edu/nt

Faculty of Information Technology,
 Mathematics and Electrical Engineering:
www.ntnu.edu/ime

Faculty of Medicine:
www.ntnu.edu/dmf/english

Faculty of Social Sciences and Technology
 Management: www.ntnu.edu/svt/english

HOW TO JOIN US?

Information about International
 Master's Programmes:
[www.ntnu.edu/studies/international/
 master](http://www.ntnu.edu/studies/international/master)

Information about exchange
 possibilities:
[www.ntnu.edu/studies/visiting_and
 _exchange_students](http://www.ntnu.edu/studies/visiting_and_exchange_students)

APPLICATION DEADLINES

International Master Programmes:
 1 December for programmes starting
 in August of the following year.

Exchange/free movers:
 1 May and 1 October

COURSE DESCRIPTIONS

www.ntnu.edu/studies/courses



International house



In Trondheim, one person in six is a student and this is something that shapes everyday life. Many of the best pupils from Norwegian upper secondary schools apply for entrance to NTNU.

Trondheim is regularly rated as the top university city in Norway on the basis of the university and the student activities. Student life at NTNU is vibrating. Thanks to the enormous efforts of the student society, which is run by more than 1200 volunteers, the city can regularly welcome well-known artists and speakers.

Also Norway's largest sports association (NTNUI) gives new impulses to student life in Trondheim. More than 200 student organizations cover all kinds of activities - from serious work to pure fun.

By the way, the student welfare organization has previously launched the «love guarantee» which underlines the fact that Trondheim is a young and pulsating city where you have pretty good chances to find the love of your life. Academic quality in a romantic city with pulsating student life - that's Trondheim and NTNU in a nutshell.



HAMBURG & MIKSEN AS
LANDSDEKORATIONSMÅLERI

1 EXCELLENT ACADEMIC QUALITY

- NTNU represents academic eminence in technology and the natural sciences as well as in other academic disciplines ranging from the social sciences, the arts, medicine, architecture to fine art.
- 20000 students, including 1200 international students
- No tuition fees
- All course descriptions:
www.ntnu.edu/studies/courses

2 EXCELLENT RESEARCH OPPORTUNITIES

- Close cooperation with and proximity to one of Europe's largest research foundations, SINTEF, gives students easy access to laboratories equipped with the latest equipment and ensures that NTNU continues to be a dynamic educational and research community.

3 LOCATED IN NORWAY'S BEST STUDENT TOWN – PULSATING STUDENT ENVIRONMENT

- A vibrant Student Union offering concerts, dances, theatre, debates and more
- The biennial international student festival ISFiT.
- The three-week long biennial student festival (UKA)

4 SPECTACULAR SCENERY

- The natural beauty of Norway's fjords, mountains and coastline provides limitless opportunities for year round enjoyment
- Trondheim in the middle of Norway is an excellent starting point for exploring Scandinavia

5 CULTURAL AND HISTORICAL CITY

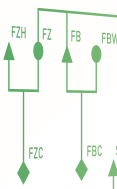
- Trondheim holds a special place in Norwegian history and culture. It was the first capital of Norway. The Sagas tell us how King Olav Tryggvason of Viking fame founded the city by the mouth of the River Nidelva in 997. It is still the city where new kings receive their ceremonial blessing.
- Today Trondheim is the third largest city in Norway with 170 000 inhabitants and is one of the main high-technology centres in Europe. It is also one of Norway's most creative cultural and innovative centres.

CONTACT NTNU

General information and admission: + 47 73 59 57 00
Office of International Relations
international@adm.ntnu.no
www.ntnu.edu

This booklet was printed: 09/01/11





The Norwegian University of Science and Technology (NTNU) in Trondheim 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, architecture to fine art. Cross-disciplinary cooperation results in innovative breakthroughs and creative solutions with far-reaching social and economic impact.