YOUR GUIDE TO STUDIES AT
UMEÅ UNIVERSITY
SWEDEN
WELCOME TO UMEÅ UNIVERSITY

Umeå University is one of the leading comprehensive universities in Sweden. Creative environments attract students, researchers, teachers and collaborating partners nationally and globally. We strive to provide our students and staff with unique opportunities for professional and personal development, whilst simultaneously serving society with new knowledge, and creative citizens, both locally and globally.

QUICK FACTS

- Founded in 1965
- Over 32,000 students
- Over 4,000 employees
- Around 40 degree programmes taught in English
- 40 nationalities are represented among students and staff
- The University Library has 1.5 million books and 27,000 periodicals available

RANKINGS AND RECOGNITION

Umeå University is among the best young universities in the world according to recent, highly-respected ranking tables. Our objective is to maintain a strong international position as one of Sweden’s leading universities.

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<thead>
<tr>
<th>Rank</th>
<th>Region</th>
<th>Recognition</th>
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<tr>
<td>1</td>
<td>Americas and Europe</td>
<td>Red Dot Institute 2016 (for Umeå Institute of Design)</td>
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<tr>
<td>251-300</td>
<td></td>
<td>Times Higher Education World University Rankings 2016/17</td>
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<tr>
<td>294</td>
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<td>QS World Rankings 2016/2017</td>
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<td>5</td>
<td>in Europe</td>
<td>International Student Barometer 2016 (for student satisfaction)</td>
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<tr>
<td>51-100</td>
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<td>QS World University Rankings by Subject 2017 – Art &amp; Design</td>
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<tr>
<td>131-140</td>
<td></td>
<td>Times Higher Education - Best Universities in Europe 2017</td>
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</table>
EDUCATION FOR ALL
Umeå University offers a wide range of programmes and courses taught entirely in English. Every year, we host around 2,000 international students, teachers and researchers.

MODERN FACILITIES AND A CREATIVE ATMOSPHERE
Renowned for creative learning environments, featuring Umeå Arts Campus, the University Library, high-speed Wifi and Bildmuseet - the university’s museum of contemporary art and visual culture.

WORLD CLASS RESEARCH
Research at Umeå University is innovative and extends over many disciplines and scientific fields. We carry out top-level international research within such areas as ageing and population studies, infection biology, global health, and plant and forest biotechnology.
OUR CAMPUSES & CAMPUS LIFE

Two of the university’s four campuses are located in Umeå – Campus Umeå and Umeå Arts Campus. There are many possibilities for you to make new friends, learn from students with different backgrounds, engage in student’s rights and join organisations that meet your interests. Every week, there is something going on for you to take part in.

CAMPUS UMEÅ

Campus Umeå is the main campus and the vast majority of courses and programmes are held in its many buildings and facilities.

UMEÅ ARTS CAMPUS

Umeå Arts Campus is situated by the scenic banks of the Umeå River. It hosts Umeå Institute of Design, Umeå Academy of Fine Arts and Umeå School of Architecture.

CAMPUS ÖRNSKÖLDSVIK

Campus Örnsköldsvik mainly offers courses and programmes with regional ties.

CAMPUS SKELLEFTEÅ

Campus Skellefteå mainly offers courses and programmes with regional ties.
JOIN THE BUDDY PROGRAMME
The Buddy Programme introduces you to life in Umeå and Sweden. You will have the possibility to participate in various activities, for example, sports, parties, dinners, trips and more.

JOIN A STUDENT UNION OR AN ORGANISATION
Student unions and organisations are an essential part of student life at the university. Many are involved so that fellow students have a high quality of education, good working environment, and fun leisure time.

VISIT CULTURE ON CAMPUS
Every week, an event is arranged on campus for students and staff, free of cost. The events include concerts, theatrical performances, author visits, film, photography, dance and art.

RECOVER IN THE LIGHT AND QUIET ROOM AURORA
At Campus Umeå you will find the student’s light and quiet room for rest and recovery.

PLAY BRÄNNBOLL
Brännboll is a typical Swedish sport, similar to rounders. Every summer there is a combined tournament and music festival.
The requirements for each programme can be found in the online catalogue. You also need to prove that you have sufficient knowledge in English: A minimum total score of IELTS 6.5 (with no individual score below 5.5) or TOEFL (Internet-based) score of 90 (with a minimum writing score of 20) is required for non-native English speaking applicants. Some programmes may have a different requirement.
PHYSICS

This programme gives you the opportunity to acquire wider knowledge and abilities within one or several subareas in physics. You are free to choose courses according to your own interests and ambitions, but we also offer three special profiles: Computational Physics, Advanced Materials, and Atomic, Molecular and Optical Physics. The programme gives a solid foundation for doctoral studies but can easily be adapted to prepare you for the labour market.

PLANT AND FOREST BIO-TECHNOLOGY

Plant biotechnology is an important tool to solve global problems: How do we produce enough food in the world? How do we develop renewable fuels and manage ecosystems in a sustainable manner? In this programme you will gain skills to recognise, understand and find solutions to these challenges. The programme is organised at Umeå Plant Science Centre where world leading research is being conducted.

ROBOTICS AND CONTROL

This is an interdisciplinary programme that covers important aspects of modern robotics, such as autonomous systems, field robotics, artificial intelligence, computer vision, mobile robots, embedded systems, modeling and control systems. Many courses include an extensive part of laboratory work to provide hands-on experience using state of the art software and hardware. Your study focus can be personalised to meet your interests.

HEALTH & MEDICINE

PUBLIC HEALTH

The programme is designed for you who are working as, or planning to become, a public health practitioner, as well as for you who are aiming at a career within public health research. The programme includes a number of courses on global health conditions, health systems analysis, the relations between social conditions and health, and on the methods that you need to carry out public health work.

PUBLIC HEALTH WITH A SPECIALIZATION IN HEALTH ECONOMICS

Health economists analyse resource use, health consequences and how to best use resources to maximise health gains. The programme equips you with skills in health economics, epidemiology, biostatistics, evaluation methods, interview techniques and academic writing. You will study with students coming from all over the world and many have a background in health or medical care.

BIOMEDICINE

In this programme you study molecular mechanisms for the most common diseases. The first term focuses on biomedicine. From the second term, you are able to choose from a variety of elective courses to tailor your education. The programme is given in an international environment and the teachers are active researchers. You will be prepared for doctoral studies or for work in pharmaceutical companies, with authorities or in the health care system.
Cognitive Science is a multidisciplinary subject and offers a variety of advanced courses within Computer Science, Linguistics, Neuroscience, Philosophy and Psychology. The programme will prepare you for doctoral studies as well as for work in research and development in the industry. Research opportunities are open, ranging from visual aids and memory disorders to child development, cognitive neuroscience and more.

This programme gives you in-depth knowledge about crisis management and peacebuilding at national and international level. The main perspective is governance under uncertainty caused by crisis, disasters and conflicts. You will develop skills to analyse and manage uncertainty in light of knowledge about crisis management systems, legal norms, power relations and planning for societal reconstruction.

Investigate traces from the past and learn about the long-term history of people and environments. With expert knowledge of environmental archaeological methods, you can map prehistoric landscapes, climate change and understand past ways of life. You will be prepared for a career as an archaeologist, environmental scientist, heritage guide or for laboratory or GIS oriented work.

In this programme you will gain skills in harnessing the opportunities associated with new additive and subtractive digital fabrication technologies. The programme integrates several faculties to include the width and depth of knowledge from the fields of social science, humanities, engineering, and design. You will be prepared for qualified tasks in digital fabrication and innovation in for example R&D-labs of large organisations, or in start-ups.

Increased international dependency, along with the development of human rights, emphasises the importance of constitutional law and the rule of law. Using an international and comparative approach, the programme will provide you with theoretical understanding and knowledge of substantive rules and principles, and relevant skills necessary to manoeuvre this dynamic field and making you qualified for a broad range of national and international positions.

This programme is for you who want to influence the development of interaction between people and IT. You will encounter research areas such as design, interaction design, user experience design and social media. Focus is on analysis and design of interactions between people and IT, across a wide spectrum of usage situations. Well-equipped computer labs and an interaction design lab are at your disposal throughout your studies.

The programme offers you to further develop your GIS knowledge and skills. Topics include geodatabase management and applied cartography, advanced editing, analysis and thematic mapping. The programme also covers two important applications of GIS: transport planning and 3D modelling in a planning context. The utilization of computer-aided design in conjunction with GIS is given special attention.
POLITICAL SCIENCE

This programme provides in-depth knowledge of essential political science problems at different levels, such as political representation, governance, public administration and leadership. You will develop your competences in social science theory and methods, and you will receive extensive training in conducting analyses and writing scientific texts. You will be prepared for work within management, planning and analysis.

POPULATION STUDIES
(60 ECTS)

This programme will give you a comprehensive interdisciplinary knowledge on the causes and consequences of population change in different time periods and parts of the world. In focus are some of today’s key challenges – population ageing, social and economic consequences of international migration as well as population concentration to urban areas.

SCANDINAVIAN STUDIES WITH A FOCUS ON NORTHERN STUDIES
(Language of instruction: Swedish)

The programme provides an in-depth depiction of the Scandinavian area from various historical and contemporary perspectives. The whole Scandinavian region is included, but emphasis is on the Northern regions. Broad cultural and social issues are looked at from different humanistic and social perspectives, including the Nordic languages, especially the official minority languages.

SPATIAL PLANNING AND DEVELOPMENT

Would you like to design, develop and plan our common future? During this programme you will gain knowledge about current theories on planning and development. You are introduced to geographical information systems (GIS), consequence assessments, prognosis-making, and a range of qualitative methods. Altogether the programme will prepare you for future positions demanding advanced analytical skills.

TOURISM

The programme focuses on how tourism affects destinations and the consequences tourism have for societal development. You will gain advanced insights into the tourist industry and have the opportunity to further your knowledge depending on your interests. The programme also offers opportunities to develop your methodological and analytical skills.

LAW, GENDER AND SOCIETY

This programme prepares you to respond, in working life, to societal challenges such as the difficulties to reach gender equality, to respect diversity, and also to decrease or tackle domestic violence. The programme is interdisciplinary, has a strong Nordic profile and represents both a continuation programme for students, and in-depth knowledge for professionals in the public and private sector.

LAW AND SOCIETY

The programme is aimed at you who are interested in the public and private sectors, and in non-governmental or other organisations. It prepares you for a working life that demands a community-based legal competence, an ability to place law in context and a competence to deal with law from different critical perspectives. The programme has a Nordic and interdisciplinary profile and represents a continuation programme that gives you an excellence in law.
BUSINESS, ECONOMICS & STATISTICS

ACCOUNTING
The programme prepares you who are aiming to pursue a career in accounting and auditing. You learn to understand companies and to use financial information to develop their operations. You also gain an understanding of the rules and standards governing the conduct of accounting and auditing. The programme is especially suitable if you are planning to work at public accounting firms or a company's accounting department.

ECONOMICS
The programme aims to broaden the content of the undergraduate programme and to provide you with essential tools for advanced studies and a career as an economist. You can choose to follow the general track or get a specialisation in environmental and resource economics or health economics. Future career opportunities are, for example, as a researcher, work for the central bank or the government but also to work in the private sector, especially in the financial sector.

MANAGEMENT
This programme is designed for you who are interested in the strategic and leadership challenges faced by managers in the contemporary business world. The programme offers a sound theoretical knowledge of important management theories and concepts, as well as various opportunities to put these theoretical understandings into practice. You are able to choose from a variety of elective courses to tailor your degree.

MARKETING
This programme is for you who want to work with strategic marketing and specialising in consumer behaviour and market analysis. Focus is on developing knowledge in marketing through modules in marketing strategy and strategic planning, consumer behaviour and market analysis. During the second year, you are given the opportunity to deepen your knowledge in one other area in the field of business administration.

FINANCE
The programme offers the opportunity to develop a financial theoretical base, analytical skills and communication skills fundamental for a successful career in the financial sector. You will gain an understanding of financial instruments and markets, necessary in financial consulting, financial risk management and as a business analyst. The programme is suitable if you wish to work as an investment adviser, with financing issues in banks, with cash management or as financial analyst.

STATISTICAL SCIENCES
(60 ECTS)
This programme offers broad and high-level training in applied and computational statistics as well as foundations of statistical theory. You will gain potent knowledge in statistical methods and hone your skills to critically analyse and interpret data, and to communicate the results. You can choose from a variety of elective courses in Statistics or Mathematical Statistics to tailor your degree.

BUSINESS DEVELOPMENT AND INTERNATIONALISATION
The programme aims to prepare you to develop the knowledge base and skills to act upon business and societal opportunities, needs and challenges, to develop successful businesses and innovations in a global and changing business environment. The programme provides theoretical and practical knowledge about strategy, innovation, entrepreneurship, networking and business growth.
ARCHITECTURE, DESIGN & FINE ARTS

ADVANCED PRODUCT DESIGN
The aim of this programme is to make you into a skilled industrial design consultant, able to design products and technical solutions for industry, institutions and public authorities. The programme is project-based and a major part of the work is done in collaboration with external partners. The projects can address anything from developing medical technology products and design for the disabled to design of public services and professional tools.

ARCHITECTURE AND URBAN DESIGN
Do you want to take part in designing sustainable architecture and developing socially just cities? This programme is operating in-between the artistic and the scientific field of knowledge. Important elements are social and environmental sustainability, resource awareness, experimenting with technical solutions and prototyping through full-scale construction and installations in the physical environment.

FINE ARTS
As a student of this programme you will get a good insight into, and understanding of, the role of art in today's society and how it has evolved over time. You will practise your ability to analyse, debate and write about art from a critical point of view. Focus is on your own individual artistic expression.

INTERACTION DESIGN
This programme deals with the relation between people and IT. Interaction design is about the ability to design both the cognitive and physical interface and integrate them into a successful whole. We aim to enable designers to create sustainable, comprehensible and pleasurable information-based products, services and environments.

TRANSPORTATION DESIGN
As a transportation designer, you can influence the transportation industry with new and innovative solutions. This programme is unique in covering general transportation problem areas and their relation to the transport industry worldwide. A great deal of time is devoted to project-work in collaboration with external partners like research institutions or design departments from different companies.
## UNDERGRADUATE PROGRAMMES & COURSE PACKAGES

### 2018/2019

The programmes and course packages presented here are taught in English.

The requirements for each course can be found in the online catalogue. You also need to prove that you have sufficient knowledge in English: A minimum total score of IELTS 6.5 (with no individual score below 5.5) or TOEFL (Internet-based) score of 90 (with a minimum writing score of 20) is required for non-native English speaking applicants. Some programmes may have a different requirement.

### FINE ARTS & DESIGN

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<tr>
<th><strong>FINE ARTS</strong></th>
<th><strong>INDUSTRIAL DESIGN INTENSIVE</strong></th>
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<tr>
<td>(Undergraduate programme, 180 ECTS)</td>
<td>(Course package, 60 ECTS)</td>
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</table>

**FINE ARTS**

The programme has its focus on the individual artistic practice and is complemented with history and theory in international, contemporary art and culture. You will get insight into the role of contemporary art in our society, by exercising analysis, discussing artistic practise and debating contemporary art with a critical perspective.

**INDUSTRIAL DESIGN INTENSIVE**

This course package aims at giving an intensive education in the field of industrial design, beginning on introductory level and moving on to higher levels of design competence and methodology during the study year. Focus is on design methods and design practice, and studies are mainly conducted in project form where theory and practice are combined.

### BUSINESS & ECONOMICS

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<tr>
<th><strong>INTERNATIONAL BUSINESS</strong></th>
<th><strong>LIFE SCIENCE</strong></th>
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<tr>
<td>(Professional degree programme, 240 ECTS)</td>
<td>(Undergraduate programme, 180 ECTS)</td>
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**INTERNATIONAL BUSINESS**

This four-year professional degree programme prepares you for work with international business-related tasks in companies, organisations or in the public sector. The curriculum includes courses in business administration, statistics, economic history and economics. After three terms, you choose your main field of stud: business administration or economics.

**LIFE SCIENCE**

As a chemist and molecular biologist you can, for example, work with development of pharmaceuticals, vaccines and forensic techniques or the refinement of plants. This programme covers a broad spectrum of chemistry and molecular biology and your teachers have a close link to leading research in fields such as microbiology, biological and environmental chemistry, infection medicine and plant and forest biotechnology.
SWEDISH STUDY SYSTEM

The academic year in Sweden is divided into two terms: autumn and spring. Courses are taught with a variety of methods, for example: lectures, lab work and discussion seminars, group or individual assignments. Sweden regularly ranks as one of the top countries in the world for non-native speakers of English which means you don’t have to speak Swedish to study here.

DRAW YOUR OWN CONCLUSIONS
The teaching methods are based on your own responsibility. You are expected to summarise, evaluate and analyse to draw your own conclusions. Examinations seldom requires that you reproduce exactly the material presented during the lectures.

| Alt 1       | 7.5 ECTS | 7.5 ECTS | 7.5 ECTS | 7.5 ECTS |
| Alt 2       | 15 ECTS  |          |          |          |
| Alt 3       | 7.5 ECTS | 7.5 ECTS |          | 15 ECTS  |
| Alt 4       | 15 ECTS  | 7.5 ECTS | 7.5 ECTS |          |
| Alt 5       | 30 ECTS  |          |          |          |

FOCUS ON ONE THING AT A TIME
In the Swedish system, you generally only take one course at a time. One full week of study is estimated to be approximately 40 hours of lectures, group work, seminars and independent study. Exams are not given at the end of the term, but rather at the end of each course.

ASK QUESTIONS AND DEBATE
The academic lifestyle of Umeå University is relaxed and friendly. The dress code is informal and the staff/student relationship is non-authoritarian and democratic. The professor is addressed by his or her given name and questions and debate are the norm.

LEARN SKILLS FOR A GLOBAL CAREER
Sweden ranks among the world’s most innovative nations. During your studies you will learn to be creative, how to combine theory and practice, and how to navigate complex situations where there’s no easy solution. You will also learn how to bring out the best in everyone and solve complex issues as a team – vital skills for your global career, where teamwork across cultures is the norm.
TUITION FEES AND SCHOLARSHIPS

With a few exceptions, all citizens of countries outside of the European Union, European Economic Area and Switzerland are required to pay fees for education at Umeå University. The annual tuition fee levels vary depending on the subject area of study.

FEES

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<tr>
<th>Subject</th>
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<tr>
<td>Public Health</td>
<td>SEK 140,000</td>
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<tr>
<td>Architecture</td>
<td>SEK 175,000</td>
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<tr>
<td>Design</td>
<td>SEK 270,000</td>
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<tr>
<td>Fine Arts</td>
<td>SEK 335,000</td>
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<tr>
<td>Natural Sciences, Technology &amp; Engineering</td>
<td>SEK 135,000</td>
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<tr>
<td>Business, Economics, Social Sciences &amp; Humanities</td>
<td>SEK 90,000</td>
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SCHOLARSHIPS

Umeå University administers many scholarship programmes. The scholarships offered are in the form of tuition-waivers, and in most cases it is a full-waiver. The scholarships are merit-based intended to attract talented and high-achieving students from outside the EU/EEA. The scholarship selections are made once annually, in conjunction with the autumn terms intake. Additionally, Umeå University also cooperates with The Swedish Institute Study Scholarship programme. The Swedish Institute, a government agency, administers scholarship programmes that cover tuition as well as living costs.

KEY DATES AND DEADLINES

PUT THIS IN YOUR CALENDAR

- **16 October 2017**: Online application period opens
- **15 January 2018**: Admission application deadline at midnight (CET)
- **1 February 2018**: Deadline for receipt of supporting documents and documentation of fee exempt status (if required)
- **6 April 2018**: Notification of Selection Results
- **3 September 2018**: Autumn term begins
ACCOMMODATION

The International Housing Office (IHO) offers student housing to exchange students and degree students that are paying a tuition fee to study at the university. Both Swedish and international students live in the student corridors.

SINGLE-OCCUPANCY
A student corridor is usually comprised of 6-10 single-occupancy rooms in a corridor with a shared kitchen and a common room.

FURNISHED
Bed with mattress, duvet and pillow, desk, desk chair, bookcase, drawers and wardrobe.

CLOSE TO CAMPUS
Housing areas are situated within 20 minutes walking distance or 20 minutes bicycle distance of campus.

TOP-RANKED BY INTERNATIONAL STUDENTS
The International Housing Office at Umeå University has been top ranked globally, for international student satisfaction, according to the International Student Barometer (ISB) 2016.
A GROWING CITY

Umeå is one of Sweden’s fastest growing cities. When Umeå University was inaugurated in 1965 the city had only 40 000 residents. Today, more than 120 000 people live here. The city is also home to many growing companies, mainly in the field of biotechnology, medicine, IT, the environment and energy, and modern forestry and engineering industries.

EXPERIENCE UMEÅ

Umeå is known as the young university city, the culture city, the festival city, the floorball Mecca, and the city of birches. The Umeå region is composed of Umeå and five neighbouring municipalities. Together they have a unique span in which nature and nature activities, culture, history and city life can be easily combined.

A CULTURE CITY

Here you find museums, a sculpture park, an opera and a professional symphony orchestra - but also the music festival Umeå Open, several smaller theatres and an international literature festival, among many other events.

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CLOSE TO NATURE
Experience the Northern Lights, arctic landscape and endless summer nights. Take the opportunity to go fishing, skiing or hiking. Umeå’s proximity to nature offers many possibilities.

EASY TO GET AROUND
In Umeå you’re never really far from anything. The city has over 200 kilometres of bicycle path which makes it easy to get from one part of the city to another.

ACTIVITIES ALL YEAR ROUND
Around Umeå you will find outdoor gyms, fitness and ski trails, equestrian facilities, skate park, ski slopes, training facilities, a curling hall, ice hockey halls and much more.
IMPORTANT STUFF TO REMEMBER
HOPE TO SEE YOU IN UMEÅ

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PHOTOGRAPHERS
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