



Final application dates
for autumn 2011:

15 January

for spring 2012:

15 August

Master's Programmes 2011/2012



Stockholm
University

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How to Use this Catalogue

This catalogue introduces master's programmes for the academic year 2011/2012. The programmes are classified in alphabetical order under each of the University's four main disciplines: **Humanities**, **Law**, **Science** and **Social Sciences**. A complete list of all programmes is available in the index at the back of this catalogue.

More information about each master's programme can be found by following the link under **Application and Information**, which leads to the programme page in the University's study programme database. The database contains more detailed information and a link to the programme's application page in the national applications web site, www.studera.nu. For complete information about each programme visit the departmental website by clicking on the link labelled **Link to education** on the web page in the course database.

Further Information

Complete searchable course database: www.su.se/english/course-database

General information: www.su.se/english

Student guidance: study@studadm.su.se

Welcome to Stockholm University

Stockholm University is one of Sweden's largest institutions of higher education, offering education and research at the highest level. Several of the world's most renowned researchers and scientists are active here, and thousands of students graduate from the University every term, as do many doctoral students. The ability to have contact with researchers, as well as proximity to up-to-date research findings, are just some examples of the quality of education that's on offer at Stockholm University.

New ideas are born and develop best in an open and stimulating environment, and the importance of such a context has



influenced work here since Stockholm University's inception. The University encompasses networks of contacts between researchers in different fields within Sweden and abroad. In addition to this, the University is also a cosmopolitan meeting place for people of different nationalities and backgrounds.

Stockholm University is located in the middle of the world's first national city park, while the inner city is only a few minutes away. Beautiful natural surroundings, historical environs, and access to the dynamism of the capital and Sweden's largest job market are some of the features that make the University unique.

Kåre Bremer



Vice-Chancellor

A World-Leading University in the Capital of Sweden

Stockholm is Sweden's economic centre with the largest gross regional product, and biggest number of multinational companies. What's more, Stockholm is Scandinavia's cultural hub with a unique offering of galleries and museums, international cuisine, and world-renowned music industry. Stockholm's trade and industry are characterized by driven innovation. Of 214 European regions, the OECD has ranked Stockholm the most innovative region in Europe. Approximately a third of all patent applications and risk capital ventures in Sweden are made within the Stockholm region. The majority are within IT, telecom and electronics

Nobel Laureates and Other Pioneers

Stockholm University has a long and glorious academic history. More than a hundred years ago Svante Arrhenius published his work on the greenhouse effect, and became Stockholm University's first Nobel Laureate in 1903. The University's most recent Nobel Laureate was also a meteorologist: Paul Crutzen won a Nobel Prize in 1995 for his research into how the ozone layer is broken down.

Two other researchers from the University have won the Nobel Prize for Chemistry: Hans von Euler-Chelpin (1929) for his work on alcoholic fermentation, and George de Hevesy (1943) for his



industries, but biomedicine and biotech companies are the biggest investors.

When you study at Stockholm University everything the city has to offer is easily within your reach. You're just a few minutes by bus, subway or bicycle from the city centre.

Research and Education at Stockholm University

There are more than 50,000 students and 6,000 faculty working in the humanities, social sciences, law and science at Stockholm University.

Academic standards are extremely high, and the University's research is nationally renowned. What's more, many subject areas are widely recognized internationally as being of the highest calibre. No wonder the University regularly attracts research funding from both national foundations and international funding organisations.

work on the use of isotopes as tracers in the study of chemical processes. In 1974 Gunnar Myrdal won the Sveriges Riksbank Prize in Economic Sciences in Memory of Alfred Nobel for his work on the theory of money and economic fluctuations and for his analysis of the interdependence of economic, social and institutional phenomena. Other key historical figures connected to the University include Sonja Kovalevsky, who became the first female professor in Europe in 1884, and Bert Bolin, professor of meteorology, who was the driving force behind the UN's Intergovernmental Panel on Climate Change (IPCC), and served from 1988 to 1998 as its first chairman.

Master's Programmes at Stockholm University

Stockholm University's faculties of Humanities, Law, Science and Social Sciences together offer over seventy Master's programmes. In this brochure you

will find an overview of the master's courses that you can apply to start in the autumn term, 2011 or in some cases spring 2012.

The University welcomes applications from suitably qualified students for these programmes from Sweden and abroad. To enable this international mix, all classes are taught in English in the master's programmes included in this catalogue.

Careers

A master's degree from Stockholm University qualifies you to take part in further research and development work, as well as advanced administra-

Latest News and Events

Keep updated with news and events at Stockholm University:
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 www.facebook.com/StockholmUniversity

 www.twitter.com/Stockholm_Uni

 www.youtube.com/StockholmUniversity



tion and management. In other words, this makes our master's programmes an excellent foundation should you wish to go on to take one of the doctoral research programmes at Stockholm University or any other university.

You will find a Career Centre at Stockholm University where you can gain help and advice about such things as writing CVs, applying for jobs, interview technique and finding the right job for you. You are, of course, always welcome to contact us with any questions about careers.

Stockholm University Career Centre
Phone: +46 (0)8-16 37 37
E-mail: karriarcenter@studadm.su.se

Stockholm University is one of Sweden's largest institutions of higher education, with more than 50,000 students and 6,000 members of staff—including several of the world's most renowned scientists—offering education and research at the highest level within the humanities, law, science, social sciences and teacher training. The University participates in regional, national and international collaboration, in debate and in social change. Located in the middle of the world's first national city park, yet close to the city centre, Stockholm University is characterised by beautiful natural surroundings, historical environs, and access to the dynamism of the capital and Sweden's largest job market.

A Major Qualification From A Top European University

Liu is one of the new generation of Chinese students flocking to Europe to study as more and more universities are offering courses in English. Liu, who previously worked as a lawyer in China, decided to take a Masters in European Intellectual Property Law to improve his career prospects.

“It’s a massive move coming from China to Sweden,” says Edison Liu, 26. “But I think it is worth it. This degree will really give me the edge when I get back to China. I’ll be able to get a very good job,” says Edison Liu.

The Swedish language course he’s taken made Liu feel more at home but learning Swedish isn’t his

“It’s not just me from China,” says Liu. “There are two other Chinese students in our class of twenty three students. The others come from America, Turkey, Spain, Mexico and Bangladesh as well as Sweden.”

Since he has been in Sweden, Liu has lived in student accommodation just next to the University.

“It’s important to learn about copyright and patents. I want to know what goes in Europe. That way my skills will be very valuable in China.”



Edison Bin Liu studied at Stockholm University January 2008–2009.

priority; Liu’s here to get a major qualification from a top European university.

With digital technology advancing in leaps and bounds, the Law has to keep up. Liu, with no practical experience of European Law until now, is excited to get a European perspective on intellectual property law.

“It’s important to learn about copyright and patents. I want to know what goes in Europe. That way my skills will be very valuable in China.”

The Master’s Programme in European Intellectual Property Law at Stockholm attracts students from all around the world.

“We have our own single rooms, and share a kitchen,” he says. “We often cook together.”

Coming from Beijing, Liu appreciates just how clean Stockholm is. “Stockholm is a beautiful, friendly city. I really like the subway. It’s so easy to get around and explore the surrounding areas,” says Liu. “I haven’t been up north yet, but I want to see more of Sweden.”

See page 22 for more information about the study programme *Master of Legal Science in European Intellectual Property Law*.

A Top Destination for Graduate Students

Neda Keshavarzi is currently studying for a Master's Degree at the Department of Materials and Environmental Chemistry.

"I came here from Iran because I was attracted to studying at a top European department," says Neda.

Along with students from Bangladesh, Pakistan, China and Sweden Neda is taking a two-year master's programme in the department. "The level of teaching and the facilities here are excellent," says Neda, who has her own desk in a shared room in the department with other students.

As part of her studies she is taking both a number of taught courses and undertaking a research project. "I'm getting a solid grounding in materials chemistry

has also spent plenty of time learning Swedish. "Although Swedish isn't necessary to follow my classes in the Department of Materials and Environmental Chemistry—everything is taught in English—I've taken the free language courses at the University to learn Swedish," says Neda. "I believe it's important to know the local language to better understand Swedish culture."

With the introduction of fees for non-European international students in 2012, Neda remains positive that Stockholm University has plenty to

Neda Keshavarzi is currently studying for a Master's Degree at the Department of Materials and Environmental Chemistry.

"I've taken the free language courses at the University to learn Swedish."



as well as considerable experience using updated science and technologies available at Stockholm University," says Neda. "This is an excellent opportunity for me as a graduate student to learn and develop."

Despite the fact that the winter in Sweden can be cold, Neda is very positive about living in Stockholm and studying at Stockholm University.

"The facilities are excellent and renting a student room on campus has also given me a chance to get to know other students," she says.

Having now spent almost a year in Sweden, Neda

offer. What's more, she hopes to stay on and eventually take her PhD at the department.

"The Department of Materials and Environmental Chemistry is an exciting centre of research with some outstanding supervisors," Neda says. "By working here I really feel that I am building a solid basis for my future career—wherever that takes me."

See page 37 for more information about the study programme *Master's Programme in Materials Chemistry*.

Leading Research Areas

Research at Stockholm University within the humanities, law, social sciences and science is outstanding in many areas, contributing both to our understanding of the world around us and to its continued improvement. Our research maintains a high standard within a wide range of subjects, enabling our researchers to develop an increasing cross-disciplinary cooperation. Fifteen research areas have been specially chosen to profile the University.

Leading Research Areas – Humanities, Law, and Social Sciences

Bilingualism and Second Language Acquisition

Second language acquisition research focuses on people's abilities at different ages and in different situations to learn languages other than their 'mother tongue', which increases our understanding of the language problems faced by immigrants, as well as many other issues.

A nationally-leading research programme on 'High-level Proficiency in Second Language Use' has received substantial long-term funding support from the Bank of Sweden Tercentenary Foundation (Riksbankens Jubileumsfond).

Philosophy and Linguistics

Research in philosophy and linguistics extends our knowledge of how we express ourselves and how we understand one another. Philosophy tackles essential questions about language and thought, while linguistics deals with empirical questions such as the sound systems of languages and language typology. At Stockholm University there are eighteen full professors in philosophy and linguistics.

Economic, Health and Social Inequality

A number of institutes linked to Stockholm University are researching the motivation and consequences of social inequalities, including the investigation of individual, political, and institutional aspects of these issues. Through the utilisation of unique databases, such research is able to investigate the patterning of social, economic and health inequalities, including, for example, how differences in life expectancy are influenced by education or income.

Transnational Anthropology

Current patterns of globalisation bring with them unprecedented movements of people, information, ideas, and cultural products across national bound-

aries. The field of transnational anthropology studies how cultural movements and human relations express themselves in different parts of the world. This in turn helps illuminate such phenomena as migration, international organisations, and the Internet, in terms of their global impact and the processes of globalisation worldwide.

Commercial Law, Intellectual Property Law and Law and Informatics

Research on business law and insurance law at Stockholm University has made important contributions to the development of the Swedish legal system. In addition, research on intellectual property law, including copyright and patents, and informatics, dealing with the computerised storage and transmission of information, is another area of major importance.

Archaeology and History

With fourteen full professors active in these areas as well as a unique archaeological laboratory, Stockholm University provides an outstanding milieu for research on people's living conditions and social history from ancient times to the present. Research in such areas utilises not only texts but also artefacts and other materials bequeathed from the past.

Cinema Studies

Research on cinema studies at Stockholm University has a strong international profile. It is focused on motion pictures in various forms, the contexts they inhabit, and the mechanisms that influence our changing media habits. Through collaboration with the Swedish Film Institute and the Bergman Archive, which was lauded by UNESCO for contributing to 'the memory of the world', researchers at Stockholm University have access to unique archive material of immense international interest.

Political Economics

Stockholm University has a number of expert researchers working in this field, with research related to the similarities and differences between the political economies of different eras and different societies. Many researchers have links with Stockholm's renowned Institute for International Economic Studies, which has an established track record in front-line research both in Sweden and internationally.

Cognitive and Social Aspects of Ageing

When we age, our memories and ability to learn are affected. At Stockholm University, researchers are conducting internationally outstanding research on the causes and effects of such processes through large-scale investigations of large populations. One major aim of such studies is to identify the early signs of dementia, as well as identifying those social conditions that might protect or endanger the vitality of the elderly.

Leading Research Areas – Science

The Molecular Biology of the Genome

Genomics and gene expression is a major research focus of the Faculty of Science at Stockholm University. Several groups study genome replication and DNA repair in model organisms and human cells at the molecular level. The control of gene expression is also central to the molecular understanding of biology. Molecular biologists at Stockholm University explore the mechanisms of gene regulation in animal development, immune responses and cell communication. These studies provide the ground for the development of new applications in agriculture and medicine.

Biomembranes

Biomembranes filter and steer the transmission of information and vital substances at a cellular level, where membrane proteins play a central role. Our research groups bring together a unique combination of theoretical and experimental competence in this area, and are working together to chart the structure and function of membrane proteins. The results of this research have important implications for the future development of medicines to treat a wide variety of diseases.

Quantitative Biomodelling: Molecules to Populations

Through the use of robust and well-constructed mathematical models, it is possible to predict how biological systems react dynamically to inner or outer changes. At Stockholm University, research on such models is taking place across a wide swathe of areas. Researchers have access to unique experimental and population-based data as well as super-computer facilities, and are currently producing research of the highest international quality.

Astrophysics and Particle Physics

Our knowledge of mass and material is incomplete. Many extreme conditions in the universe, for example, dark matter, dark energy, and the origin of supernovae and black holes, demand further investigation. Research at Stockholm University, including work using large-scale particle-accelerators (CERN), telescopic and satellite studies, has produced groundbreaking internationally acknowledged results.

Climate and Environment

The most comprehensive research programmes in Sweden on climate and the environment are based at Stockholm University, utilising both contemporary and historical data, as well as promoting internationally-outstanding environmental research on the world's eco-systems. This research is of crucial importance for the protection of our future climate, environment, and health.

Material Chemistry and Organic Chemistry

The aim of material chemistry is to produce new materials with unique characteristics, through research based on chemical principles. At Stockholm University, researchers are conducting internationally-outstanding research on new catalytic reactions. This knowledge is applied in a hybrid materials project where metal catalysers are encapsulated in porous material, leading to the creation of new types of material, a number of which have been produced by our researchers in recent years.

An International Outlook

Tessa Bold is currently Assistant Professor at the Institute for International Economic Studies (IIES). Originally from Bonn, Germany, Tessa spent ten years in the UK before coming to Stockholm after completing her PhD at Oxford.

“I was looking at various options and was invited here for an interview. I really fell in love with the department and the city and it was easily the place I liked best”, says Tessa.

A specialist in Development Economics, Tessa’s work focuses on developing countries. “I’m particularly interested in things to do with risk sharing, insurance and safety nets, as well as public service delivery in education,” explains Tessa. “Most of these things don’t work well in developing countries

important to me that IIES had an international outlook. But more importantly, there’s a lot of opportunity for professional development here. We have generous research funding, IIES invites lots of extremely high calibre speakers here throughout the year, and there are also opportunities to do research abroad. There are also some outstanding researchers working in the field already based in the Institute.”

Perhaps reflecting the international flavour of the



Tessa Bold is Assistant Professor at the Institute for International Economic Studies (IIES).

“The trouble is it can be difficult to learn Swedish because Swedes like speaking English so much. They’re also very good at it.”

a terrific department and we have many key researchers working within my field. I really enjoy being a member of this community,” she says.

“Coming here from Oxford University it was

but the marginal benefit from improving them is pretty big.”

Currently teaching a course for doctoral students, as well as continuing her research, Tessa remains as enamoured with the department and Stockholm as when she first arrived a year ago. “IIES is a

department, Tessa teaches solely in English at present. “There are people from Japan, Hungary, and Sweden here, as well as Germans, quite a few Italian doctoral students and students from Australia and Canada. It really gives a strong sense that this is an international department.”

Although the working language of the department is English, Tessa isn’t adverse to eventually teaching in Swedish. “The trouble is it can be difficult to learn Swedish because Swedes like speaking English so much. They’re also very good at it. Even if you go into a 7-Eleven or whatever you can speak English without any problem.”

Excellent Research Climate

Torkild Thanem is Director of Graduate Studies and in charge of the doctoral and master's programmes at the School of Business, which is based at Kräftriket – one of the most striking areas of the University. Originally from Trondheim, Norway, Torkild received his doctorate in organisation theory from the University of Warwick (UK).

“I came to Stockholm University in 2002 and really enjoy working here,” Torkild says. “The people here are pleasant and intelligent, and there is a lot of intellectual freedom. At the same time there is great interest in constantly improving the school, both in terms of education and research. There are a lot of interesting people to talk to and plenty of opportu-

The department also has collaborations with partners around the globe including Copenhagen Business School, Aston Business School (UK), The University of Manchester and Turku School of Economics (Finland). “For academics I think this is an excellent research climate,” says Torkild. “Staff are very positive and encouraging and there’s



Torkild Thanem is Director of Graduate Studies at the School of Business, Stockholm University.

nities to influence what is going on, which I really appreciate.”

The department offers a number of two-year full-time master's programmes in business administration, which provide students with the knowledge, skills and capabilities necessary to understand and manage the current and future challenges of business and society.

“Because all the teaching and coursework is in English we attract a considerable number of international students from Europe, Asia, and North America,” says Torkild. “Both at master's and doctoral level.”

Understandably, it's important students applying to these programmes have good English language skills, as well as a strong bachelor's degree. “There are about seventy lecturers and researchers in the School of Business,” says Torkild. “Many are Swedish but we also recruit staff from abroad.”

considerable room for intellectual development within the Business field.”

Research is centred on markets and organisations and the people operating in these contexts. As well as contributing to scholarly knowledge the department maintains an important dialogue with the business community, government and society at large.

“Many of our faculty members are internationally recognized for their work in the fields of Accounting, Finance, Management and Marketing,” says Thorkild.

“In terms of teaching and the courses we offer at the master's level, we're have a very strong European focus, which distinguishes us from our American counterparts on the other side of the Atlantic.”

“There is great interest in constantly improving the school, both in terms of education and research.”

The University in the Capital – Active in Debate and Social Change

Stockholm University was founded in 1878 as an alternative to the traditional universities. Now as then, the University stands for openness and accessibility, and it continues to have an active role in society.

1884

Viktor Rydberg

Stockholm University
College's first professor
of cultural history.

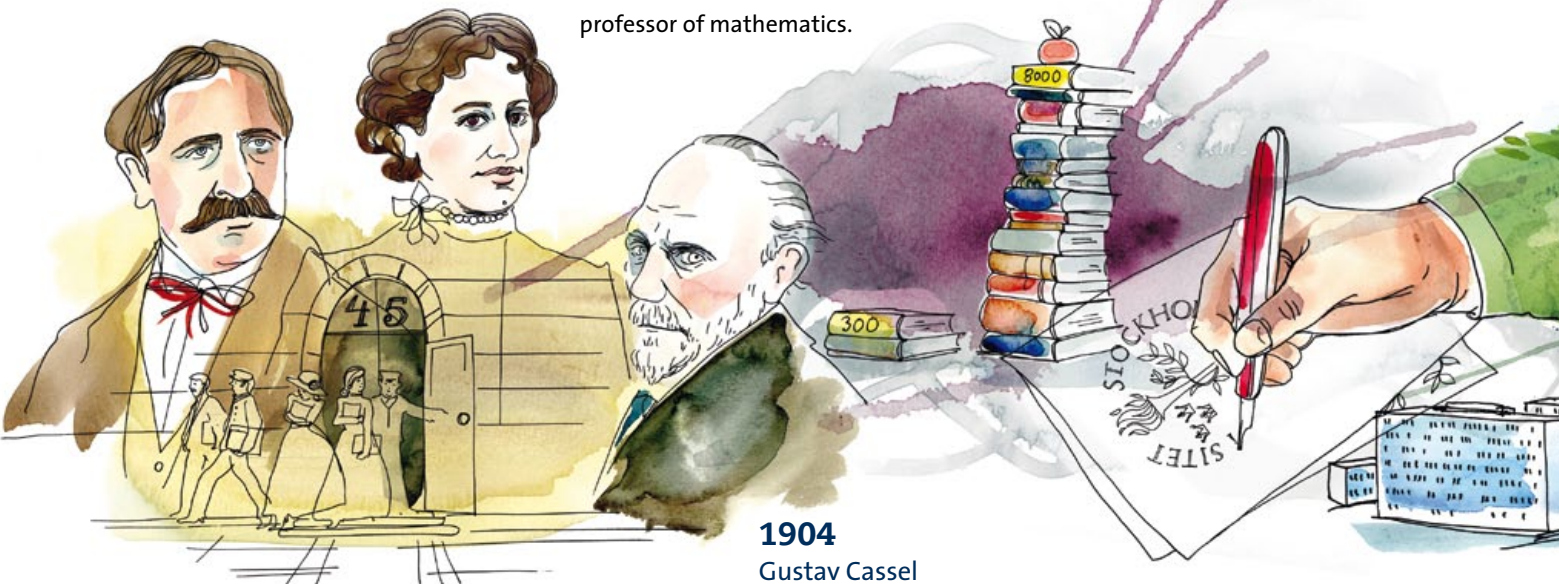
1889

Sonja Kovalevsky

Sweden's first female professor
and the world's first female
professor of mathematics.

1907–1960

The number of students increases
from 300 to almost 8,000.



1904

Gustav Cassel

Stockholm University College's
first professor of economics.

1878

Stockholm University
College Founded

Stockholm University College is established as a counterweight to the traditional universities in Uppsala and Lund. In the autumn of 1877 the first public lectures are held in the School of Crafts' building on Mäster Samuelsgatan. Lectures are held in mathematics, physics, chemistry and geology, and soon after in cultural history and economics. The tradition of public lectures continues to this day.

University and City in Collaboration

In 1904 Stockholm University receives the right to award degrees. The issue of degree-awarding powers is driven forward by the city council, resulting in the city becoming a funder. The idea of an economically independent university college is abandoned and collaboration with the city increases. The city would like the University College to offer legal education, as there is a shortage of lawyers. The law programme at Stockholm University is today Sweden's largest and most applied-for study programme.

1960

University College
becomes University

After several years of investigations and reforms Stockholm University College receives university status in 1960, and thus becomes a part of the overall investment in education and research that characterizes the post-war period. In retrospect, it is clear that nationalization was a prerequisite for the University to grow at the pace that the new era demanded.

1970

The move to Frescati starts to take off.

1995

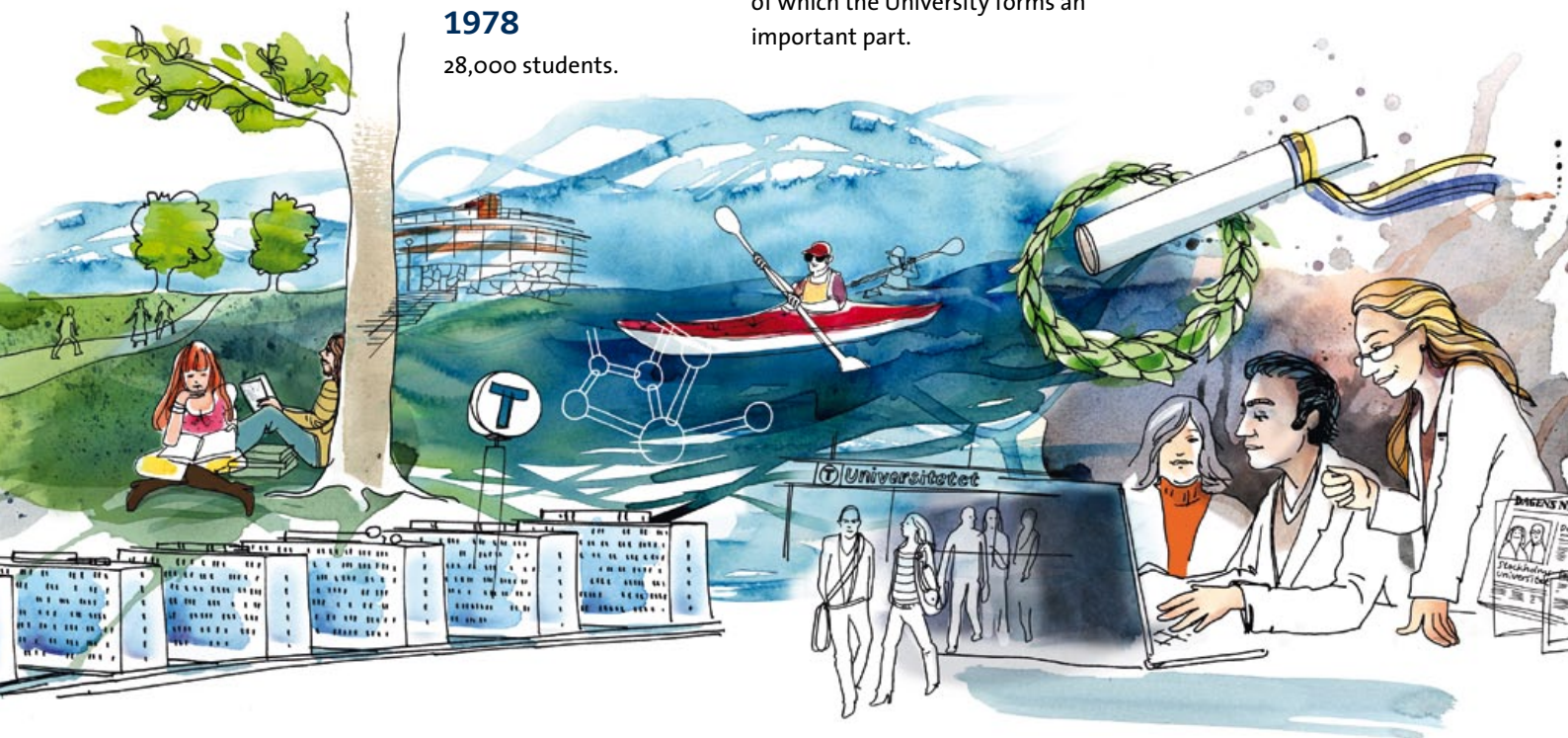
The National City Park is formed, of which the University forms an important part.

2010

More than 50,000 students.

1978

28,000 students.



Student Explosion and Congestion

The sharp increase in the number of students during the 1960's makes facilities around Observatory Hill overcrowded and there are no opportunities to expand within the city. During the 70's both the College of Journalism and School of Social Work become part of the University. In 1970 the great exodus to Frescati begins, with the purpose of gathering all activities in a single location.

National City Park

Stockholm University lies in the world's first national urban park, with the city just minutes away. The mix of natural beauty, historical environs, access to the labour market and nearness to culture and entertainment is unique to Stockholm University.

Sweden's Largest University

In 2008 the Stockholm Institute of Education becomes part of Stockholm University. After 50 years of expansion, the University has today more than 50,000 students and 6,300 employees. Students can choose between 200 programmes and 1,900 courses – all with strong links to research. Stockholm University is home to the country's most substantial research within the natural sciences, the humanities and social sciences, as well as the location of a number of internationally prominent research environments.

Study with Us

A simple step-by-step guide to applying to study at Stockholm University:

1. Find a study programme in this catalogue
2. Check that you meet the admission requirements for the programme you have chosen
3. Apply online by following the link that accompanies each programme description
4. Send your documents to the Swedish National Admissions Office
5. You will be notified of the results of the selection process via www.studera.nu/english

For complete information regarding how to apply to institutes of higher education in Sweden, see www.studera.nu/english

Fees

Higher education in Sweden is free for students coming from the European Union (EU), the European Economic Area (EEA) and Switzerland, so these students do not need to pay the application fee nor tuition fees.

For students coming from outside the EU/EEA/Switzerland, application and tuition fees will apply from the autumn semester 2011.

There are some exceptions to this general rule. Students that have already commenced their studies before this period will not be required to pay fees. Likewise, exchange students are also exempted from fees.

More information about who should pay fees is



General Eligibility

A requirement for all master's programmes is the possession of a bachelor's degree or equivalent from an accredited institution of higher learning, corresponding to at least 180 credits in the European Credit Transfer System (ECTS).

Specific Eligibility

The specific requirements vary between programmes. Most programmes require students to have completed a major subject, including an extended essay or project, as part of a bachelor's degree. Likewise, most programmes also require a very good command of English equivalent to English B (Swedish Upper Secondary School course). For more information check the admission requirements on the page of the specific programme you are interested in studying.

available on the official website for applications to higher education in Sweden, www.studera.nu/english

Application Fee

The application fee is SEK 900. There is no application fee for students coming from the European Union EU/EEA and Switzerland.

Tuition Fees

The cost for full-time studies in the humanities, social sciences, and law is from SEK 90,000 per year, whilst the cost of studying subjects with the sciences is SEK 140,000. There are no tuition fees for students coming from the European Union, EEA and Switzerland. More detailed information is available on the relevant webpage for each programme.

Student Union Fees

Membership in the Student Union is no longer compulsory in Sweden. Many students, however,

continue to pay membership fees in order to enjoy the benefits that membership brings. The fee is currently SEK 80. Up-to-date information can be found on the Student Union's website: www.sus.su.se/en

Study Loans

Grants and students loans are available from the Swedish National Board of Student Aid (CSN) to those students who meet the relevant criteria. Information in English on the rules for entitlement for this kind of funding is detailed in the article *If you are a foreign citizen* available on CSN's website: www.csn.se/en

Scholarships

In association with the introduction of fees for students from outside of the EU/EEA/Switzerland,

Credits and Degrees

Swedish higher education institutions have a degree structure compatible with European standards. Sweden uses a system of credits called högskolepoäng (Higher Education Credits), written simply as Credits in this catalogue, which is compatible with the European Credit Transfer and Accumulation System (ECTS). Under the Swedish system, one academic year of full-time studies (60 Credits) is equivalent to 60 higher education credits (60 ECTS). www.studyinsweden.se/How-To-Apply

Cost of Living

Students are responsible for the purchase of study materials and for living costs, such as accommodation, weekly groceries, etc. Information about the cost of study materials is available from individual departments at the University. Costs may be



Contact

Admissions Office

Phone: +46 8 16 49 89, Tuesdays 10–12^{AM} (Swedish time)
Visitors: Thursdays 10–12^{AM} (Swedish time)
Student Office, Stockholm University
Further information: www.su.se/english

Study and Career Counselling

Phone: +46 8 16 28 45, Mon–Fri 10–12.30^{AM},
Tuesdays 16–18^{PM} (Swedish time)

the government has established two new scholarship schemes, in addition to existing schemes.

The first scheme is aimed at students in the twelve countries that Sweden has a long-term development partnership with. These countries are Bangladesh, Bolivia, Burkina Faso, Cambodia, Ethiopia, Kenya, Mali, Mozambique, Rwanda, Tanzania, Uganda, and Zambia. These scholarships cover all costs and are administered by the Swedish Institute. For more information see www.studyinsweden.se/Scholarships.

The second scholarship scheme is aimed at especially qualified students coming from countries outside of EU/EEA/Switzerland. Central funding is distributed to universities and university colleges, which then award funding to individual students. These scholarships cover only tuition fees, which means that students will need to cover their own living costs. For more information see www.su.se/english/scholarships.

covered with students' own funds, by parents, or by loans, grants or scholarships.

www.studyinsweden.se/Living-in-Sweden/Cost-of-living

Exchange Programmes

Contact your home university for information about becoming an exchange student at Stockholm University, or see the University's website: www.su.se/english/study/exchange-students

Visa and ID

Nationals of the EU/EEA and Switzerland do not require visas to study in Sweden. Nationals of non-EEA countries must apply for visas to study in Sweden. As the visa process can take up to several months, applicants are encouraged to apply in good time.

Visas are issued by the Migration Board (Migrationsverket). For more information see www.migrationsverket.se.

Master's Programmes within the Faculty of **Humanities**

Humanities can be defined as the study of people as cultural beings. Human development from pre-historical times up until today; fragments, texts and artefacts that convey thoughts and ideas from earlier epochs and foreign cultures; today's arts and media that influence our ways of thinking and living; the study of languages and general linguistics – all of this, and much more, is in focus within the humanities.

The Faculty of Humanities offers courses and programmes in more than thirty different languages – encompassing many of the world's major languages and most of the official languages within the EU – and in more than thirty other disciplines, including archaeology, ethnology, history and philosophy, as well as in aesthetic fields, such as film, art, literature, fashion, cinema, and journalism, media and communication.

The Faculty of Humanities has received praise on a national level for the outstanding quality of its education. Research within the humanities is of an equally high calibre, and many scholars of international standing are active within the Faculty. Students at all levels will meet some of Sweden's best scholars and teachers and receive a university education of the highest class.

Contents:

- Master's Programme in Cinema Studies
- Master's Programme in Dance Studies
- Master's Programme in Fashion Studies
- Master's Programme in Language Sciences with Specialisation in English
- Master's Programme in Language Sciences with Specialisation in General Linguistics
- Master's Programme in Literature, with Specialisation in English Literature
- Master's Programme in Media and Communication Studies
- Master's Programme in Swedish

Master's Programme in Cinema Studies 120 credits

The programme is taught by departmental staff and visiting professors, who conduct cutting edge research in the histories, aesthetics, and cultures of cinema and the moving image. The programme is designed to advance knowledge and understanding of cinema and the moving image through two compulsory core courses on theories, methods and research skills. In addition, students are offered optional courses in key areas of expertise: national, transnational and intercultural considerations with regard to the moving image; screen cultures in transition; questions of gender, sexuality, and ethnicity in the study of audiovisual media; and cinema before sound. At least one of the optional courses

offered in each academic year focuses on Swedish or Nordic cinema.

The two-year programme features intensive teaching, individual supervision of thesis work and work-in-progress seminars. Students may complement their degree with courses offered at master's level by other departments or by partner universities. The programme is supported by the resources of the Swedish Film Institute, the National Library of Sweden, the Ingmar Bergman Foundation, museums, and libraries, and may lead to creative, administrative and/or policy-making careers in film, television, publishing, and archives.

Admission Requirements:

Applicants are required to have a Bachelor's Degree in Cinema Studies or equivalent and should also be proficient in writing academic English.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written test part). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/search/info/HCINO/en>

Email: internat@mail.film.su.se

Master's Programme in Dance Studies 120 credits

The programme consists of four semesters of full-time study and is run jointly with the University of Copenhagen, the Norwegian University of Science and Technology (NTNU) in Trondheim and the University of Tampere under the title: "NoMAAdS - Nordic Master of

Arts degree in Dance Studies". The course consists of six obligatory courses (75 credits), 1-2 option courses (15 credits in total) and an obligatory assessed written essay module (30 credits).

Admission Requirements:

Applicants should hold a Bachelor's Degree in Performance Studies, or equivalent.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: IELTS: 6.0 (with no part of the test below 5.0); TOEFL (incl. TWE): 550 (paper based); 213 (computer based); 79 (internet based).

Application and Information: <http://sisu.it.su.se/search/info/HNMDO/en>

Email: maarit.hamalainen@mups.su.se

Master's Programme in Fashion Studies 120 credits

The two-year programme is taught by both faculty at the Centre for Fashion Studies and visiting professors, all of whom conduct fashion related research in various fields such as art history, marketing, comparative literature, anthropology, cinema studies, sociology, performativity studies, history and economic history. The programme is designed to advance knowledge and critical approaches to fashion as an aesthetic, cultural, economic and social phenomena, and to enhance students' capacity for academic inquiry while problematising and critically reflecting on representations and meanings of fashion, as well as on fashion studies as an academic discipline.

The programme features intensive teaching, workshops, seminars, museum visits, individual supervision of thesis work and work-in-progress seminars. The programme is supported by the resources of museums and libraries and may lead to creative, administrative and/or policy-making careers in fashion journalism, in the fashion industry, in film and television, in publishing, in advertisement and in archives.

The programme consists of two one-year courses of 60 credits each. Applications to the programme should be made via the page entitled Magister Course in Fashion Studies. (See Application and Information below.)

Admission Requirements:

Applicants are required to have a Bachelor's Degree or equivalent and should also be proficient in writing academic English.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written test part). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/search/info/FS7000/en>

Email: katarina@fashion.su.se

Master's Programme in Language Sciences with Specialisation in English 120 credits

The Master's Programme in Language Sciences with Specialisation in English (English Linguistics) provides an in-depth two-year course of study of the core areas of English linguistics: phonology, syntax, semantics, and Old and Middle English, with optional courses in, for example, sociolinguistics. You will be trained in independent and critical work on linguistic issues, and you will improve your competence in the analysis of language data. The programme aims to extend and develop students' knowledge in their chosen field of study, as well as strengthening their inter-disciplinary knowledge of scientific theory, ethics and research methodology. The training consists of compulsory courses that are common to the whole programme, compulsory courses in the main field of study, as well as

optional courses from a pool of courses offered by departments from the Faculty of Humanities. Your work with the master's thesis will develop your ability to conduct a linguistic investigation, analyse and discuss your observed data, and produce a scientific text in adequate English.

The programme, which provides detailed knowledge and skills, may serve as preparation for Third Level studies (PhD level) in linguistics, or for a professional career in connection with language: in schools and higher education, work in archives and museums, libraries, publishing companies, domestic and international administration (e.g. in the EU), journalism, interpretation and translation.

Admission Requirements:

A Degree of Bachelor of Arts, including 90 ECTS credits (major) in a discipline related to the course (English Linguistics).

Applicants' knowledge of English must be documented by an international proficiency test (TOEFL test) including TWE with a minimum of 630 (paper) 267 (computer) or 109 (internet) or Cambridge Certificate of Proficiency or IELTS test with a minimum of 7.5 (and no module under 7), or the equivalent.

Application and Information: <http://sisu.it.su.se/search/info/HSPVO/ENGE/en>

Email: ma@english.su.se

Master's Programme in Language Sciences with Specialization in General Linguistics 120 credits

The Master's Programme in the general linguistics specialization offers a comprehensive two-year course of study of core areas in general linguistics, phonetics and computational linguistics: linguistic theory and methodology, scientific methods and research ethics, field linguistics, statistical analysis, usage-based linguistic models, and with optional courses in, for example, typology (phonetic, grammatical, lexical), children's early language acquisition, phonetic theory, corpus linguistics, etc. The training is conducted in close collaboration with the phonetics laboratory of the department, providing unique opportunities for students to follow development and research on the cognitive mechanisms that underlie language and language use. The course ends with a 30 credits essay where students are given an opportunity to design and conduct a scientific investigation with the assistance of a supervisor.

The programme aims at extending and deepening students' knowledge in their chosen field of study, as

well as strengthening their interdisciplinary knowledge of scientific theory, ethics, and research methodology. The training consists of compulsory courses that are common to the whole programme, compulsory courses in the main field of study, as well as optional courses from a pool of courses offered by departments from the Faculty of Humanities. Your work with the master's thesis will develop your ability to conduct a linguistic investigation, analyse and discuss your observed data, and produce a scientific essay.

The programme, which provides advanced knowledge and skills in the language sciences, may serve as preparation for PhD studies in language studies, or for a professional career in connection with language: in schools and higher education, work in archives and museums, libraries, publishing companies, domestic and international administration (e.g., in the EU), journalism, interpretation and translation. The programme is open to both Swedish and international students who meet the academic requirements for admission.

Admission Requirements

A Degree of Bachelor of Arts, including 90 ECTS credits (major) in a discipline related to the course (General Linguistics).

Applicants' knowledge of English must be documented by an international proficiency test (TOEFL test) including TWE with a minimum of 630 (paper), 267 (computer) or 1109 (internet) or Cambridge Certificate of Proficiency or IELTS test with a minimum of 7.5 (and no module under 7), or the equivalent.

Application and Information: <http://sisu.it.su.se/search/info/HSPVO/LING/en>

Email: ma@english.su.se

Master's Programme in Literature, with Specialisation in English Literature 120 credits

Within the English Literature specialisation of the Master's Programme in Literature you will develop advanced skills of analysis and interpretation of literature written in English, which will lead to a substantial publishable scientific thesis. In addition you will gain a deeper understanding of specific literary issues within this world literature, as well as learning to use advanced methods for the exploration of the text's own worlds and its relation to, for example, history, politics and ethics. The theoretical level of the courses within the programme is high; at the same, you will develop a practical ability to discuss and present literary and cultural issues. Both within the department and

beyond there is a rich choice of courses to choose from, upon which you can build a strong master's thesis within the area of literary studies.

Giving an international and transnational perspective, the programme qualifies students for doctoral studies in the field, but is also useful for work outside of the university. This is especially the case in fields where there is a demand for knowledge about the significance of language for communication and social development, and which require international broad-mindedness, historical competence and the ability to deal with complex information in a systematic and critical fashion.

Admission Requirements:

A Degree of Bachelor of Arts, including 90 ECTS credits (major) in a discipline related to the course (English Literature).

Applicants' knowledge of English must be documented by an international proficiency test (TOEFL test) including TWE with a minimum of 630 (paper) 267 (computer) or 109 (internet) or Cambridge Certificate of Proficiency or IELTS test with a minimum of 7.5 (and no module under 7), or the equivalent.

Application and Information: <http://sisu.it.su.se/search/info/HLIVO/ENGE/en>

Email: ma@english.su.se

Master's Programme in Media and Communication Studies 120 credits

The Master's Programme in Media and Communication Studies offers advanced theoretical and methodological knowledge of the subject area. The programme focuses upon current theory and method discussions within international research. Relevant research from within the department is presented during the programme. Study modules consist of individual essays and seminar tasks.

The first semester is devoted to discussion of media theories. Attention is focused on current theoretical and empirical research that ascribe an important role to the media in cultural, political and economic globalisation, as well as on theories of media, class, gender and ethnicity that shed light on how the media represent and contribute to orders of class, gender and ethnicity

in society and culture.

The subsequent two semesters contain method courses and specialisations. These include mandatory faculty courses. A comprehensive method course is completed with a pilot study in preparation for the writing of the thesis. Specialised courses are also offered, such as popular culture and journalism studies. Students may also choose a course offered by another department.

The final Master's thesis work is carried out and assessed during the fourth semester. The programme qualifies students for a professional career within the media industry, for independent research work, or for doctoral studies.

Admission Requirements:

A Bachelor's Degree, including at least 90 ECTS credit points in Media and Communication Studies, including independent writing of at least 15 ECTS credits, or equivalent. The applicant's Bachelor's thesis or other research paper as well as a letter of intent must be sent directly to the Department of Journalism, Media and Communication (JMK).

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: IELTS: 6.0 (with no part of the test below 5.0); TOEFL (incl. TWE): 550 (paper based); 213 (computer based); 79 (internet based).

Application and Information: <http://sisu.it.su.se/search/info/HMOKO/en>

Email: birgitta@jmk.su.se

Master's Programme in Swedish 120 credits

The Master's programme is aimed towards students who wish to continue studies in Swedish and advance their training in producing new knowledge about the Swedish language on an informed basis, in order to be able to independently identify and formulate linguistic problem positions, systematically gather and analyse data that illuminates these questions, and present and evaluate the results.

The programme contains three types of courses: compulsory courses (45 credit points); elective courses (45 credit points), and two dissertations (15 credit points each). The compulsory courses combine elements common to the Faculty of Humanities and the Master's Programme in Linguistics, with courses specific to the Master's Programme in Swedish. Optional courses include general courses in linguistics as well as in-depth courses within the specific area of Swedish/Nordic languages. Students can choose to focus their studies around Swedish, Swedish as a Second Language, or

Nordic languages with a historical focus. The two dissertations represent the programme's examination. The second dissertation is designed appropriately as a widening or deeper study of the first dissertation. The work may have a connection to a practical work placement.

The Master's Programme in Swedish prepares students for work within areas such as theoretical language knowledge, and where skills of analysis are especially useful, such as within the areas of information, communication, advertising, translating, research, library, publishing and archiving. The dissertations within the programme qualify students for research education in Nordic languages.

The programme is given primarily in Swedish, but some tuition may be given in English. The programme is aimed towards students with a Bachelor's Degree from either Swedish or international universities.

Admission Requirements:

Applicants should hold a Bachelor's Degree in Swedish, Swedish as a Second Language or Nordic Languages, or equivalent.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: IELTS: 6.0 (with no part of the test below 5.0); TOEFL (incl. TWE): 550 (paper based); 213 (computer based); 79 (internet based).

Application and Information: <http://sisu.it.su.se/info/index/HSVEO/en>

Email: eva.bogren@nordiska.su.se

Master's Programmes within the Faculty of Law

The study of law is the science of the interpretation and application of rules concerning rights and obligations in a broad sense. Students of jurisprudence learn special methods that are required for interpreting and applying law – a knowledge that can be applied to solve legal problems. Modern study of law at Stockholm University deals with all international aspects of law, such as, for example, European law and human rights issues.

Today's education in the study of law therefore provides many opportunities to work with international questions. Law studies moreover stimulate students' independent, analytical thinking ability, and the capacity for students to express themselves both orally and in writing.

Society is in constant change and this leads to the ongoing creation of new areas of work for lawyers. Education within the Faculty of Law at Stockholm University provides broad skills and enables students to choose from a wide range of career paths.

Contents:

- Master of Legal Science (60 credits) in Environmental Law
- Master of Legal Science (60 credits) in European Intellectual Property Law
- Master of Legal Science (60 credits) in European Law
- Master of Legal Science (60 credits) in International Commercial Arbitration Law
- Master of Legal Science (60 credits) in Law and Information Technology

Master of Legal Science in Environmental Law 60 credits

This new Master's programme focuses on environmental law in transboundary contexts. Environmental law has become increasingly transboundary in character, as reflected in the development of EU and international environmental law on issues such as climate change and the protection of human health, watercourses, marine areas, nature and biodiversity – all matters that are part of this programme. The programme also considers the development of general notions and principles of environmental law and governance, and includes comparative elements. Moreover, it highlights crosscutting areas such as Environmental Law, Trade and Corporate Responsibility, Environmental Law, Climate and Energy, Environmental Law and Human Rights

and Environmental Law and Socio-ecological Resilience.

The first half of the programme consists of two courses (ten weeks each): one in environmental law across state borders; and one with in-depth studies in the mentioned crosscutting areas. The forms of teaching in these two courses differ (classes, seminars, short essays and practical assignments, and teaching by external lecturers and experts), but the courses generally require active participation by the students. In the second half of the programme, while writing a master's thesis, the students also participate in seminars and take part in a comprehensive mock-negotiation on a current environmental matter, where they learn how to apply practically their theoretical skills.

Admission Requirements:

Bachelor of Laws Degree, or an equivalent overseas law degree of at least 180 ECTS credit points (a three-year degree).

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: (A or B); IELTS: 6.0 (with no part of the test below 5.0); TOEFL (incl. TWE): 600 (paper based); 250 (computer based); 90 (internet based).

Application and Information: <http://sisu.it.su.se/search/info/JENVM/en>

Email: MasterEnvironment@juridicum.su.se

Master of Legal Science in European Intellectual Property Law

60 credits

Intellectual Property (IP) Law has historically been an international discipline, as compared to other traditional areas of private law. The Internet and other forms of international telecommunications clearly demonstrate that IP rights do not recognise national borders. Another important internationalising factor is the gradual development of a European Community IP regime. This new body of law is gradually having a unifying effect on the national European IP laws. Legal disciplines have become more sophisticated and complex in recent times, a change which is also reflected in the area of IP Law. Specialisation in this area of practice is not only desirable; it is essential. Qualified IP lawyers have excellent employment market prospects.

Classes in the master's programme are led by renowned Nordic researchers composed of professors (Jur. Dr.) and doctoral students (LL.M.) specialising in their respective fields.

The programme in European Intellectual Property Law is structured to enable a certain amount of distance learning/commuting, with lectures and obligatory seminars every second weekend. The programme encompasses a total of 60 credit points, of which 30 credits comprise a thesis. All students take one compulsory course (15 credits) and choose two elective courses (7.5 credits each) from the six courses offered, thereby giving them an opportunity to specialise in specific areas of IP law.

Admission Requirements:

Bachelor of Laws Degree, or an equivalent overseas law degree of at least 180 ECTS credit points (a three-year degree).

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: (A or B); IELTS: 6.0 (with no part of the test below 5.0); TOEFL (incl. TWE): 600 (paper based); 250 (computer based); 90 (internet based).

Application and Information: <http://sisu.it.su.se/search/info/JEUIM/en>

Email: MasterIPLaw@juridicum.su.se

Master of Legal Science in European Law 60 credits

The Master's programme in European Law offered at Stockholm University is a one-year course of study. It is open to postgraduate students with a degree in law, who wish to expand their knowledge of European law. The principal topic of study is the legal system of the European Union.

Courses within the programme consist mainly of seminars, aimed at providing students with skills necessary for their future work as either practitioners or researchers in European law. This is achieved by teaching students various ways in which to identify legal problems and generate solutions. Issues of practical interest are therefore interwoven with scholarly consideration of various legal problems. The case law developed by the European Court of Justice is given particular attention. This approach requires active participation on the part of students, in the form of a

number of papers that must be submitted during the year, involvement in case studies, and participation in the annual Moot Court Competition, where outstanding students are given the opportunity to represent the University in the International European Moot Court Competition. Normally, only around thirty students are admitted to the programme each year. There is a strong demand in the employment market for lawyers qualified in European Commercial and Competition Law.

The courses are taught by professors and researchers who are specialists in their respective fields. Students write an independent master's thesis on a topic within the field of European law under the guidance of a personal supervisor, normally a professor at the Department of Law. Studies are full-time, and attendance at lectures and seminars is mandatory.

Admission Requirements:

Bachelor of Laws Degree, or an equivalent overseas law degree of at least 180 ECTS credit points (a three-year degree).

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: (A or B); IELTS: 6.0 (with no part of the test below 5.0); TOEFL (incl. TWE): 600 (paper based); 250 (computer based); 90 (internet based).

Application and Information: <http://sisu.it.su.se/search/info/JEULM/en>

Email: MasterEULaw@juridicum.su.se

Master of Legal Science in International Commercial Arbitration Law 60 credits

Stockholm has long been recognised as a leader in the field of arbitration known for hosting arbitration, and home to one of the most respected international arbitration institutes, the Arbitration Institute of the Stockholm Chamber of Commerce. The Department of Law at Stockholm University offers extensive postgraduate programmes and supports specialised institutes that attract students from all over the world. Accordingly, Stockholm is a natural place to engage in intellectually vigorous study of both the theory and practice of international commercial arbitration.

Stockholm University has developed a unique programme in International Commercial Arbitration.

It uses a variety of teaching formats, emphasises student participation in the learning process, and provides opportunities for students to apply theory in simulated arbitration exercises. Students from a broad range of backgrounds participate in a dynamic learning experience, where the multifaceted aspects of arbitration are considered from a range of comparative perspectives and always with an inquiring mind and a hands-on approach. As well as the resources of the Faculty and the University, the programme enjoys the support and contributions of prominent practicing lawyers who are internationally recognised in the field.

Admission Requirements:

Bachelor of Laws Degree, or an equivalent overseas law degree of at least 180 ECTS credit points (a three-year degree).

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: (A or B); IELTS: 6.0 (with no part of the test below 5.0); TOEFL (incl. TWE): 600 (paper based); 250 (computer based); 90 (internet based).

Application and Information: <http://sisu.it.su.se/search/info/JICAM/en>

Email: MasterArbLaw@juridicum.su.se

Master of Legal Science in Law and Information Technology 60 credits

The Master's programme in Law and Information Technology offers law graduates the opportunity to develop their proficiency in the combined fields of law and information technology. The courses included in the programme consist of seminars, classes, practical assignments and study visits to law firms, companies and authorities specializing in the use of Information Communication Technology (ICT) and law. Students are also required to complete two essays on a topic of their choice. Some activities also take place in the computer laboratories of the Department of Law.

The aim of the courses included in the programme is to enable students to develop the skills necessary for their future work as legal practitioners or researchers in their chosen fields. This is achieved by teaching students numerous ways in which to identify problems and generate solutions. Issues of a practical nature are therefore interwoven with a scholastic approach to legal problems, and with practical exercises, using various legal IT tools. This approach requires active participation on the part of students, for example, by completing various IT related tasks and submitting papers.

Admission Requirements:

Bachelor of Laws Degree, or an equivalent overseas law degree of at least 180 ECTS credit points (a three-year degree).

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: (A or B); IELTS: 6.0 (with no part of the test below 5.0); TOEFL (incl. TWE): 600 (paper based); 250 (computer based); 90 (internet based).

Application and Information: <http://sisu.it.su.se/search/info/JRRIM/en>

Email: MasterIT@juridicum.su.se

Master's Programmes within the Faculty of Science

Stockholm University is a highly diverse meeting place for people from all parts of the globe. The University is also home to Sweden's largest science faculty with world-leading research in many areas. When you study within the Faculty of Science, your instructors will be researchers who are actively engaged in their field and your education will benefit directly from the latest research findings.

We offer a wide selection of master's programmes and are certain that you will find one that fits your particular needs, whether you are looking to broaden your knowledge or specialise within one specific area. As a student at Stockholm University you will develop the ability to analyse, solve problems and think independently. These qualities will make you well prepared for and sought-after both on the labour market and in the research world.

The Faculty of Science welcomes applications from international students.

Contents:

- Master's Programme in Analytical Chemistry
- Master's Programme in Applied Mathematics
- Master's Programme in Astronomy
- Master's Programme in Atmospheric Sciences, Oceanography and Climate
- Master's Programme in Biochemistry
- Master's Programme in Biodiversity and Conservation
- Master's Programme in Bioinformatics
- Master's Programme in Biology
- Master's Programme in Biology Earth Sciences
- Master's Programme in Biostatistics
- Master's Programme in Computational Physics
- Master's Programme in Ecology
- Master's Programme in Environmental Chemistry
- Master's Programme in Environmental Protection and Physical Planning
- Master's Programme in Environmental Science
- Master's Programme in Evolutionary Biology
- Master's Programme in Financial Mathematics and Finance
- Master's Programme in Genetic and Molecular Plant Science
- Master's Programme in Geological Sciences
- Master's Programme in Glaciology and Polar Environments
- Master's Programme in Hydrology, Hydrogeology and Water Resources
- Master's Programme in Landscape Analysis with Remote Sensing, GIS and Cartography
- Master's Programme in Marine Biology
- Master's Programme in Materials Chemistry
- Master's Programme in Mathematical Statistics
- Master's Programme in Mathematics
- Master's Programme in Medicinal Chemistry
- Master's Programme in Microbiology
- Master's Programme in Molecular Biophysics
- Master's Programme in Molecular Life Sciences
- Master's Programme in Neurochemistry with Molecular Neurobiology
- Master's Programme in Nutrition
- Master's Programme in Organic Chemistry
- Master's Programme in Peptide and Protein Chemistry
- Master's Programme in Physics
- Master's Programme in Quaternary Science and Climate Development
- Master's Programme in Social-Ecological Resilience for Sustainable Development
- Master's Programme in Theoretical Physics
- Master's Programme in Toxicology

Master's Programme in Analytical Chemistry 120 credits

Analytical Chemistry is a discipline concerned with the identification and quantification of chemical compounds. Analytical Chemistry involves all topics within the 'analytical chain', ranging from sampling strategy to the reporting of data. It includes areas such as analytical methodology, techniques for sampling, separation and spectroscopic methods, instrumental techniques, handling, processing and evaluation of data.

The programme is connected to the leading research areas at the Department of Analytical Chemistry, some of which are highly recognised internationally. The Department is the largest Analytical Chemistry department in Sweden, and its research profile includes ambient air, indoor air, particle analysis, exhaust

emissions, work environments, environmental analysis, proteomics, multivariate data analysis, and theoretical chromatography.

The programme consists of compulsory advanced courses in analytical chemistry of 90 credits, one elective course of 15 credits chosen from a list, and one free elective course of 15 credits. The compulsory advanced courses in analytical chemistry comprise at least 45 credits in a degree project in Analytical Chemistry. The degree project focuses on independent research within a research group at the Department or in industry, and prepares the student for a professional career in industry, academia or other related activities in society.

Admission Requirements:

Bachelor's Degree, including at least 90 ECTS credits in Chemistry.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/search/info/NANKO/en>

Email: roger.westerholm@anchem.su.se

Master's Programme in Applied Mathematics 120 credits

Applied mathematics is a branch of mathematics that is concerned with mathematical theory and methods typically used in the application of mathematical knowledge to other domains, as distinguished from applications of mathematics within science and engineering. In this master's programme students will be trained to make mathematics relevant for a variety of applications and accessible to non-mathematicians, to analyse problems from the disciplines of sciences, engineering, economics and medical science/engineering, to construct models that explain phenomena in different domains of application, and to reproduce data from observations and experiments.

The Master's Programme in Applied Mathematics has four compulsory courses during the first year, which give students a firm foundation and prepare them for more advanced mathematical courses. Mandatory courses include Analytic Functions 1, Optimization,

Ordinary Differential Equations and Dynamic Systems and Optimal Control Theory. The programme also offers more advanced courses in areas such as optimization, mathematical control systems theory, inverse problems, dynamic models in biology, and mathematical foundations of systems biology, in addition to classical areas of mathematics. The master's project, taken over one semester, can explore issues taken from many areas of mathematics that are applicable to real-world problems, and can be completed in collaboration with scientists from fields of specific application interests.

The programme is designed to provide an appropriate grounding for students to continue mathematical education to Doctoral level as well as in other sciences and applied fields where mathematics is highly demanded, or to embark on industrial research or work in financial sectors.

Admission Requirements:

A Bachelor's Degree in Science, with at least 75 ECTS credits in Mathematics, and 15 credits in other mathematics related subjects.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/search/info/NTMAO/en>

Email: yishao@math.su.se

Master's Programme in Astronomy 120 credits

The Master's Programme in Astronomy at Stockholm University provides students with a well-rounded and broad base in astronomy and astrophysics, and provides the opportunity for students to specialize in their areas of interest. The two-year programme leads to a Master of Science Degree in Astronomy.

Students study advanced courses in astronomy, covering topics such as observational techniques, gas dynamics, stellar structure and evolution, the formation of stars and planets, supernovae and gamma-ray bursts,

astrophysical radiation processes, high energy astrophysics, cosmology, galaxies and the interstellar medium. The final part of the degree consists of a thesis project spanning at least six months, providing students with the opportunity to do research within a specific area of astronomy. Astronomers work in many different areas, including teaching, computing and image processing. The programme also offers a good foundation for PhD studies.

Admission Requirements:

A Bachelor of Science Degree in Astronomy/Physics (or equivalent).

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/search/info/NASIO/en>

Email: peter@astro.su.se

Master's Programme in Atmospheric Sciences, Oceanography and Climate 120 credits

Climate is an overarching theme of this programme. The processes that affect and shape the climate are research focuses for the Department of Meteorology, whose teachers are active scientists who frequently participate in the public debate on climate change.

The programme provides an integrated view of the components of the climate system in the atmosphere and the ocean. A central theme is the large-scale wind and current patterns that redistribute heat globally. Another is the physical and chemical processes that regulate cloud formation and the Earth's radiative balance. The programme provides students with knowledge about how feedback and interactions between different sub-components determine the sensitivity and the response of the Earth's climate to changes in the boundary conditions.

The design of the programme allows for a high degree of specialisation. Optional elective courses exist with a focus on dynamical meteorology and oceanography, where modelling is an important element. Other elective courses deal with physical and chemical atmospheric processes, examined from both theoretical and experimental standpoints. An elective course in applied meteorology prepares students for forecast-related work at national or private weather agencies.

The programme provides students with the skills and knowledge demanded in contexts such as weather forecasting, climate modelling and experimental atmospheric research activities. The programme is a suitable basis for PhD studies in meteorology, oceanography and climate.

Admission Requirements:

Bachelor's Degree in Physics, Oceanography or Natural Science, containing at least 90 ECTS credits in Physics and Mathematics, including at least 30 ECTS credits in Mathematics and 30 ECTS credits in Physics.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/search/info/NMOKO/en>

Email: studentinfo@misu.su.se

Master's Programme in Biochemistry 120 credits

A deep knowledge at the molecular level of proteins and their roles in living cells is fundamental to the development of new drugs and the rapidly growing biotechnology industry, as well as for an understanding of environmental issues. Today, more than fifty per cent of all drugs have membrane proteins as targets. Furthermore, it is becoming evident that misfolding of proteins is a common molecular characteristic of many severe diseases, such as ALS and Alzheimer's.

The programme is built around areas in which research at the Department of Biochemistry and Biophysics (DBB) is especially prominent, in some cases internationally leading. Topics dealt with in the programme include proteins as the central players in the cell, their structure and the folding process, their targeting and turnover, and the relation between structure and function. Biological membranes with respect to structure and dynamics are

a further area of excellence included in the programme.

The programme consists of one semester of compulsory courses, including a course in advanced biochemical methods, one semester of elective courses selected from a specified list, and at least one semester of a master's thesis project. The elective courses are provided by DBB and by other departments at Stockholm University. In addition, students may freely choose courses for one semester or use this time towards the master's thesis.

During this work the student is trained in scientific method, experimental planning and conducting independent research. Such training, in combination with ample opportunity to practice and develop oral and written communication, should be an excellent base for a successful professional career, whether in industry, academia or other activities.

Admission Requirements:

Bachelor's Degree in Science or equivalent, including at least 75 ECTS credits in Chemistry (including 15 credits in Biochemistry).

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/search/info/NBKEO/en>

Email: lena@dbb.su.se

Master's Programme in Biodiversity and Conservation 120 credits

The Master's Programme in Biodiversity and Conservation is for students who want to understand the processes that have given rise to the enormous biodiversity on Earth, and the factors that are causing this biodiversity to decrease and be lost.

This programme is for anyone who wants to work with issues of preservation and nature conservation. The biological principles behind various conservation programmes are studied and integrated with ethical and economic analysis of values. The programme has been designed to give a substantial basis of knowledge, closely coupled with both current research and practical work outside of the University. Internationally renowned scientists provide supervision during the programme.

Students have excellent opportunities to tailor their education to their particular interests. A final project in biodiversity and conservation is compulsory. The other

compulsory courses within the programme are: Biodiversity: Patterns and Processes; and either Conservation Ecology or Population and Conservation Genetics.

Other elective courses include Evolutionary Ecology, Applied Marine Conservation Biology, Plant Ecology, Systematics, Molecular Systematics, Molecular Ecology, and Landscape Ecology. It is also possible for students to include courses from other disciplines, such as GIS and Environmental Law.

The programme prepares students to continue their research education with a focus in conservation biology, within, for example, ecology, ethology, population genetics or systematics. The programme also provides a suitable background for work in nature conservation outside of the University, or for work within research administration, scientific journalism, teaching, or information work.

Admission Requirements:

A Degree of Bachelor of Science, including a minimum of 90 ECTS credit points in Biology.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

All applicants must complete their application with the following: 1) Statement of Purpose – where you explain why you have selected this Programme and what you have to offer the Programme (max 250 words); and 2) Research Ideas – for your master's thesis which must be related to the Programme (max 250 words)

Application and Information: <http://sisu.it.su.se/search/info/NBIBO/en>

Email: anders.angerbjorn@zoologi.su.se

Master's Programme in Bioinformatics 120 credits

The Master's Programme in Bioinformatics is aimed at students holding a Bachelor's Degree in a science subject and who are interested in understanding the most fundamental rules governing life, using computational methods. With the rapid growth of high throughput methods, the amount and complexity of data in biology greatly surpasses that of any other discipline. The computational approach is still in its relative infancy, although it is undergoing rapid development.

In contrast to most other master's programmes in bioinformatics, this programme focuses on understanding the biology aspect of bioinformatics. Some of the compulsory courses are, therefore, aimed at understanding the molecular details of life, while other courses are focused on comparing genomes.

All courses are given by professors engaged in world-class research in areas, such as comparative genomics, protein bioinformatics, computational chemistry, molecular evolution and membrane proteins. The programme is organised by Stockholm Bioinformatics Centre, the largest bioinformatics centre in Sweden, and is conducted by the Department of Biochemistry and Biophysics at Stockholm University.

The programme provides a unique opportunity for students to learn about the most advanced techniques in this area. The programme includes a research project (of up to one full year) at one of the affiliated groups, providing a unique opportunity for students to obtain research experience. These research groups also recruit a number of PhD students every year.

Admission Requirements:

Bachelor's Degree, or equivalent, including at least 90 ECTS credits within Science, including 25 ECTS credits in Mathematics and 9 ECTS credits in Computer Science.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/search/info/NBIFO/en>

Email: erik.sonnhammer@sbc.su.se

Master's Programme in Biology 120 credits

The Master's Programme in Biology is a special programme for students who want to tailor their education in biology. The programme provides a unique opportunity for students who seek a multidisciplinary education and who want to combine biology with studies in the humanities or social sciences.

Students can take courses within one or several fields within biology for which there is no separate master's programme, such as botany, genetics or physiology. Students are free to choose from the advanced courses in biology (1-3 terms). The advanced courses then lead to a degree project (1-2 terms). The Master's Programme in Biology provides the opportunity for students to choose from elective courses (2 terms). These may be advanced courses in other subjects such as history and psychology. It is also possible to take courses at a basic level (a maximum of one term) both within biology and within unallied subjects, such as business studies or languages.

The programme provides students with the opportunity to meet the demand for broad expertise within, for example, law, economics or management studies. The programme also allows students to carry out credited workplace experience for five or ten weeks. Students may choose the location of the practical workplace experience. The aim is to give students the opportunity to apply their knowledge of biology in practice.

The Master's Programme in Biology offers students a broad education, adapted to the needs of the labour market. It is also a good point of entry for those who are unsure about which aspect of biology they wish to specialise in. Your choice of courses will give good possibilities to change during the programme to one of our other, more specialised, master's programmes within the field of biology. One year of study within the Master's Programme in Biology enables students to apply for research studies.

Admission Requirements:

Degree of Bachelor of Science, including a minimum of 90 ECTS credits in Biology.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

All applicants must complete their application with the following: 1) Statement of Purpose – where you explain why you have selected this Programme and what you have to offer the Programme (max 250 words); and 2) Research Ideas – for your master's thesis which must be related to the Programme (max 250 words).

Application and Information: <http://sisu.it.su.se/search/info/NBIOO/en>

Email: bertil.borg@zoologi.su.s

Master's Programme in Biology Earth Sciences 120 credits

Planet Earth's ecosystems and biodiversity are under great strain. The dynamics and complexity of landscape processes and their natural and social driving forces calls for trans-disciplinary solutions. Biology-Earth Sciences is a trans-disciplinary field integrating biology and geo-science to explain landscape development through natural processes and human impact.

A Master's Degree in Biology Earth Sciences is a good foundation for professional work within the environmental field, such as conservation biology, environmental monitoring or nature stewardship. The unique design of the programme, which includes a broad mixture of selectable courses in physical geography and biology, allows you to choose your own specialization

such as landscape or seascape management, landscape ecology, biodiversity assessment or geographical information science. Future employment can be found in governmental agencies, municipalities, consultant companies and NGO's.

The programme contains a number of elective courses. We recommend that students begin the programme with the course Environmental Management in Agriculture and Forestry (15 credits) and include the course Ecological Geography – Mapping, Analysis and Visualization (15 credits). The total list of currently electives is available on the programme web site. The programme coordinator can provide guidance regarding elective courses.

Admission Requirements:

Bachelor's Degree with a minimum of 90 ECTS credits in Biology Earth Sciences.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/search/info/NBGVO/en>

Email: studier@natgeo.su.se

Master's Programme in Biostatistics 120 credits

Biostatistics is the joint term for a number of statistical methods and models that have proven particularly useful within certain biological and medical applications. These include clinical trials in the pharmaceuticals area, survival analysis – which compares life lengths of different groups, and epidemiology – which studies risk factors behind illnesses. Biostatisticians work in sectors such as pharmaceutical companies, consultancy firms, public authorities and institutes and medical research.

The Master's Programme in Biostatistics is a two-year

programme aimed towards students holding a Bachelor's Degree in Mathematics or Mathematical Statistics, and who wish to specialise in Biostatistics. The programme is also an excellent preparation for graduate studies in Mathematical Statistics. One course in Mathematical Statistics is mandatory (7.5 credits), while the remaining courses include electives in mathematical statistics, including biostatistics (at least 45 credits), computer science (at least 7.5 credits), and biology or medicine (at least 15 credits). The programme concludes with a master's thesis (30 credits).

Admission Requirements:

A Bachelor's Degree, with at least 45 ECTS credits in Mathematics, 15 ECTS credits in Computer Science and 60 ECTS credits in Mathematical Statistics. Second Level courses in probability theory, statistical inference theory and linear statistical models are also recommended.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/search/info/NBISO/en>

Email: akes@math.su.se

Master's Programme in Computational Physics 120 credits

Processes in the environment are the result of the interplay between a multitude of different phenomena. Physicists create complex and exotic conditions to allow us to study and understand single, isolated phenomena. Despite these techniques it is not possible to attain a detailed understanding of these phenomena without using complicated and extensive mathematical and computational tools. The Master's Programme in Computational Physics is aimed at students holding a Bachelor of Science Degree and who wish to learn more about using advanced numerical tools to model physical phenomena.

Students will study advanced courses in physics and programming, and receive practical training in how computers can be used efficiently and accurately to solve different kinds of physical problems. During the

first year students may take courses in the mathematical methods of physics, advanced programming, numerical linear algebra and differential equations, electrodynamics, quantum mechanics, statistical physics, analytical mechanics and computational physics. During the second year students can choose between a number of specialised courses in for example physics, astronomy, meteorology, which will serve as an introduction to students' master's project.

The master's programme provides students with theoretical and practical knowledge in the subject, which is an excellent grounding for work in modern technical development as well as other cutting-edge sectors such as finance, administration or education. The programme qualifies students for doctoral studies in experimental, chemical and theoretical physics.

Admission Requirements:

Bachelor of Science Degree, including at least 90 ECTS credits in Physics.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/search/info/NBEFO/en>

Email: master@fysik.su.se

Master's Programme in Ecology 120 credits

Ecology is the study of the factors that affect the distribution and diversity of species, as well as how species are adapted to the world around them. All species interact with their biological environment: through competition, predation and mutualism.

Ecology studies individuals, populations, communities and ecosystems in an attempt to understand the complicated networks of relationships between species, their environment and the climate. Ecology deals with how to use knowledge from different aspects of biology in order to answer more comprehensive questions about how organisms are influenced by their environments. Thus, ecology includes perspectives from evolution, physiology, genetics and morphology.

The Master's Programme in Ecology provides wide-ranging opportunities for students to tailor their

education to obtain their desired profile. A final degree project in ecology is a compulsory part of the programme. Other compulsory courses within the programme are Evolutionary Ecology, Conservation Ecology and Theoretical Population Biology. Students can choose further courses in their areas of interest and it is also possible for students to include courses in other disciplines, such as GIS and Environmental Law.

The programme prepares students for continuing their research education with ecological aspects in, for example, ecology, ethology, population genetics, conservation biology and systematics, and it can be an excellent background for work in research administration, scientific journalism, forestry and agriculture, fishing and hunting, and authorities working with issues of conservation.

Admission Requirements:

Degree of Bachelor of Science or equivalent, including a minimum of 90 ECTS credits in Biology.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

All applicants must complete their application with the following: 1) Statement of Purpose – where you explain why you have selected this Programme and what you have to offer the Programme (max 250 words); and 2) Research Ideas – for your master's thesis which must be related to the Programme (max 250 words).

Application and Information: <http://sisu.it.su.se/search/info/NEKOO/en>

Email: lenn.jerling@botan.su.se

Master's Programme in Environmental Chemistry 120 credits

This master's programme offers an advanced education in Environmental Chemistry. It is closely related to recent research and offers a broad spectrum of courses to choose from. The programme provides students with in-depth knowledge of environmental inorganic and organic contaminants; their structure, function, sources and emissions, distribution, transformation and fate in the environment.

In the first semester the programme introduces major environmental contaminants, as well as analytical and practical aspects of environmental chemistry by two compulsory courses. The second semester provides elective courses about the chemistry and about risk assessment of environmental contaminants. The second year of the programme includes a compulsory degree project of at least 30 credits, focusing on environmental

chemistry, together with more optional courses, allowing students to profile their education. Optional courses can be selected from the following departments at the Faculty of Science: Applied Environmental Science, Analytical Chemistry, Biochemistry and Biophysics, and Geological Sciences.

Upon completing the programme, students should be able to characterise and assess environmental risks from a chemical perspective. Students will also have acquired a good basis for postgraduate studies in environmental chemistry. Students will be well prepared for a professional career in the area of environmental chemistry, both in Sweden and internationally.

This programme will be given if passed by the Faculty of Sciences at the University.

Admission Requirements:

Bachelor's Degree, or equivalent, including at least 90 ECTS credits in Chemistry.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/search/info/NMKEO/en>

Email: birgit.paulsson@mmk.su.se

Master's Programme in Environmental Protection and Physical Planning 120 credits

The programme focuses on environmental science and physical planning. It provides students with a systems perspective on environmental issues, focusing on planning processes, international and transboundary issues, and training in using tools such as systems analysis and GIS. The programme includes three compulsory courses and up to three optional elective courses, which allows students to profile their education. The programme concludes with a thesis, of up to 60 credits. The three compulsory courses are: Applied Environmental Modelling, International Environmental Issues and Environmental Law and Planning, or alternatively, for non-Swedish students, Environmental Management in Planning.

The Applied Environmental Modelling course provides students with an introduction to system thinking and systems analysis. The course in International Environmental Issues focuses on international and transboundary environmental issues, while Environmental Law and Planning covers basics in environmental law and physical planning. Members of the teaching staff are drawn from Stockholm University, KTH and other universities, as well as from authorities, organisations, NGO's and companies. This programme is important for professions related to national and international environmental management by governmental agencies, municipalities, companies and NGO's.

Admission Requirements:

Bachelor's Degree, with at least 90 ECTS credits in Geoscience or Geography, or equivalent science or civil engineering competence.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/search/info/NMOFO/en>

Email: studier@natgeo.su.se

Master's Programme in Environmental Science 120 credits

The Master's Programme in Environmental Science deals with human influences on the environment, and develops students' skills in science, in order to identify, study, and assess environmental problems. Students choose a specialisation in Biology, Environmental Chemistry, Earth Science or Atmospheric Science.

The programme begins with a field course (15 credits) offering training in sampling and analysis of chemical and physical quantities, data analysis, data synthesis, and presentation techniques. A second course (15 credits) in Environmental Science deals with the

analysis of topical environmental issues, with a systems and multi-disciplinary approach, scientific research and basic statistics applied to relevant environmental problems. Students take at least 30 credits within one of the four applied specialisations and further 30 credits in courses of their own choice to broaden their overall understanding of environmental science. At the end of the programme, students do an independent thesis project that enables them to gain experience in environmental work at environmental authorities and industry.

Admission Requirements:

Bachelor of Science or the equivalent, with at least 90 ECTS credits in one of the sciences, including courses relevant to the student's choice of specialisation.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/search/info/NMILO/en>

Email: annkristin.eriksson@itm.su.se

Master's Programme in Evolutionary Biology 120 credits

The field of evolutionary biology studies the processes of change that have led to the enormous diversity of living organisms that populate the Earth today – processes that have created extraordinarily complex biological organisms from simple chemical origins. Differences between species can be understood in the light of evolution, partly as a result of adaptation to different environments through natural selection, and partly as a result of random events such as climate change and meteor impact. At the same time, the evolution of all species from one common origin can also explain the fundamental similarities that are found between even distantly related organisms, such as the similarities of the genetic code, and those of the molecular 'toolbox' of cells.

Thus, evolutionary biology represents the common theories that unite the entirety of biology. The Master's Programme in Evolutionary Biology provides wide-ranging opportunities for students to tailor their

education to their desired profile. A final degree project in evolutionary biology is compulsory, as are the courses in Biological Statistics and Experimental Design and Science in Biological Research and Investigation. These courses are taken in parallel with the degree project. The course in Evolutionary Ecology is also a compulsory part of the programme, allowing students to learn more about the evolution of adaptation to the environment from internationally renowned scientists in the field. Students can select elective courses in, for example, biodiversity, ethology, systematics, zoological reproductive biology or plant-animal interactions.

The programme is primarily a preparative programme for research education in evolutionary biology and related subjects such as ecology, ethology, systematics, but it is also an excellent background for research administration, scientific journalism, and posts within various authorities.

Admission Requirements:

Knowledge equivalent to a Bachelor's Degree, including a minimum 90 ECTS credits in Biology.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

All applicants must complete their application with the following: 1) Statement of Purpose – where you explain why you have selected this Programme and what you have to offer the Programme (max 250 words); and 2) Research Ideas – for your master's thesis which must be related to the Programme (max 250 words).

Application and Information: <http://sisu.it.su.se/search/info/NEVBO/en>

Email: bengt.karlsson@zoologi.su.se

Master's Programme in Financial Mathematics and Finance 120 credits

There are many different kinds of investors in financial markets today – not only major companies, banks and financial institutions, but also private individuals investing in different kinds of securities, either directly or through funds. Recently, trading in financial derivatives and securities such as options, which are linked to other securities, has increased. This has led to an increased demand in the ability to correctly analyse the myriad complex connections and interactions in the market. Several of the methods and models used today are highly mathematically advanced, thereby creating a strong need for competent mathematicians with knowledge about financial markets.

The Master's Programme in Financial Mathematics and Finance is a two-year programme aimed towards students holding a Bachelor's Degree in Mathematics or Mathematical Statistics and who wish to specialise in Financial Mathematics. The programme is also an excellent preparation for doctoral studies in Mathematical Statistics. Mandatory courses are Mathematical Economics (7.5 credits), Financial Mathematics (7.5 credits), and two courses in Finance (15 credits). Remaining elective courses include Mathematics, Mathematical Statistics, Business and Economics. The programme concludes with a master's thesis (30 credits).

Admission Requirements:

A Bachelor's Degree, with 45 ECTS credits in Mathematics and 60 ECTS credits in Mathematical Statistics. Second Level courses in probability theory and stochastic processes, and an introductory course in financial mathematics are also recommended.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/search/info/NFMAO/en>

Email: joanna@math.su.se

Master's Programme in Genetic and Molecular Plant Science 120 credits

The programme aims to provide students with advanced knowledge about plants and plant research, from a broad perspective. Courses within the programme deal with the theoretical importance of plants and plant research, within the framework of environmental protection, industrial research and legislation. The programme provides students with a thorough practical training in planning and executing plant-related research projects and an examination of the opportunities and risks of gene-modified organisms (GMOs).

The Master's Programme in Genetic and Molecular Plant Science is a collaboration between Stockholm University (SU), Uppsala University (UU) and the Swedish University of Agricultural Sciences (SLU-Uppsala). The first year comprises four compulsory courses: The Growth and Development of Plants (UU), which

focuses on mechanisms at molecular, cell and organism level that control various phases of the development of plants; The Biodiversity of Plants, their Breeding and Biotechnology (SLU), which deals with biodiversity, plant breeding and comparative genetics; and Plant-Microbe Interactions (SU), which focuses on the interactions of plants with their surroundings and includes a five-week project. The three participating universities provide several options for the fourth course, depending on the interest of the student. These include e.g., Genome functions (UU), Plant Pathology (SLU) or Plants in Environmental Treatment (SU). Ecological consequences and possible practical applications are discussed. The second year consists of electives, and a degree project of 30 or 45 credits at any one of the participating departments.

Admission Requirements:

Knowledge equivalent to a Bachelor's Degree, including a minimum of 90 ECTS credits in Biology.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests. Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

All applicants must complete their application with the following: 1) Statement of Purpose – where you explain why you have selected this Programme and what you have to offer the Programme (max 250 words); and 2) Research Ideas – for your master's thesis which must be related to the Programme (max 250 words).

Application and Information: <http://sisu.it.su.se/search/info/NEXVO/en>

Email: katharina.pawlowski@botan.su.se

Master's Programme in Geological Sciences 120 credits

The Master's Programme in Geological Sciences includes the study of processes that shape our planet, from the effects of plate tectonics on mountain building and basin development, to understanding causes behind volcanism and earthquakes. You will study the processes that control Earth's climate system from timescales of anthropogenic relevance to timescales of hundreds to millions of years. Our programme builds on our research strengths in marine geology and geophysics, petrology and tectonics, and biogeochemistry. In marine geology we focus on the study of the physical, chemical and biological properties of sediments and sedimentary rocks to determine the processes that contributed to

their formation and to reconstruct Earth's environmental and climatic development. Marine geophysical methods for digital mapping of the sea floor form an important part of our education at Stockholm University. In petrology and tectonics we study rock deformation, tectonics and magmatism, together with fluid flow and chemical transport. Within biogeochemistry we focus on studying the chemical element distribution and biogeochemical processes that take place in all of Earth's environments (water, air, rock, and soil). Our studies range from current environmental questions to the conditions for life during the evolution of our planet.

Admission Requirements:

Bachelor's Degree, including 90 ECTS credits in Geology or Geological Sciences.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/search/info/NGEVO/en>

Email: volker.bruchert@geo.su.se

Master's Programme in Glaciology and Polar Environments 120 credits

The programme focuses on the cryosphere and cold environments, and offers research projects in polar and alpine regions, focusing on how ice sheets and glaciers shape the landscape, and how permafrost and snow affect ecosystems. The waxing and waning of the large continental ice sheets is discussed in relation to the Quaternary glacial-interglacial cycles, based on landforms and glacial inversion models. Glacial mass balance methods and studies are presented in the context of climate change and global sea level rise. The role of permafrost in the functioning of arctic ecosystems is evaluated in terms of possible feedback mecha-

nisms to the climate system, through changes in tundra carbon balance and surface hydrology.

The programme is introduced with a two-week excursion to northern Fennoscandia (Sweden, Finland and Norway), with day-long hikes and lectures addressing the Quaternary climatic history, glacial and periglacial landforms, and environments of the northernmost region of the European continent. In addition, unique opportunities for projects are provided by Tarfala Research Station in the Kebnekaise Massif, in northern Sweden, which is run by the Department.

Admission Requirements:

A Bachelor's Degree, with at least 90 ECTS credits in Geosciences or Geography, or equivalent science or civil engineering competence.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/search/info/NGLPO/en>

Email: studier@natgeo.su.se

Master's Programme in Hydrology, Hydrogeology and Water Resources 120 credits

Many environmental risks and societal concerns are directly related to the way we manage our land and water environments. This two-year Master's programme provides extended knowledge about water and soil systems, including pollution spreading and associated risks for society. The management of water resources and conflicts and collaborations caused by shared water resources are emphasised through applications to practical management challenges in society.

Students completing the Master's Programme in Hydrology, Hydrogeology and Water Resources are expected to be able to demonstrate knowledge and understanding of a number of areas: hydrological and hydrogeological processes, the main components of the water cycle and the vulnerability and resilience of water resources. Students should also be able to use models, mathematical equations and information systems as important tools for dealing with water related problems

(including environmental aspects and ecological economics). In addition the programme will enable students to be able to manage hydrologic data – including methods for time series analyses and the management of spatial data using geographic information systems (GIS) and geostatistics – and to be able to quantify and handle uncertainty, probability and risk.

The programme includes a number of compulsory courses: Information and Modelling Systems for Land and Water Resources; Land-Water Risk Assessment and Management Methods; Local to Global Water Vulnerability and Resilience.

This broad knowledge is prepares students for professions related to international conflict management, environmental management by governmental agencies, environmental policy, civil and environmental engineering, and industrial and agricultural impact assessments.

Admission Requirements:

A Bachelor's Degree, with at least 90 ECTS credits, in Geoscience or Geography, or equivalent science or civil engineering competence.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/search/info/NHHVO/en>

Email: studier@natgeo.su.se

Master's Programme in Landscape Analysis with Remote Sensing, GIS and Cartography 120 credits

Landscape Analysis has traditionally been primarily a map-reading task. Today, maps and mapping are digital, as are many other types of geographical information. Geographic information systems (GIS) make efficient management of data possible, thus facilitating many different types of analysis and modelling. Landscape change, environmental monitoring and mapping, as well as environmental issues in general, feature significantly on the daily political agenda. This situation is further enhanced by international environmental agreements that demand the continuous reporting of the status of and changes in the environment.

Consequently, graduates mastering skills in data acquisition methods and analysis, as well as in visualisa-

tion and mapping, are in high demand in both the public and private sectors. This Master's programme develops students' skills in several fields, such as remote sensing, GIS, methods for modelling, explorative data analysis and visualisation with a focus on landscape information.

The programme includes a number of compulsory courses: Applied Environmental Modelling; Positioning, Map Projections and Digital Photogrammetry; Remote Sensing and Digital Image Processing; and Geographic Analysis and Visualisation in GIS. The number of elective courses that students take is dependent on the period of time devoted to the master's thesis.

Admission Requirements:

A Bachelor's Degree, with at least 90 ECTS credits in Geoscience or Geography, or equivalent science or civil engineering competence.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/search/info/NLFKO/en>

Email: studier@natgeo.su.se

Master's Programme in Marine Biology 120 credits

The oceans comprise over seventy per cent of the surface of the Earth. They contain an incredible richness of environments, from the arctic ice wastes, the archipelagos of the Baltic and the tidal plains along the coasts of Europe, to coral reefs and abysses that are far deeper than Mount Everest is high. These many-faceted environments contain an enormous diversity of plant and animal life that have adapted in different ways to the shifting conditions.

Oceans not only offer us rich and fascinating environments, they also offer their resources. Exploitation of the oceans takes many forms: healthy food is caught and farmed, coastal areas are used for recreation, huge quantities of goods are transported across the oceans, and they are important receivers of waste. The intensive use of the oceans' resources often leads to devastating effects: eutrophication, over-fishing, toxicity, and the

loss of habitats. Knowledge of ocean processes, and of how humans can influence them, are two preconditions for a broad understanding of the Earth's environment.

The Master's Programme in Marine Biology has three main streams: marine ecology, ecotoxicology, and tropical marine biology. The compulsory and elective courses differ for each of these three streams; however all contain a degree project (one to two terms). This work can be carried out at Stockholm University, at the university field stations on the Baltic (Askö) or on the Swedish west coast (Tjärnö), in collaboration with an authority, or connected to a project in the tropics.

The programme is a suitable preparation for research education or for work connected to the aquatic environment, such as within environmental authorities, county administrative boards, municipalities, or industry.

Admission Requirements:

Knowledge equivalent to a Bachelor's Degree, including a minimum of 90 ECTS credits in Biology.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

All applicants must complete their application with the following: 1) Statement of Purpose – where you explain why you have selected this Programme and what you have to offer the Programme (max 250 words); and 2) Research Ideas – for your master's thesis which must be related to the Programme (max 250 words).

Application and Information: <http://sisu.it.su.se/search/info/NMARO/en>

Email: tedengren@ecology.su.se

Master's Programme in Materials Chemistry 120 credits

Research in materials chemistry is focused on the design and control of the relationships between structure, composition, processing and properties of all materials. The rapid evolution of our ability to probe and observe materials at very small length scales, together with the development of novel (micro and nano) fabrication methods, now give us the possibility to integrate atomic and molecular-level design with new and improved approaches for assembly and structural design at larger length-scales.

The Master's Programme in Materials Chemistry builds on our strength in solid-state chemistry, which is utilised in courses that introduce students to versatile materials synthesis strategies. The design of nano-structured materials from novel combinations of molecular building blocks, templating molecules, nano-particles

and various functional molecules is a running theme in several of the courses, where a deep understanding of the structure-property relations at all length-scales is of pivotal importance.

The first compulsory course in the programme is an introduction to materials chemistry and characterisation techniques. A number of important characterisation methods are introduced, and are applied in the experimental part of the course. The other two compulsory courses deal with crystal structure determination by diffraction techniques, and the relation between crystal structure symmetry and properties. Students may then freely choose from elective course topics within the programme. The programme concludes with a master's thesis project, of up to 60 credits.

Admission Requirements:

Bachelor's Degree, or equivalent, including at least 90 ECTS credits in Chemistry.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/search/info/NMAKO/en>

Email: alexander.lyubartsev@mmk.su.se

Master's Programme in Mathematical Statistics 120 credits

The Master's Programme in Mathematical Statistics is a two-year programme aimed towards students holding a Bachelor's Degree in Mathematics or Mathematical Statistics who wish to extend their knowledge in Mathematical Statistics.

The programme consists of a number of mandatory courses, representing 22.5 credits, which include advanced courses in Probability Theory, Statistical Inference and Stochastic Processes. Remaining elective courses, representing 67.5 credits, can be chosen by students to model their preferred competence profile.

The programme concludes with a master's thesis of 30 credits. The minimum amount of credits to be taken as elective courses is 15 credits in Mathematics and 7.5 credits in Mathematical statistics.

The programme is an excellent preparation for doctoral studies, and also provides a solid foundation for a professional career within the private or public sector. Strong competence in mathematical statistics is demanded in sectors such as insurance, banking and finance, pharmaceutical companies and medical research institutions.

Admission Requirements:

A Bachelor's Degree, with 45 ECTS credits in Mathematics, 15 ECTS credits in Computer Science and 60 ECTS credits in Mathematical Statistics. Second Level courses in probability theory, statistical inference theory and linear statistical models are also recommended.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/search/info/NMASO/en>

Email: ms@math.su.se

Master's Programme in Mathematics 120 credits

Mathematics is, together with astronomy, the oldest science. Mathematics is more vital now than ever before – new methods are constantly being developed and old problems solved. Mathematics is a critical element in the development of society: with the aid of mathematics it is possible to compute planet orbits, or to describe the world's population growth or the melting of the Arctic glaciers. Mathematical education is suitable for work in all areas where advanced mathematical methods are used, such as numerical computations in technology and natural science, probability computations, pricing questions in finance or in the construction of codes for safe transmission of data.

The Master's Programme in Mathematics has four compulsory courses during the first year (Foundations of Analysis, Analytic functions I, Algebra III and Combinatorics II) that provide students with a solid foundation for more advanced mathematical courses. The programme also offers more advanced courses in Algebra, Number theory, Complex analysis, Combinatorics, Differential equations and Topology. The master's project, taken over one semester, can be chosen by students from across many areas of mathematics. The programme is designed to provide students with excellent grounding to continue their mathematical education to doctoral level.

Admission Requirements:

A Bachelor's Degree in Science. In addition knowledge equivalent to 90 ECTS credits in mathematics, including a thesis, is required.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

All applicants must complete their application with the following: 1) Statement of Purpose – where you explain why you have selected this Programme and what you have to offer the Programme (max 250 words); and 2) Research Ideas – for your master's thesis which must be related to the Programme (max 250 words).

Application and Information: <http://sisu.it.su.se/search/info/NMATO/en>

Email: ps@math.su.se

Master's Programme in Medicinal Chemistry 120 credits

The Master's Programme in Medicinal Chemistry is designed for students holding a Bachelor's Degree in chemistry or molecular biology, who want to become the medicinal chemists of tomorrow. The programme covers important aspects of modern medicinal chemistry required for future drug discovery. The programme's foundation is one semester in Medicinal Chemistry, with an emphasis on various aspects connected to pharmaceuticals and their interaction with living systems. Specific topics covered in these two courses comprise: Biological targets (classes of receptors, enzymes and other macromolecules), pharmacodynamics, pharmacokinetics, drug discovery (preparative methods and combinatorial chemistry), and the mode

of action on a molecular level of specific groups of pharmaceuticals for the treatment of various diseases.

Students can also choose from a number of courses which are related to medicinal chemistry to meet the expectations of potential medicinal chemists' employers. These courses cover topics such as advanced synthetic and analytical organic chemistry, including organometallic chemistry, advanced biochemistry and biophysics (including toxicology), and advanced neurochemistry and neurobiology. The programme concludes with an individual master's project in medicinal chemistry, which is conducted in a research group at the University or at a pharmaceutical company.

Admission Requirements:

Bachelor's Degree, including at least 75 ECTS credits in Chemistry, 15 of which must be in Biochemistry.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/search/info/NLKMO/en>

Email: js@organ.su.se

Master's Programme in Microbiology 120 credits

The Master's Programme in Microbiology aims to give a deeper understanding of how bacteria, viruses, fungi and protozoa interact with the environment and affect biological systems at molecular, cellular and organism level. Knowledge in microbiology is important in medicine, food industry, agriculture, technology, chemistry, and geology.

In this master's programme you will explore different aspects of microbiology, such as pathogenic microbes, biological diversity, evolution, and biotechnology. The identification of new emerging microbial pathogens and the global emergence of multiple antibiotic resistance show that pathogenic microorganisms will remain a very significant health problem in the years to come. In-depth knowledge of microorganisms is essential to develop new diagnostic tools, medicines, and vaccines. Within the programme you may choose among courses

such as Infection biology, Immunology, and Plant-microbe interactions. The goal of the master's programme is to give an insight into the subject through theory, experiments and other relevant work, so that you gain a complete understanding of the life of microorganisms. You will also carry out a degree project at the department that is responsible for the programme; Genetics, Microbiology and Toxicology (GMT).

The Master's Programme in Microbiology opens career possibilities within public authorities, universities, and industry, especially research and development in biotechnology, pharmacological and medical industry, food industry, as well as nutrition. This master's programme at Stockholm University is also directed towards anyone interested in entering research or research training at the university.

Admission Requirements:

Knowledge equivalent to a Bachelor's Degree, including at least 120 ECTS in Molecular Biology, of which at least 30 must be in Chemistry.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

All applicants must complete their application with the following: 1) Statement of Purpose – where you explain why you have selected this Programme and what you have to offer the Programme (max 250 words); and 2) Research Ideas – for your master's thesis which must be related to the Programme (max 250 words).

Application and Information: <http://sisu.it.su.se/search/info/NMIBO/en>

Email: Ann-Beth.Jonsson@gmt.su.se

Master's Programme in Molecular Biophysics 120 credits

The programme is organised by the Department of Biochemistry and Biophysics at Stockholm University, and provides students with a molecular view of the phenomena of life and a thorough education in experimental and theoretical biophysical methods.

The programme commences with a semester comprised of compulsory courses. Among these are both theoretically-oriented courses, which provide the necessary theoretical background for understanding biophysical principles, and more experimental courses, through which the students gain experience in advanced techniques.

All courses are given by professors who perform world-class research. Hands-on laboratory coursework and individual research projects are integrated and

essential parts of the programme, which allows a high degree of choice. Students can specialise in theoretical or experimental biophysics, or may take both streams in parallel.

The final degree project provides an excellent opportunity to gain research experience, and the project is carried out in one of the affiliated groups at the participating universities. Research conducted in the different groups includes both theoretical and experimental aspects of biophysics, and a wide variety of techniques and applications.

The Master's Programme in Molecular Biophysics is aimed at both Swedish and international students who hold a Bachelor's Degree in chemistry or physics. No knowledge in biology is required.

Admission Requirements:

Bachelor's Degree, or equivalent, including 90 ECTS credits of Chemistry and/or Physics. Alternatively, a total of 180 ECTS credits, comprising at least 150 ECTS credits within Science, including 60 ECTS credits of Chemistry and/or Physics.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/search/info/NMBFO/en>

Email: andreas@dbb.su.se

Master's Programme in Molecular Life Sciences 120 credits

Molecular life sciences aim to understand the structure, function and regulation of biological systems, at the molecular, cell and organism level. Many different fields interact within this broad subject. Molecular life sciences is characterised by the rapidly growing need to gather knowledge, extensive technological advances, and the establishment of new sub-disciplines.

This master's programme offers a broad education at the front-line of research in molecular life sciences. The programme is highly flexible and can be tailored to the student's particular interests. Students may choose from a wide range of courses within cell biology, molecular biology, biochemistry, genetics, microbiology, developmental biology, molecular physiology, neurobiology and immunology. Students will also carry out a degree

project at one of the departments collaborating in the programme: Molecular Biology and Functional Genomics, Genetics, Microbiology and Toxicology, Botany, and Cell Biology, Developmental Biology, Immunology, and Physiology at the Wenner-Gren Institute.

A Master's Degree in Molecular Life Sciences opens a broad spectrum of career opportunities, both within and outside of the academic sphere. Important sections of industry and society require deep knowledge within molecular life sciences, from biomedical research and pharmaceuticals development to the effect of the environment on biological systems, quality assurance of foodstuffs, and nutritional science. The programme also qualifies students for further research in the exciting field of molecular life sciences.

Admission Requirements:

Knowledge equivalent to a Bachelor's Degree, including at least 120 ECTS credits in Molecular Biology, of which at least 30 must be in Chemistry.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

All applicants must complete their application with the following: 1) Statement of Purpose – where you explain why you have selected this Programme and what you have to offer the Programme (max 250 words); and 2) Research Ideas – for your master's thesis which must be related to the Programme (max 250 words).

Application and Information: <http://sisu.it.su.se/search/info/NMLVO/en>

Email: Tore.Bengtsson@wgi.su.se

Master's Programme in Neurochemistry with Molecular Neurobiology 120 credits

The Master's Programme in Neurochemistry with Molecular Neurobiology is aimed at students holding a Bachelor's Degree in chemistry or biology and who wish to study the molecular function of the nervous system. The programme aims to provide students with a sound multidisciplinary background in neurochemistry, molecular neurobiology, peptide chemistry and recombinant techniques. The programme is closely connected with research at the Department of Neurochemistry and is designed to cover most specializations within neurochemistry with molecular neurobiology, including the

molecular mechanisms behind neurodegenerative conditions like Alzheimer's disease, polyglutamine disorders, and cancer of the nervous system.

The programme consists of one compulsory course and at least three specialized courses, which can be chosen from among five courses (up to 30 credits) and a degree project, to be conducted in a research group at the Department of Neurochemistry. The programme provides a good platform for further graduate studies or for a professional career, both in Sweden and internationally.

Admission Requirements:

Bachelor of science degree including at least 90 ECTS credits in Chemistry with 7.5 credits in Biochemistry or 90 ECTS credits in Biology with 9 credits in Zoo Physiology.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/search/info/NNEUO/en>

Email: marie-louise@neurochem.su.se

Master's Programme in Nutrition 120 credits

Upon completion of the Master's Programme in Nutrition the student will have developed advanced scientific skills in the area of nutrition as well as in related areas of national and international significance. The programme can form a basis for careers in research, teaching and information, public health work, health administration, or laboratory work (e.g. product development) within a commercial or a public context. The programme also gives a good basis for education at doctoral level within this subject area.

The programme explores different aspects of nutrition, including molecular, physiological, epidemiolo-

gical and public health perspectives. Learning to apply and evaluate methods in modern nutrition research is a central part of the programme, which also includes training in written and oral communication; with colleagues, media and the public. Research ethics and the philosophy of science are also covered, further increasing the student's ability to communicate and discuss nutritional science with different groups. The programme offers the possibility for the student to take elective courses and to pursue further studies in public health nutrition or other topics both within or outside the nutrition subject area.

Admission Requirements:

Bachelor's Degree in the field of Nutrition or related subject.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/search/info/NNUTO/en>

Email: magdalena.rosell@ki.se

Master's Programme in Organic Chemistry 120 credits

The programme is designed for students holding a Bachelor's Degree in chemistry who want to become experts in the field of organic chemistry. The programme is constructed around prominent research areas within the Department of Organic Chemistry, some of which are highly recognised internationally. The department is the largest and strongest department of organic chemistry in Sweden, with a research profile covering topics such as organometallic chemistry, catalysis, natural product synthesis including carbohydrate chemistry, and bioorganic chemistry.

The Master's Programme in Organic Chemistry is based on a number of compulsory courses in advanced organic chemistry. During the first year, students can choose between a course in advanced organic synthesis

and a course in bioorganic structural analysis. In addition, students have the opportunity to choose between different specialised courses in organic chemistry during their first year. These courses are intended to provide further knowledge of various aspects of organic chemistry.

The final year comprises two compulsory courses. Advanced Organic Chemistry provides students with a deeper theoretical knowledge in organic chemistry, while enhancing their experimental skills. Research experience is enhanced by the production of a master's project in the area of organic chemistry, to be carried out within one of the research groups at the department. The course in Advanced Organic Chemistry runs parallel with the master's project.

Admission Requirements:

Bachelor's Degree, including at least 90 ECTS credits in Chemistry.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/search/info/NORKO/en>

Email: js@organ.su.se

Master's Programme in Peptide and Protein Chemistry 120 credits

The Master's Programme in Peptide and Protein Chemistry is given jointly by the Department of Neurochemistry and the Department of Biochemistry and Biophysics. The aim of the programme is to provide students with a broad insight into the chemistry, chemical properties, functions and applications of peptides and proteins. Central parts of the programme are in-depth knowledge of biochemical methods, solid-state peptide synthesis and spectroscopy of biomolecules as well as structure-function relationships

and mechanisms of action of peptides and proteins.

The programme consists of a number of compulsory courses (45 credits in total), at least three specialized courses, which can be chosen from among five courses (up to 30 credits), and a degree project, which is conducted in a research group at the Department of Neurochemistry or at the Department of Biochemistry and Biophysics. The programme provides a good platform for further graduate studies or for a professional career, both in Sweden and internationally.

Admission Requirements:

Bachelor of Science degree including at least 90 ECTS credits in Chemistry or equivalent degree in Technical or Natural Science, including 7.5 credits in Biochemistry.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/search/info/NPEPO/en>

Email: marie-louise@neurochem.su.se

Master's Programme in Physics 120 credits

This master's programme is aimed at students who wish to continue their studies in the direction of modern physics with an experimental emphasis. Physics research at Stockholm University is carried out across most disciplines. During their studies students will meet and work in close collaboration with teachers and researchers who are engaged in cutting-edge research.

Students choose from among advanced courses that suit their particular interests and physics profile. Courses in experimental disciplines include atomic physics, astroparticle physics, elementary particle physics, condensed matter physics, nuclear physics, laser physics, molecular physics, nano-technology, quantum optics, as well as courses in instrumentation, detector and accelerator techniques. Courses are offered in theoretical physics, knowledge of which is necessary for the understanding of experimental physics at the

advanced level. Courses are also offered for specialisation in statistics, giving students an understanding of the important role of statistical methods in modern physics.

A common base for all disciplines is a set of compulsory courses in statistical methods, instrumentation and computing. These courses provide students with advanced knowledge in modern experimental techniques and the treatment of measured data. This knowledge is applied in many of the elective courses and in the master's project, which is often carried out in one of the research groups in the Department of Physics.

The knowledge and abilities students will acquire in this programme have great applicability in analytic and developmental work in modern industry and in the public sphere. The programme will also prepare students for doctoral studies in physics.

Admission Requirements:

Bachelor of Science Degree, including more than 90 ECTS credits in Physics.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/search/info/NFYSO/en>

Email: master@fysik.su.se

Master's Programme in Quaternary Science and Climate Development 120 credits

The Master's Programme in Quaternary Science and Climate Development provides students with in-depth knowledge about climate and environmental changes in different time-scales and geographical regions. Knowledge about natural and anthropogenic climate changes is important for the understanding of the development of the Earth during the Quaternary Period (the last 2.6 million years).

Students will learn methods for reconstructing the climate in different environments, and methods for the interpretation of the glacial landscape. The knowledge

gained in the programme will enable students to evaluate statements in the current debate on natural or human-induced climate change. The first year consists of three compulsory courses and one elective course focusing on Quaternary stratigraphy and climate variation and methods for dating and reconstructing Quaternary environments. At least one longer field course is included in the first year of the programme. During the second year students will complete a master's thesis, in addition to coursework.

Admission Requirements:

A Bachelor's Degree, with at least 90 ECTS credits in Geoscience or Geography, or equivalent science or civil engineering competence.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/search/info/NKVKO/en>

Email: studier@natgeo.su.se

Master's Programme in Social-Ecological Resilience for Sustainable Development 120 credits

The Master's Programme in Social-Ecological Resilience for Sustainable Development aims to enhance students' knowledge of the complex interactions between ecosystem dynamics and human activities at different scales, particularly ecosystem management in the context of change and uncertainty. Students are introduced to different research approaches and methods for studying coupled social and ecological systems. The aim is to provide students with insights into problem-driven transdisciplinary environmental research.

The master's programme will admit fifteen new students each year and includes one year of courses and a traineeship, and one year spent doing a master's thesis. The four mandatory courses are designed with

an emphasis on resilience to define the challenges we face today and reflect on how resilience thinking can be applied to social-ecological systems to solve real-life problems. Students' theses are mainly incorporated in on-going research projects and are all related to one of the research themes at the Stockholm Resilience Centre. We aim for graduates to publish their research in peer-reviewed journals.

We want to attract top international and Swedish students and ensure that they are embedded in the research life at the Centre. Integrating students, post docs and senior researchers is important to us. This can provide scientific role models, develop students' practical research skills and build important social networks... a process that can also be lots of fun!

Admission Requirements:

A Bachelor's degree, or equivalent, from a university recognised by the Ministry of Education of the country in which the degree has been awarded.

A very good command of English, documented by an internationally recognised proficiency test.

All applicants must complete their application with the following: 1) Statement of Purpose – where you explain why you have selected this Programme and what you have to offer the Programme (max 250 words); and 2) Research Ideas – for your master's thesis which must be related to the Programme (max 250 words).

Application and Information: <http://sisu.it.su.se/search/info/NSRHO/en>

Email: lisa.deutsch@stockholmresilience.su.se

Master's Programme in Theoretical Physics 120 credits

The programme has two primary aims. The first is to provide students with a solid knowledge of the basic techniques of modern theoretical physics, in particular quantum field theory, statistical mechanics and advanced numerical methods. Secondly, the programme aims to allow for a specialised, in-depth study of a particular field of physics, culminating in a master's thesis on a subject at the forefront of theoretical physics research.

Mathematics (and increasingly also numerical simulations and computer algebra) plays an important role in theoretical physics research. Master's students are encouraged to complement their physics education by taking advanced courses in these fields. Students are also offered a selection of advanced courses in atomic physics, astroparticle physics, elementary particle physics, condensed matter, cosmology, quantum

mechanics, nuclear physics, laser physics, molecular physics, nanotechnology, relativity, and other topics that complement and round off their general education in physics.

Students successfully completing the master's programme will be well prepared for further studies in theoretical physics at doctoral level. The majority of lecturers and supervisors teaching on this master's programme are active researchers working in various fields of modern theoretical physics, such as cosmology, string theory, general relativity, condensed matter physics and quantum information. During their thesis work, students will be integrated in a research group and receive first hand experience of professional theoretical research.

Admission Requirements:

Bachelor of Science Degree, including more than 90 ECTS credits in Physics.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/search/info/NTEFO/en>

Email: master@fysik.su.se

Master's Programme in Toxicology 120 credits

The identification and synthesis of chemical substances for the development of new products is increasing exponentially. At the same time, society is placing ever-higher requirements for chemical substances and products to be safe for human health and the environment. This demand leads to an ever-increasing demand for qualified toxicologists.

The Master's Programme in Toxicology aims to provide students with an advanced understanding of how toxic substances affect biological systems at the molecular, cellular and organism level. The programme is multidisciplinary, and includes many different interacting subjects. Students choose courses within the programme that will create a personal profile for their desired expertise, including cellular, genetic and biochemical toxicology, biochemistry, the biology of cancer, environmental chemistry, radiation biology and ecotoxicology.

Students can choose between two main specialisations: environmental toxicology or radiation biology. Students will also carry out a degree project at the department responsible for the programme, Genetics, Microbiology and Toxicology (GMT).

A Master's Degree in Toxicology opens career opportunities within official bodies and in industry. Both industry and society more broadly require advanced knowledge in toxicology, and the demand is particularly acute for research and development within biotechnology, pharmacology, and the pharmaceuticals and food industries industry. A further important field for toxicologists is radiation biology, where such topics as our use of nuclear energy and new technology like systems for mobile phones and mobile telephony have become important. The programme also qualifies students for doctoral research studies in the field.

Admission Requirements:

A Bachelor's Degree, including a minimum of 90 ECTS credits in Biology and 30 ECTS credits in Chemistry.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

All applicants must complete their application with the following: 1) Statement of Purpose – where you explain why you have selected this Programme and what you have to offer the Programme (max 250 words); and 2) Research Ideas – for your master's thesis which must be related to the Programme (max 250 words).

Application and Information: <http://sisu.it.su.se/search/info/NTOXO/en>

Email: dag.jenssen@gmt.su.se

Master's Programmes at the Faculty of Social Sciences

Is it possible to understand another person's problems? How do computers affect us? Why does the business cycle swing? Why does society appear to us as it does? Within the social sciences we strive to understand the society that we live in, people as individuals and the relations between them. An understanding of society is based on an active, reflective debate about society and the conditions for well-founded decisions and good social planning. Education at the Faculty of Social Sciences consists of both study programmes and free-standing courses, offered at introductory, advanced and research levels. The Faculty offers a wide range of Master's Programmes, both within fields of behavioural knowledge, such as anthropology, and in more traditional subjects within the social sciences, for example, political science and economics. Attending a Master's Programme at the Faculty involves studies at a qualified level, closely connected to current research. Students will be well prepared for a professional career, whether in the public or private sector, or within research.

Contents:

- Master's Programme in Accounting, Auditing and Analysis
- Master's Programme in Banking and Finance
- Master's Programme in Computer and Systems Sciences
- Master's Programme in Consumer and Business Marketing
- Multidisciplinary Master's Programme in Demography
- Master's Programme in Economics
- Master's Programme in Globalization, Environment and Social Change
- Master's Programme in Human Geography
- Master's Programme in Information Systems Management
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- Master's Programme in IT Project Management
- Master's Programme in Management Studies
- International Master's Programme in Political Science
- Master's Programme in Social Anthropology
- Master's Programme in Social Anthropology (CREOLE)
- Master's Programme in Statistics
- Master's Programme in Strategic IT Management
- Master's Programme in Survey Methodology and Official Statistics
- Master's Programme in Urban and Regional Planning

Master's Programme in Accounting, Auditing and Analysis 120 credits

Stockholm Uppsala Master's Programme in Accounting, Auditing and Analysis (SUMA) is a master's programme that prepares students for qualified work within the accounting industry.

The SUMA programme is provided in collaboration between the Business Administration and Business Law departments at Stockholm University and Uppsala University. Students attending SUMA will choose courses at Uppsala University as well as Stockholm University, and will therefore have the opportunity to experience two different campuses. Practitioners in the field of accounting and auditing will also contribute to the courses in the programme.

The first semester is thematically organised around analysis. The courses Advanced Accounting Analysis, Risk Analysis, Financial Distress Analysis and Responsi-

bility Analysis all take up different aspects of how the firm can be viewed from the viewpoints of economic efficiency, risk attending, credit giving and responsibility taking.

The second semester consists of the Auditing Regulation; Public Sector Accounting and Auditing; Mergers & Acquisitions; and Intangible Assets. The third semester courses comprise Accounting and the Capital Markets; and then students' elect to focus either on auditing courses or analysis and accounting. The final course in the third semester is devoted to methodological problems and possibilities in accounting research. The fourth semester involves the writing of a Master's thesis of relevance to the programme. The thesis should make a substantial contribution to research.

Admission Requirements:

A Bachelor's Degree with at least 90 Credits in Business Administration is required.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/search/info/SRRFO/en>

Email: mastersprogrammes@fek.su.se

Master's Programme in Banking and Finance 120 credits

This Master's programme prepares students for qualified analytical work within the financial industry. Prerequisites are a Bachelor's Degree with courses in both Business Administration and Economics. As the programme has a clear quantitative orientation, previous knowledge in Financial Mathematics and Financial Statistics are compulsory.

During the first half of the first semester, students with a background in Business will take two courses in Economics at the intermediary level, while students with a background in Economics will take two courses in Business. The second part of the semester includes two courses, Business, Financial Institutions Management; and Econometrics. The second semester develops the disciplinary core, and consists of four courses, dealing with various financial instruments and tech-

niques: Financial Derivatives; Fixed Income Securities; Portfolio Theory; and Applied Econometrics. The third semester combines knowledge from the two contributing disciplines, in addition to one elective course. The fourth semester consists of writing a Master's thesis with relevance to the programme. The thesis is expected to make a substantial contribution to research.

The programme is designed to attract students from both Business Administration and Economics. The aim is to attract a student body with highly specialised interest and prior knowledge in financial economics. The programme qualifies students for work as financial analysts, chief financial officers, portfolio managers, etc. The programme also prepares students for studies at research level within the subject area of financial economics.

Admission Requirements:

60 credits in Business Administration and 30 credits in Economics, or 60 credits in Economics and 30 credits in Business Administration. 7.5 credits in introductory mathematics, 7.5 credits in introductory statistics or equivalent.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/search/info/SBFEO/en>

Email: mastersprogrammes@fek.su.se

Master's Programme in Computer and Systems Sciences 120 credits

Today's rapid technological development means that the demand for high-level competence in the IT field is growing. The Master's Programme in Computer and Systems Sciences provides students with an opportunity to develop their skills and knowledge in relevant areas in preparation for a successful professional or research career.

Within the programme, there are a number of recommended specialisation tracks to choose from. For example, students interested in contributing to a more sustainable and less vulnerable information society can select the Information Security track. Students interested in managing globally distributed teams developing IT services can select the Global Delivery Model

track. Students who would rather focus on the construction and design of, for example, mobile services, may choose the Human Computer Interaction Design track. Additional specialisations include among others Information and Knowledge Systems Design and Business Intelligence. Students may also work outside the specialisation tracks and combine different courses to tailor their education to their specific needs.

The programme provides students with a deeper knowledge of theories and methods, and also practical skills in the area or areas they have chosen. In addition, the programme includes general courses on scientific communication and research methodology that prepare students for thesis work and a possible research career.

Admission Requirements:

A Bachelor degree or a degree equal to 180 credits, with a minimum of 90 credits within computer and systems sciences (e.g., computer science, systems science, informatics, information systems etc.)

English B (Swedish upper secondary school course) or one of the following: IELTS: 6.5 (minimum of 6 in each subtest). TOEFL (computer based): 233 with minimum written (TWE) score of 18; TOEFL (paper based): 577 with minimum written (TWE) score of 50. TOEFL (internet based): 91 with minimum TWE score of 13. Also accepted: UEEC, CULT and CPE. See Application and information (below) for details.

Application and Information: <http://sisu.it.su.se/search/info/SCSSO/en>

Email: master@dsv.su.se

Master's Programme in Consumer and Business Marketing 120 credits

Drawing on the School of Business' long-standing expertise in marketing, strategic communication and consumer studies, this master's programme integrates advanced perspectives and methods in the social sciences to address contemporary phenomena in consumer and business marketing and communication. This gives you the necessary knowledge and skills to critically analyze the forces and practices that shape and change the future of markets, organisations and communities and to address the social and political context wherein they are embedded. The programme provides a solid background for students pursuing a career in the areas of marketing, communication, consulting and government. The programme also provides a solid background for students pursuing an academic career in research and teaching.

In the first semester you develop an advanced understanding of core marketing theories, the societal context of management, markets and organisations, and market communications from a business and

consumer perspective. The second semester deals with key issues in strategic management, the consumption society, globalization and tactical leadership issues in marketing. In the third semester you may broaden or specialize your interests by choosing between a number of electives offered by the School or by other departments within the Faculty of Social Sciences.

Students from within the EU and Nordic countries also have the option of international exchange. The fourth semester is devoted to social science methods and to the master's dissertation. The dissertation enables you to further advance the skills and knowledge you have developed through the taught courses by applying relevant theoretical perspectives and social science methods in an empirical setting. The dissertation is a scholarly piece of work where you are expected to make a contribution to both research and practice. Successful applicants are required to hold a bachelor's degree, preferably with a strong major in a social science or humanities discipline.

Admission Requirements:

A Bachelor Degree in Social Sciences or a Bachelor degree in Humanities.

English B (Swedish upper secondary school course) or equivalent or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written test part). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/search/info/SCBMO/en>

Email: mastersprogrammes@fek.su.se

Multidisciplinary Master's Programme in Demography 120 credits

Demography is the scientific study of human populations. The main task of demography is to describe and analyse population development in various social contexts and time periods, and to investigate causes and consequences of changing population structures (i.e. variations in the distribution of people across different ages and the proportions of men and women).

Demographic knowledge is essential for social planning and for understanding how a society functions. Both the developed and the developing world and historical as well as modern times are of interest for demography. Fertility, mortality and migration – the three fundamental processes that produce and change populations – can be studied from different disciplinary perspectives: economical, geographical, sociological, historical, statistical or political scientific.

The interdisciplinary character of demography is built into the Master's Programme in Demography – a collaboration among the Departments of Economics, Economic History, Human Geography, Sociology and Statistics. The aim of the programme is to prepare students for demographic research careers at an advanced level. Students will learn to describe and analyse population development in various social contexts and time periods.

The programme consists of a thesis representing 30 credit points (to be written in demography or in a field related to one of the participating departments, with a specialisation in demography), and 90 credit points of course work, of which 30 credits should be obtained in methodology. Approximately one third of the total programme credits must be taken in demography.

Admission Requirements:

Bachelor's Degree in social sciences, biology or public health, or equivalent.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

Mathematics C (Swedish upper secondary school course), SL-studies, AS-level or equivalent.

Application and Information: <http://sisu.it.su.se/search/info/SMDDO/en>

Email: sara.strom@sociology.su.se

Master's Programme in Economics 120 credits

The aim of this program is to provide students with a strong ability to independently use economic theory and empirical methods in the analysis of various social problems. After graduation the student will be able to work in the private or public sector in the type of employment for skilled analysts and investigators that is commonplace in government offices, government agencies, financial organisations and associations and

more. You will be qualified to perform independent investigative and analytical work in the field of economics and inspect and assess current research.

This two-year programme consists of compulsory courses in economic theory and empirical methods (45 credits), elective courses that allow students to tailor their studies to meet their own interests (45 credits) and a master's thesis (30 credits).

Admission Requirements:

Bachelor's Degree of 60 ECTS credit points in Economics, of which 30 ECTS credit points should be at least to an intermediate level.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/search/info/SNEKO/en>

Email: lan@ne.su.se

Master's Programme in Globalization, Environment and Social Change 120 credits

Climate change and rapidly growing slum settlements in big cities are two examples of major global environmental problems. You will learn how to explain the underlying social factors for natural disasters and economic, demographic and political processes that are root causes of increased vulnerability. This requires an analysis of global socio-economic processes and knowledge of long-term earth system processes. The programme is designed for students with a background in either social sciences or in biology and/or earth sciences who want to develop a multidisciplinary perspective. The first year consists of the following courses (each of 15 credits): Introduction; Globalization, Environment and Social Change; Global Climate and Environmental Change; Urbanization and Environment; and Theory and Method.

In the autumn semester of the second year you take

optional courses (15 credits) from a list of courses available at any of the three departments involved in the specialization. You have 15 credits available for a course of free choice at any recognized university. The spring semester of the second year is devoted to writing your master's thesis (30 credits).

You will improve your ability to communicate with different groups of people dealing with global environmental questions. The programme targets students who want to do research on global environmental and social issues or work at government authorities, international organisations and private companies.

The Department of Human Geography hosts the master's programme and cooperates with the Department of Economic History and the Department of Physical Geography and Quaternary Geology.

Admission Requirements:

Bachelor's Degree, and 60 ECTS credit points in Geography, Economic History or International Relations, or from courses with a focus on the Environment, Geoscience, Economics or Social Development.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/search/info/SGMSO/en>

Email: studievagledare@humangeo.su.se

Master's Programme in Human Geography 120 credits

This programme aims at deepening and broadening the student's knowledge of different fields in human geography. The contents of the programme can be designed according to your interest. Available specialisations in landscape studies, population geography, migration, economic geography and urban processes are possible. The programme offers possibilities for field studies. There are three compulsory courses in the programme: History of Geographical Thought, one of the three thematic courses (Migration and Social Change – a Life-Course Perspective; Globalizing Economies – Cities and Firms in Networks; and Landscape – Past and Present) and a master's thesis in

Human Geography, corresponding to a total of 60 credits. In addition, courses in Human Geography amounting to at least 45 credits must be included and there is also the possibility of including courses in other relevant subjects amounting to a maximum of 15 credits. The programme leads to a Master's degree in Human Geography, qualifying the holder to participate in research and development work and to do advanced applied work. Potential employers are found both nationally and internationally, often in the public sector but also in private firms. The Master's Programme in Human Geography also constitutes a basis for doctoral studies at a university.

Admission Requirements:

Bachelor's Degree including at least 90 credits in human geography, geography, urban and regional planning or equivalent.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/info/index/SKULO/en>

Email: studievagledare@humangeo.su.se

Master's Programme in Information Systems Management 120 credits

Information Technology is opening up unprecedented opportunities for creating flexible and innovative organisations and societies. This development will require leaders with a thorough understanding of IT and its application to business and societal challenges.

With the Information Systems Management programme, students will acquire the knowledge and skills needed to use cutting-edge IT for solving both organisational and societal problems. The programme focuses on the design, implementation, usage, and evolution of information systems. Students will acquire in-depth knowledge of information systems design and architecture including requirements engineering, service oriented architectures, and agile systems development.

Students will also develop a strong understanding of the role of IT in supporting and transforming organisations and networks, for example value network design, enterprise systems, business process management, and business intelligence.

Graduates of the programme will find positions as IT architects, enterprise architects, project managers, database administrators, systems analysts, and application developers. They may pursue their careers in a variety of organisations, including large and mid-size corporations, public sector agencies, and NGOs. Graduates may also enter PhD programmes for a career in research.

Admission Requirements:

A Bachelor's degree or a degree equal to 180 credits with a minimum of 90 credits within computer and systems sciences (e.g., computer science, systems science, informatics, information systems etc.).

English B (Swedish upper secondary school course) or one of the following: IELTS: 6.5 (minimum of 6 in each subtest). TOEFL (computer based): 233 with minimum written (TWE) score of 18; TOEFL (paper based): 577 with minimum written (TWE) score of 50. TOEFL (internet based): 91 with minimum TWE score of 13. Also accepted: UEEC, CULT and CPE. See Application and information (below) for details.

Application and Information: <http://sisu.it.su.se/search/info/SAISO/en>

Email: master@dsv.su.se

Master's Programme in International and Comparative Education

120 credits

The overall aim of the programme is for students to acquire or update knowledge and analytical skills in educational policy, management, reform and evaluation. The programme gives international, global and comparative perspectives on these areas, examining cross-disciplinary, cross-cultural and developmental dimensions. The programme comprises 120 credits and its duration is four terms. More specially, participants in

the programme will acquire knowledge about the interaction between individual and societal factors, as well as informal, non-formal and formal learning at different levels, from the pre-school level to higher education, internationally and comparatively. This programme is available both as a distance education programme and as an on-campus programme.

Admission Requirements:

Bachelor's degree in the Social Sciences or a Teacher's certificate, or its equivalent, corresponding to 180 higher education credits or 120 credit points defined in accordance with the rules regulating Swedish higher education – equivalent to about three years of full time study.

A good mastery of the English language. Foreign students with English as second language must be able to verify their language proficiency (i.e. in the case of TOEFL, a minimum score of 550 points is required).

Application and Information: <http://sisu.it.su.se/search/info/SCIEO/en>

Email: vladimir.vesovic@ped.su.se

Master's Programme in IT Project Management 120 credits

Information technology is increasingly important for almost all companies today, be it something as simple as e-mail or large-scale enterprise systems that help organisations track customers, do invoicing, or construct buildings using CAD. Most of these systems started as a project with a project manager, a project team, and a great idea.

Students in the Master's Programme in IT-Project Management will acquire the knowledge and skills needed to run projects as a project manager in the field of Information and Communication Technology. Students will learn the necessary tools such as project planning, economics, agile models, negotiation techni-

ques, corporate law, and much more. This programme is given online which means that students have the opportunity to study at their own pace, fitting their situation and specific needs. All courses will be available through our learning platform giving students the freedom of being location independent. Teachers and tutors from academia and industry will give students support and students will be required to do on-the-job training during their studies.

Graduates of this program will find positions as project managers in almost any field of the IT-industry, in large or small organisations. Graduates may also enter PhD programs for a career in research.

Admission Requirements:

A Bachelor degree or a degree equal to 180 credits, with a minimum of 90 credits within computer and systems sciences (e.g., computer science, systems science, informatics, information systems etc.).

English B (Swedish upper secondary school course) or one of the following: IELTS: 6.5 (minimum of 6 in each subtest). TOEFL (computer based): 233 with minimum written (TWE) score of 18; TOEFL (paper based): 577 with minimum written (TWE) score of 50. TOEFL (internet based): 91 with minimum TWE score of 13. Also accepted: UEEC, CULT and CPE. See Application and information (below) for details.

Application and Information: <http://sisu.it.su.se/search/info/SITPO/en>

Email: master@dsv.su.se

Master's Programme in Management Studies 120 credits

Utilizing the School of Business' long-standing expertise in management and organization research, this master's programme integrates advanced social science perspectives and methods to address managerial and organizational practices and understand the social and political context they are embedded in. The programme deals with key issues facing people in contemporary organisations, including strategic management, organizational change, leadership, knowledge work, power, and globalization. This gives you the necessary knowledge and skills to critically analyze and deal with the forces and practices that shape and change the future of management and organisations. The programme provides a solid background for students pursuing a career in management, consulting and government, and for students pursuing an academic career in research and teaching.

In the first semester you develop an advanced understanding of core management and organization theories, the societal context of management and organisations, and cutting edge research pursued by

faculty members in the School's Management, Organisation and Society Group. The second semester deals with key issues in strategic management, organizational change and leadership. In the third semester you may broaden or specialize your interests by choosing between a number of electives offered by the School or by other departments in the Faculty of Social Sciences. Students from within the EU and Nordic countries also have the option of international exchange. The fourth semester is devoted to social science methods and to the master's dissertation. The dissertation enables you to further advance the skills and knowledge you have developed through the taught courses by applying relevant theoretical perspectives and social science methods in an empirical setting. The dissertation is a scholarly piece of work where you are expected to make a contribution to both research and practice.

Successful applicants are required to hold a bachelor's degree, preferably with a strong major in a social science or humanities discipline.

Admission Requirements:

A Bachelor Degree in Social Sciences or a Bachelor degree in Humanities.

English B (Swedish upper secondary school course) or equivalent or one of the following tests: Cambridge CPE och CAE: Pass. IELTS; 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written test part). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/search/info/SMANO/en>

Email: mastersprogrammes@fek.su.se

International Master's Programme in Political Science 120 credits

The International Master's Programme in Political Science has a stress on broad courses aimed at increasing the employability of the students. The programme also provides options that prepare students for further research, and includes advanced courses in political science that aim to increase students' analytical skills and research competence.

The programme includes a mix of mandatory and

optional courses. The latter include a number of thematic courses representing eight sub-disciplines in political science. All facultative courses are also free-standing, and can be taken outside the programme. During the third semester students may undertake a workplace internship, corresponding to 15, 22.5 or 30 credit points. During the same semester students may also read optional courses at overseas institutions.

Admission Requirements:

A Bachelor of Arts Degree (180 ECTS credit points or the equivalent), with a major in political science.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/info/STVEO/en>

Email: internationalmaster@statsvet.su.se

Master's Programme in Social Anthropology 120 credits

The Department of Social Anthropology at Stockholm University is committed to a global and comparative perspective toward the diversity of social and cultural forms of the contemporary world.

The Master's Programme in Social Anthropology provides a comprehensive advanced level education in Social Anthropology, aimed at giving students a thorough knowledge of anthropological theory and methods.

Compulsory courses are Philosophy of Science for Anthropologists, The History of Anthropological Theory, and Anthropological Methods. Elective courses

reflect the research interests at the department and will vary between terms. During the second year, students get the opportunity to formulate a research project and carry out fieldwork or gain practical work experience before writing their thesis. The master's thesis (30 credits) is written during the final term. The thesis topic is freely chosen in consultation with an advisor.

Undergraduate credits in anthropology are recommended but not compulsory. The selection is based on the quality, quantity and relevance of your previous studies.

Admission Requirements:

Bachelor of Arts or equivalent. 180 credits or the equivalent.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/search/info/SANTO/en>

Email: studievagledare@socant.su.se

Master's Programme in Social Anthropology (CREOLE) 120 credits

CREOLE is a specialized master's programme in social anthropology that provides a comprehensive education in social anthropology. It addresses three main areas: transnational processes, cultural differences and new forms of identity. These are treated within three main fields: new identities, material culture and consumption, and visual culture and popular culture.

The CREOLE programme includes an exchange component in which students spend two terms abroad at one or two of the following partner universities: Universität Wien (Austria), Universitat Autònoma de Barcelona (Spain), Univerza v Ljubljani (Slovenia), Université Lumière Lyon 2 (France), and National University of Ireland-Maynooth (Republic of Ireland). Studies are flexible and allow for the creation of

individual programs tailored to each student's interests. Obligatory courses are Philosophy of Science for Anthropologists, The History of Anthropological Theory, and Anthropological Methods. Elective courses vary from semester to semester. The master's thesis comprises one semester (30 credits) and is preceded by a period of fieldwork. The subject of the thesis is freely chosen within the overarching theme of the programme, and is decided upon in consultation with the thesis advisor.

Admission is limited to six students per academic year. The selection is based on the quality, quantity and relevance of your previous studies.

Please note that the deadline for application to this programme is April 15.

Admission Requirements:

Bachelor of Arts or equivalent. 180 credits or the equivalent.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/search/info/SCREO/en>

Email: studievagledare@socant.su.se

Master's Programme in Statistics 120 credits

Statistics is an important science and an essential tool in social planning as well as in almost all empirical sciences; examples include research in pharmacology, biology, economy, and psychology. The science of statistics is also used in industry when developing new products, production planning, and controlling quality of produced items.

The Master's Programme in Statistics gives a general and firm foundation of statistical theory and statistical methods. Originating from this theory and based on the students' interests, it is possible for the student to specialise in analysing problems in some particular area of applications. The aim of the programme is to give the student both greater breadth and greater depth within

the discipline of statistics. After completion of the programme the student will be qualified to work with qualified statistical analysis in the private or the public sector or to continue with doctoral studies in statistics.

The programme consists of both mandatory and optional courses, as well as a final degree project. Mandatory courses cover the following subjects areas: mathematics, probability theory, statistical inference, statistical computations, and statistical methods. The programme also includes a number of optional courses, covering topics such as biostatistics, experimental planning, survey sampling, and methods for regression analysis.

Admission Requirements:

Bachelor's Degree including at least 90 credits in Statistics or equivalent.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/search/info/SSTAO/en>

Email: par.stockhammar@stat.su.se

Master's Programme in Strategic IT Management 120 credits

This programme is aimed at those interested in leadership and management of companies and other organisations. Today, IT plays a very important role for leadership and management in all organisations. Based on modern IT, new forms of organisations such as networks and virtual organisations and meeting places have emerged. In order to develop and maintain the efficient use of scarce resources now and in the future, deep and up-to-date knowledge of information systems and organisations is necessary. Therefore, the programme combines a business administration approach to effective management and organisations with information technology's potential to manage modern organisations.

The programme is designed for students with a bachelor's degree in either business administration or computer and systems sciences, for example computer

science, system science, informatics, information systems, etc. Since students may have different backgrounds the programme starts out with a levelling term to ensure a basic knowledge in the complementary area. The core of the programme consists of courses on strategic IT management, service marketing and management, organisational change, and decision support and analysis. After this phase students can choose to focus on either Business Administration or Computer and Systems Sciences. Each specialisation track consists of a variety of elective courses from which students compose their own combination as well as writing the master's thesis.

Graduates of this programme will find positions as managers in midsize or large companies and other organisations. Graduates may also enter PhD programmes for a career in research.

Admission Requirements:

Bachelor's degree in either business administration or computer and systems sciences (e.g., computer science, systems science, informatics, information systems etc.)

English B (Swedish upper secondary school course) or one of the following: IELTS: 6.5 (minimum of 6 in each subtest). TOEFL (computer based): 233 with minimum written (TWE) score of 18; TOEFL (paper based): 577 with minimum written (TWE) score of 50. TOEFL (internet based): 91 with minimum TWE score of 13. Also accepted: UEEC, CULT and CPE. See Application and information (below) for details.

Application and Information: <http://sisu.it.su.se/search/info/SITMO/en>

Email: master@dsv.su.se

Master's Programme in Survey Methodology and Official Statistics

120 credits

Statistical data play a key role in almost all fields of our society, including inflation, income inequality, welfare, public opinion polls, ecology, and GDP. IT development has led to more, faster and better statistical data today than ever before. Today much social and behavioural research is based on sample surveys, registers or general statistics. The need for skilled researchers and statisticians has increased and can be expected to continue to increase in the future. The Master's Programme in Survey Methodology and Official Statistics will give you greater ability to conduct surveys, to produce interesting information from available sources, and critically

interpret and use statistics. The programme will be conducted in cooperation with Statistics Sweden as well as private survey companies. It consists of three parts: a general theoretical basis for all types of statistics, courses that are especially appropriate for those who want to work with surveys or official statistics, and thirdly, practical work in different courses and a Master's thesis. After completing the programme, you will have good qualifications to work as a statistician or a survey leader in private companies or in government organisations, or to continue with doctoral studies in statistics.

Admission Requirements:

Bachelor's Degree including at least 90 ECTS credit points in Statistics or equivalent.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/search/info/SSUSO/en>

Email: par.stockhammar@stat.su.se

Master's Programme in Urban and Regional Planning 120 credits

Urban and regional planning is constantly challenged by the transformation of society as well as by changes in our knowledge about and understanding of the world. This means that the values, applications and “truths” of planning have to be continuously critically assessed and evaluated. This multidisciplinary programme is designed for students who wish to deepen their knowledge of the terms and conditions of planning in Sweden and internationally. It is intended for those who have a recent undergraduate degree as well as those who have some working experience and who wish to gain new impulses and insights. The programme is linked to the research profile Urban and Regional Planning: Environment, Gender and Equity.

Compulsory courses are: Policy and Planning Theory, 15 credits, Urban and Regional Planning and Policy in

Europe, 15 credits, and Master's Thesis in Urban and Regional Planning, 30 credits. In the student study plan individual preferences can be met by optional courses at the departments of Archaeology and Classical Studies, Economics, Economic History, Ethnology, Religion and Gender Studies, Human Geography, Physical Geography and Quaternary Geology, Political Science, Sociology, and Statistics. One semester can be spent at a university abroad. The two-year Master of Science in Urban and Regional Planning will provide students with qualifications which give an obvious entry point for careers in process management and qualified analytical, development and administrative work in planning at local, regional, national and international levels. The degree offers an excellent grounding for students wishing to pursue a doctorate.

Admission Requirements:

Bachelor's Degree, including at least 90 ECTS credit points in human geography, geography, urban and regional planning, statistics, economics, sociology, political science, economic history, archaeology, earth science, environmental management, tourism or from other university education relevant for planning.

English B (Swedish upper secondary school course) or equivalent, or one of the following tests: Cambridge CPE and CAE: Pass. IELTS: 6.0 (with no part of the test below 5.0). TOEFL (paper based): 550 (with minimum grade 4 on the written section). TOEFL (computer based): 213. TOEFL (internet based): 79.

Application and Information: <http://sisu.it.su.se/search/info/SSAMO/en>

Email: studievagledare@humangeo.su.se

Located in the middle of the world's first national city park, yet close to the heart of the city, Stockholm University is characterised by beautiful natural surroundings, historical environs, and access to the dynamism of the capital and Sweden's largest job market.



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● = Starts Autumn 2011 and Spring 2012. All other programmes start autumn 2011 only.

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Visitors: Thursdays 10–12^{AM} (Swedish time)

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Final application dates
for autumn 2011:

15 January

for spring 2012:

15 August

How to Apply

A simple step-by-step guide

1. Find a programme or course in this catalogue (pages 16–56)
2. Check that you meet the admission requirements for the programme you have chosen
3. Apply online by following the link that accompanies each programme description
4. Send your documents to the Swedish National Admissions Office
5. You will be notified of the results of the selection process via www.studera.nu/english

For complete information regarding how to apply to study at Stockholm University, see www.studera.nu/english

For more information, visit
www.su.se/english

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