



# University of Gävle



# Table of Contents

|   |           |
|---|-----------|
| <b>The University of Gävle</b>                                  | <b>4</b>  |
| <b>Internationalisation in Education</b>                        | <b>6</b>  |
| <b>Department of Business Administration and Economics</b>      | <b>8</b>  |
| <b>Department of Caring Sciences and Sociology</b>              | <b>10</b> |
| <b>Department of Education and Psychology</b>                   | <b>12</b> |
| <b>Department of Humanities and Social Sciences</b>             | <b>14</b> |
| <b>Department of Mathematics, Natural and Computer Sciences</b> | <b>16</b> |
| <b>Department of Technology and Built Environment</b>           | <b>18</b> |
| <b>Education</b>  | <b>20</b> |
| <b>Distance Education/Learning</b>                              | <b>22</b> |
| <b>Research</b>   | <b>24</b> |
| <b>Library</b>  | <b>25</b> |
| <b>Regional Cooperation</b>                                     | <b>26</b> |
| <b>Encouraging Environmental Responsibility</b>                 | <b>27</b> |
| <b>Equal Opportunity</b>  | <b>27</b> |
| <b>Gefle Student Association</b>                                | <b>28</b> |
| <b>The Municipality of Gävle</b>                                | <b>29</b> |
| <b>Study Programmes</b>   | <b>30</b> |
| <b>International Cooperation Partners</b>                       | <b>30</b> |

# The University of Gävle

*Established in 1977, the university has expanded rapidly and currently comprises six departments that offer over 50 degree programmes and 800 elective courses.*

There are 13,000 registered students at the University of Gävle. Half of these students come from the surrounding region; the other half come from other parts of Sweden. Slightly over 50% of the students are female, and the number of students with ethnic backgrounds other than Swedish is increasing each year.

The total number of employees is approximately 750. A high percentage of the academic staff has an international background, a fact that contributes to the university's on-going process of internationalisation.

**There are five academic profile areas:**

- **Mathematics, Natural Sciences, and Computer Science**
- **Technology**
- **Humanities and Social Sciences**
- **Teacher Training**
- **Health Care**

The cross-disciplinary study of social structures serves as a central theme within these profile areas, and contributes to a lively research environment. Moreover, extensive collaboration with colleges and universities, both nationally and internationally, extends research opportunities beyond the university's own campus area.

Gävle has all the advantages of a young and growing centre for higher education. Students and scholars from the region as well as from abroad thrive in an academically stimulating environment dedicated to learning and teaching.



### Facts in brief

13,000 students; 750 employees, including 430 faculty, of whom over 30 are full professors and approximately 150 are senior lecturers.

### Landmark dates:

- 1977 Founding of the university
- 1996 Inauguration of the new campus
- 1999 Addition of Department of Caring Sciences and Sociology
- 2000 Addition of Built Environment Research Division, formerly affiliated with the Royal Institute of Technology
- 2003 Addition of the Centre for Musculoskeletal research
- 2004 Awarded Environmental Certification ISO 14001 standard

The Municipality of Gävle, with 92,000 inhabitants, is situated on the eastern Swedish coast, an 80-minute train ride north of Stockholm and 60 minutes from Arlanda International Airport. The university campus is within walking distance from the town centre.



# Internationalisation in Educ



*International educational exchanges and academic cooperation across national boundaries have long been a tradition at Gävle. An increasing number of courses taught in English at the university open opportunities for foreign students to study here. The major part of this international collaboration takes place at the undergraduate and Master's degree levels.*

International mobility for Gävle students has mainly occurred within EU countries and with Australia. However, in the past few years, Gävle has established new academic contacts in countries such as South Africa and China, a development that adds to the university's global network of educational exchange.

Today the university has over 70 international exchange partnerships, resulting in an ever increasing number of international student exchanges. Moreover, the on-going international exchange of Gävle faculty and administrators creates a stable foundation for the university's international network of educational programmes and research projects.

The university's international mobility opportunities are maintained through bilateral partnership agreements. Housing accommodations as well as student mentors, through ESN (Erasmus Student Network), are made available to all international students. A basic beginner's Swedish language course is also offered.

#### **Courses offered in English at the undergraduate level:**

International Business, Economics, Law (*Department of Business Administration and Economics*)

Education, Health Education (*Department of Education and Psychology*)

Scandinavian Studies, Art and Culture, English (*Department of Humanities and Social Science*)

Geomatics, Industrial Engineering and Management (*Department of Technology and Built Environment*)

Outdoor Education (*Department of Mathematics, Natural and Computer Sciences*)

Sociology (*Department of Caring Sciences and Sociology*)

#### **Courses offered in English at the Master's level:**

Electronics/Telecommunication, one to two years

Energy Systems, one year

Geomatics – Land Surveying, two years

Industrial Engineering and Management, one year

Marketing Management, one year, distance course

University studies in Sweden are tuition free. However, tuition fees may be required of free-movers from outside the EU beginning in 2007/2008.

#### **International programmes in brief**

- **Socrates: Erasmus, Comenius, Grundtvig** (*EU, European Union*)
- **Nordplus** (*Nordic countries*)
- **Linnaeus-Palme, Swedish exchange programme** (*developing countries*)
- **Leonardo da Vinci, WiTEC, Women in Science and Technology, apprentice programme for female students**
- **IAESTE, apprentice programme for science and technology**
- **MFS, Minor Field Studies, field studies in developing countries**

#### **The Office of International Relations**

The university's international relations, foremost in the form of student and faculty exchanges, are coordinated by the Office of International Relations. It also administrates policy issues and development questions regarding international operations.

# Department of Business Administration and Economics

The Department of Business Administration and Economics, with over 3,300 students and 70 faculty and staff members, consists of three subject divisions:

- **Business Administration**
- **Economics**
- **Law**

The department offers courses in the following study programmes: Business Administration, Analytical Economics, Business Administration and Real Estate Technology and Real Estate Mediation. It is also involved in a Real Estate Agent programme, as well as an MBA in *e*-Business and an MBA in Marketing Management. Some of the study programmes, such as the Real Estate Agent programme, are unique in Sweden. In 2006, the department will also offer a Master's degree in Economics and a Bachelor's degree in Trade law.

In addition, students can take most of the department's modules as elective courses. There is also a selection of courses for those who want to complement their earlier education, for example, Tax law or Trade law. Students are free to influence and design their education in accordance to their specific needs. Thus, students acquire essential

skills and required knowledge to match the shifting demands of the labour market.

The Department of Business Administration and Economics works closely with local commerce and industry. Many of the courses are distance courses, and are adapted to suit the needs of those employed within the region. Approximately 40 different courses are offered in English, to exchange students as well as Swedish students. Swedish students majoring in business have the possibility of studying abroad at over 20 different universities. There is the possibility of obtaining a double degree in Germany and in the Netherlands. The department's international pursuits are strengthened by an extensive teacher exchange and research cooperation agenda.





# d Economics



# Department of Caring Sciences

The Department of Caring Sciences and Sociology was established in 1999 when the College of Nursing, founded over 100 years ago, merged with the University of Gävle. The department, with over 1,450 students and 70 faculty and staff members, consists of three subject divisions:

- **Nursing Science**
- **Medical Science**
- **Social Science**

The department is involved in three study programmes which lead to a Bachelor of Science in Nursing, a Bachelor of Science in Social Care or a Graduate Diploma in Specialist Nursing. In addition, the department offers many specialised and complementary courses.

**The Nursing Science division** offers courses within the Nursing programme and the Specialist Nursing

programme, and within a Master's degree programme. Courses emphasize a holistic view of Nursing Science, covering the human life cycle from birth to death, with the educational objective of increasing knowledge regarding methods of disease prevention as well as knowledge about how to regain health. Research within the Nursing Science division also involves such aspects of healthcare as quality of life, quality of care and the specific resources allocated to care.

**The Medical Science division** offers courses in anatomy, microbiology, pharmacology, psychiatry, gynaecology, medical and surgery specialities and emergency medicine. These courses are given as a part of the educational training for future nurses, and for continuing nursing education in primary care, psychiatry, anaesthesia and intensive care. Courses aim at providing both general knowledge of medical sciences and of current medical research in order to complement nursing education. The Master of Medical Science degree can be pursued by nurses who have a Bachelor of Medical Science in Nursing.

**The Social Science division** offers courses within a study programme for Social Care (Bachelor and Master of Science degrees) and courses in social work and sociology at different levels. The division has a very strong faculty of management and organisation sociologists. The two main areas of focus for research in the division are social perspectives on disability and social perspectives on aging. Particular research topics fall into the following areas: issues of discrimination against the elderly and discrimination against the disabled within the labour market, the situation of elderly migrants in Sweden, and coping strategies among older women with breast cancer.



# ces and Sociology



# Department of Education and Psychology

The Department of Education and Psychology was founded in 2001 when three different departments were incorporated into one. The department, with over 3,000 students and 75 faculty and staff members, consists of four subject divisions:

- **Education**
- **Curriculum Studies**
- **Psychology**
- **Community Health**

The Department of Education and Psychology offers courses that are included in a number of different study programmes such as the Teacher Training programme and the Health Education and Nursing programme. Courses in the divisions of Education, Curriculum Studies, Psychology and Community Health can lead to degrees at the Diploma, Bachelor's and Master's levels. The department also provides commissioned courses in different subject areas. Planning for these courses occurs

in close collaboration with the commissioning organisations, which ensures quality in both course design and course instruction.

**The Education division** offers courses that address issues of education, upbringing, teaching and institutional structures that are socially significant. Research conducted in the division examines the ideas and concepts that affect upbringing, learning, health supporting activities and activities in working life. General pedagogy, special pedagogy and health pedagogy are subject profiles that students can select.

**The Curriculum Studies division** offers several different specialisations, including drama and multicultural and traditional music. Through our collaboration with partner schools in the local area, there are excellent opportunities for students to carry out their teaching practice. Active in-service school teachers are employed part-time at the division, strengthening our teacher training classroom instruction.

**The Psychology division** offers courses in the areas of developmental psychology, cognition, learning, social



# d Psychology

psychology and personality. There are also courses in the fields of criminal psychology, environmental psychology and work psychology. Students at the advanced levels complete research projects in areas related to current research topics which include child language, judgements, vision and the psychology of gender. In addition, there are courses in public health with focus placed on how different factors can affect our health, for example, life-style choices and environmental factors.

**The Community Health division** was founded in 2003. The division's main objective is related to teaching and research within the area of social health, for instance epidemiological issues. Research has an international emphasis and is carried out in collaboration with a number of international contacts as well as with institutional partners in Sweden including Karolinska Institutet, Stockholm University, Karlstad University and Uppsala University Hospital.



# Department of Humanities and Social Sciences

The Department of Humanities and Social Sciences, with over 3,300 students and 80 faculty and staff members, consists of six subject divisions:

- **History and Political Science**
- **Cultural Studies**
- **Literature and Swedish Language**
- **Media, Communication and Film studies**
- **Modern Languages**
- **Religious Studies**

The department's course offerings are included in 15 different degree programmes, the most prominent programmes being Teacher Training and Politics and Media. The Teacher Training programme prepares students for the teaching profession, from pre-school to upper secondary, and includes important subject pedagogy elements as well as in-field training opportunities. The degree programme Politics and Media is a relatively new programme offering students the possibility to specialise in either media studies or political science. A Graphic Storytelling and Sequential Arts programme was recently established at the department and is nationally unique in its emphasis on the production of comic strips.

**The History division** provides courses that treat history not only from a chronological perspective but also

thematically and offers, for example, specialisations in Scandinavian history. In **the Political Science division**, focus on politics and public administration is of significant concern.

**The Cultural Studies division** emphasizes the relationship between scientific inquiry, creativity and the learning process.

Women's literature, gender theory and creative writing are among the course offerings that complement literary history courses in **the Literature division**.

**The Media, Communication and Film Studies division** offers courses that examine the societal context in which various media function as well as providing more specialised courses in project management and the role of film in propaganda. **The Modern Languages division** offers a wide range of courses in language proficiency, linguistics, literature and creative writing.

**The Religious Studies division** offers courses spanning such diverse themes as "Religion and Health in a Global Perspective", "Shamanism" and Jungian psychology in addition to courses in ethics.

Research is conducted in the area of social and cultural identity formation and in the field of critical pedagogy. The department's faculty are actively involved in research projects that have direct relevance to the content of in-class teaching and curriculum development.

# nd Social Sciences



# Department of Mathematics, Natural and Computer Science

The Department of Mathematics, Natural and Computer Sciences, established in 1993, with over 3,300 registered students and 86 faculty and staff members, consists of three subject divisions:

- **Mathematics and Statistics**
- **Natural Sciences**
- **Computer Science**

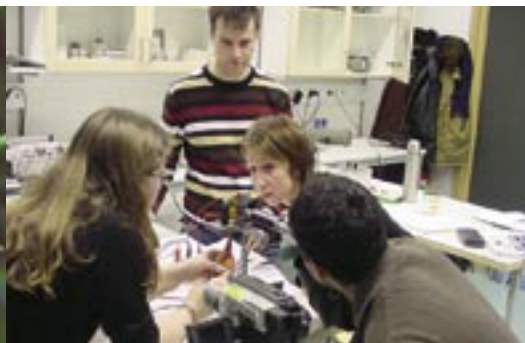
**The Mathematics and Statistics division** offers courses up to the Master's level in mathematics. Examples of research areas include work in fields ranging from algebraic geometry and commutative algebra to representation theory, where a main interest is D-module theory. Other research interests are in the areas of quantum integral systems and its spectral theory, as well as statistical causal inference.

**The Natural Sciences division** offers courses in biology, chemistry, physics, physical activities and health and outdoor education. Research areas include soil ecology, specifically nutrient dynamics above and below ground biomass, and root demography in forest soils. An additional research area is that of applied biology, in collaboration with the Laboratory of Applied Psychology

and Green Chemistry, with emphasis on indoor air quality and environmental catalysis.

**The Computer Science division** is involved in a Master's degree in Decision, Risk and Policy Analysis. Research within the division focuses on computer graphics and visualization, multi-agent systems, decision-making, and modelling and simulation of complex systems. Applied research is carried out in two projects: Creative Media Lab (CML), which provides a creative meeting place for companies, regional business, researchers and students, and *Viskom* – a project that aims at bringing research results in visualization to local companies. Field trips, laboratory work and company-based projects promote a creative study environment. The department offers several courses in English, for example: Introduction to System Analysis, Modelling and Animation, Digital Post-production and Multi-media, Character Animation, Outdoor Education, Applied Mathematics for Electrical Engineers, Electromagnetic Fields and Fields and Waves.

The department has well-established collaborations with other universities in Sweden and abroad and gives students the possibility of pursuing part of their studies at a foreign university.





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# Department of Technology and Built Enviro



The Department of Technology and Built Environment was established in 2002 by merging two departments, the Department of Technology and the Department of Built Environment. The department, with over 2,200 students and 120 faculty and staff members, comprises six subject divisions:

- **Building Science**
- **Electronics/Microwave**
- **Energy and Mechanical Engineering**
- **Indoor Environment**
- **Industrial Engineering and Management**
- **Geomatics**

The department offers courses in different areas such as Building Science, Electronics, Energy, Geomatics, Industrial Engineering and Management and Design and Wood Technology. The department is involved in various Bachelor's and Master's programmes in engineering. The department's laboratories contain modern equipment and maintain very high standards. Courses in the Master's programmes in Electronics/Telecom, Geomatics – Land Surveying, Energy Systems and Industrial Engineering and Management, are all held in English. The department has well-established collaborations with companies in different sectors all over Sweden. This gives students the possibility of carrying out their thesis work within company settings and environments.

## **Buildings and Building Materials**

Research projects focus on the lifetime expectancy and maintenance periods for building parts and measuring procedures, and on the characterizing and modelling of degradation environments. Environmental assessments and urban climate are other research areas. Laboratories contain modern equipment, including a scanning electron microscope and an x-ray diffraction instrument.

## **Electronics/ Microwave**

This research area consists of disciplines such as solidstate electronics, microwave technique and signal processing. Emphasis is placed on wireless communication, for instance, cellular phones. Research is conducted in close cooperation with the industrial sector located in the region.

## **Indoor Environment and Energy Technology**

Research focus is on the creation and maintenance of inhabited indoor spaces and environments, on questions related to technology and human response and on required thermal and air quality conditions in uninhabited enclosures. Another field of research is the rational use of energy and conversion to renewable energy sources. Experimental and numerical investigations in combination with applied psychology are carried out in advanced laboratories for indoor environment and energy.

## **Industrial Engineering and Management**

Research is focused on innovation management, including logistics, production organisation, supply-chain management and environmental management within the industrial sector. Central areas of concern are, for instance, the analysis of management strategies and their effects on working conditions and business performance, the methodologies for implementing quality and environmental management systems and on control and learning in team-based organisations as well as project-based learning.

## **Geomatics**

Research is focused on data acquisition techniques (laser scanners, thermographs, GPS and radar), spatial data infrastructures (data usability, reference systems, web services) and spatial modelling (DTM, urban modelling). Important application areas include the building sector, industries, e-government, and risk and environmental issues.



# Education

*The University of Gävle offers a wide range of academic programmes and attracts students from all parts of the nation. Many of these programmes, for example Geomatics-Land Surveying and Health Education, are offered solely in Gävle. The university also has a long standing tradition of offering teacher education. The current teacher training programmes are geared towards the pre-school, primary and secondary school levels.*

## **Courses and Programmes**

Students may choose among over 800 individual course options and 50 academic degree programmes. The majority of these courses and programmes are offered within the humanities, social sciences, mathematics and natural sciences. Courses can be combined to form the basis of a degree or they can provide professional development opportunities for those already working in their chosen field. Plans for additional 2-year Master's degree programmes are being developed in accordance with the Bologna process.

## **Semester and Credit System**

A Swedish academic year consists of two semesters. The autumn semester begins at the end of August and extends to the end of January. The spring semester begins at the end of January and concludes at the beginning of June. Full-time study in Sweden is considered to be 20 weeks per semester, which corresponds to 20 Swedish credits. Consequently, one year of full-time study is worth 40 credits. University courses are worth either 5 or 10 credits. One Swedish credit point is equivalent to 1,5 ECTS credit. (European Credit Transfer and Accumulation System).

## **European Credit Transfer and Accumulation System (ECTS)**

The European Credit Transfer and Accumulation System was developed by the European commission. ECTS is a part of the EU educational programme Erasmus. One of the main goals is the promotion of academic recognition throughout the European Union. This system makes it easier for institutions to recognize the learning achievements of students through the use of commonly understood measurements – credits and grades – while also providing a means to interpret national systems of higher education.



ECTS is a credit system based on student workload. The basic allocation of academic credits in ECTS is 60 credits per year of study or 30 credits per semester.

### **Academic degrees**

*Högskoleexamen* (University Diploma) is obtained after a minimum of 80 credits.

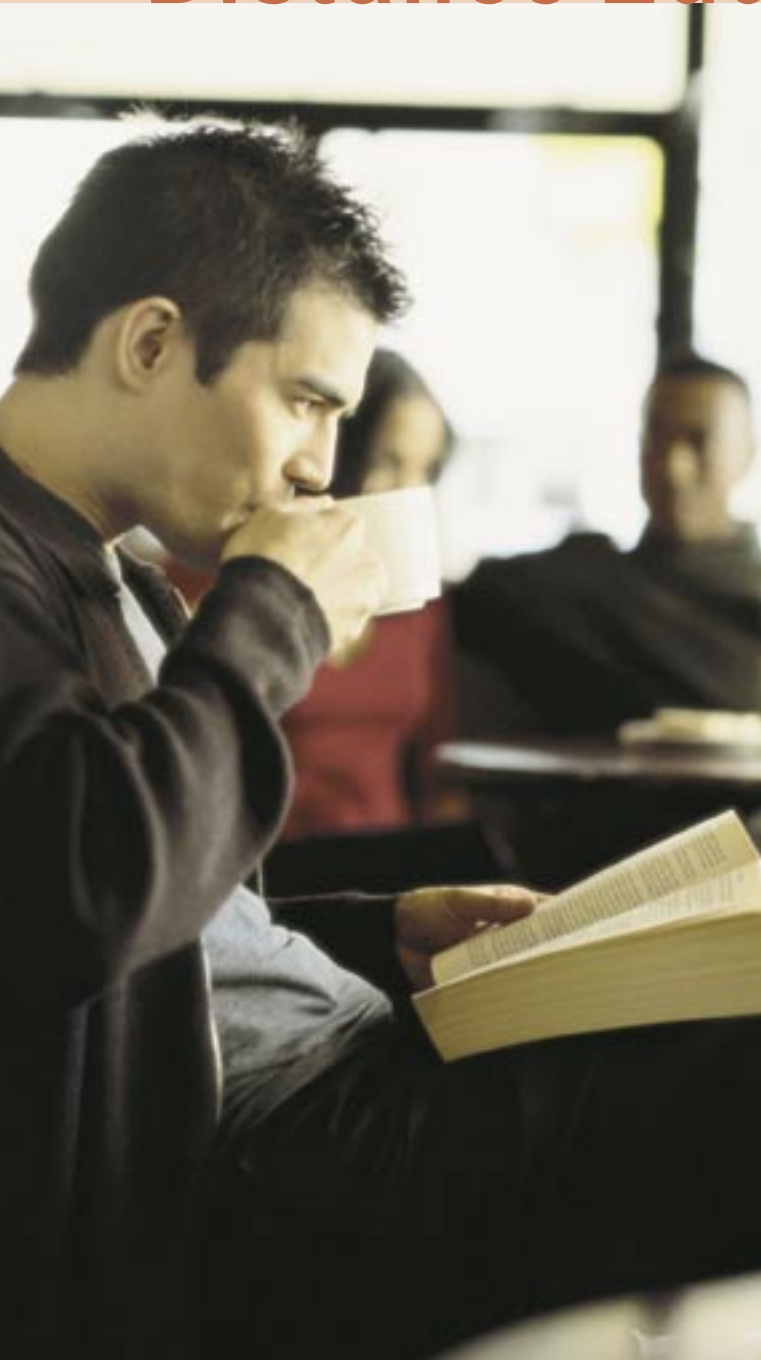
*Kandidatexamen* (Bachelor's degree) is obtained after a minimum of 120 credits, of which 60 of these credits must be in the student's major subject. The major subject must also include one degree thesis comprising at least 10 credits.

*Magisterexamen* (Master's degree) is obtained after at least 160 credits, of which 80 of these credits must be in the major subject. The major subject must also include one degree thesis comprising at least 20 credits or two degree theses of 10 credits each.

*Yrkesexamen* (Professional degree) In addition to the above-mentioned general academic degrees there are also professional degrees, whose specific objectives are stated in the Degree Ordinance. Professional degrees range in scope from 40 to 220 credits. Teacher training degrees and degrees in engineering are examples of *yrkesexamen*.



# Distance Education/Learning



*The University of Gävle has a long tradition of offering distance education courses. Over the years the university has become one of the leading institutions within the area of distance teaching and learning. Nearly one-third of the undergraduate courses are conducted in distance education formats. The number of distance education course offerings is large and teaching formats range from a mixture of video conferences and on-site seminars to totally Internet-based courses.*

Distance education allows the university to reach a broad target group of students. For example, by enrolling in the distance courses, individuals can develop academically and be inspired personally, even if they live and work in different regions of the country. In contrast to more traditional study forms, distance learning leads to increased freedom for students to plan their study periods, and leads to a greater portion of independent study practices. Students, however, need not work in isolation. The use of educational Internet platforms provides opportunities for virtual classroom contacts and the possibility of working in groups.

The *Learning Center* offers IT support for students and teachers as well as for the distance education learning centres located at various locations across Sweden. The local learning centres of Swedish municipalities play an important role in distance education courses. These local language learning centres, with their computers, Internet access connections and video conference studios, serve as a place where students, teachers and advisors meet. There is even the possibility of taking course exams at these local learning centres.

### **Educational networks**

Over the years, the University of Gävle has collaborated with *Nätverket för kommunala lärcentra* (Network for Municipal Learning Centres), an association of 136 municipalities in Sweden and Finland. The university is also affiliated with *Nätuniversitet* (Net University), which serves as a coordinating site linking distance education courses from 35 institutions of higher education in Sweden.

### **International perspectives**

*e-Business*, an Internet-based educational programme in English that includes teacher interaction with instructors at universities in the US, offers courses at the Master's degree level.

A course in cultural encounters and religion within a global development network is offered in collaboration with institutions of higher education in Spain and includes links with countries in Africa and Asia. Video conferences play an important role in this course.

Creative writing in English is another totally Internet-based distance course that is offered. This course incorporates the use of an educational platform and writing tutors from the United States.



# Research



Research activity is characterised by basic scientific inquiry and the relevant application of research results. “Sustainable Living Environments” and “Sustainable Work Life” are two of our overarching research profiles. The following thematic research clusters have been developed within these two profiles:

**Built environment research**, with its sub-divisions

- indoor climate and energy
- geomatics
- real estate enterprise
- applied materials science, special emphasis on building materials

**Electronics** with special emphasis on telecommunication

**Working life and development of enterprises**

**Culture, identity, and society**

**Societal conditions and sustainable lifestyles**

**Education and learning in school and professional life**

**The Centre for Musculoskeletal Research** comprises an additional thematic research area.

Collaboration with the University of Dalarna includes joint research endeavours as well as graduate study programmes. Gävle is also a member of a joint-action organisation, Penta Plus, which aims to develop and strengthen research efforts between its members. Other Penta Plus members are Karlstad University, Mälardalen University, University of Dalarna and Örebro University.

Gävle is also involved in four national graduate school networks: 1) The Graduate School for Built Environments, headed by the Royal Institute of Technology; 2) The Graduate School for Telecommunication, headed by the Royal Institute of Technology; 3) The Graduate School for Gender Studies, headed by Umeå University; and 4) The Graduate School for Swedish language studies and Didactics, headed by Växjö University.



# Library



A new university library is currently under construction, and is due to be completed in December 2005. With an area of 4,000 square meters, 500 reading desks, 28 group study rooms, an enlarged area housing open-stack holdings and computer work stations, the new library will serve as a central site of exchange for students and faculty.

## **Information literacy**

Because skills in seeking facts and relative information is fundamental to independent and life-long learning, developing the information literacy of students is one of the library staff's highest priorities.

To support the process of learning and research, the library has the following aims:

- to provide a variety of both printed and an increasing range of electronic media resources, including an electronic library service that students and staff can access via the Internet, a particularly valuable service for distance students
- to hold courses in information searches
- to maintain well-developed research services

The library houses over 85,000 books and subscribes to 550 printed periodicals. A growing portion of the library's media resources is comprised of an electronic, full-text archive with periodicals or digital books and databases. Currently, students and faculty have access to over 8,000 electronic periodicals in full text form.





# Regional Cooperation

In addition to education and research, the university has another mission, one that reaches out to businesses and the surrounding community. The goal is to establish integrated forms of collaboration between the university and the region and to make this relationship a natural part of all aspects of education and research.

**Kontaktorget**, an administrative unit to promote collaborative projects, strategically assists students, faculty and companies in developing joint enterprises. This relationship is mutually beneficial. The University of Gävle, with its students, teachers and researchers, contributes to the growth of companies and the development of the region. At the same time, the university gains from the business community's know-how and experience as well as from the multiple input that society in general can make. Collaboration between the university and the surrounding community manifests itself concretely, for example, with the analysis of relevant issues in advanced-level student essays and research projects. Moreover, there are a number of contact persons who represent the university throughout the region, comprising a network of individuals who effectively develop collaborative projects by matching needs with specialised competencies.

The University of Gävle actively works toward building bridges between the university and the business com-

munity by arranging lectures, seminars, trade expos and recruitment days specifically designed to bring students into close contact with industry and corporate representatives. Sandvik, Ericsson Radio Systems, Korsnäs, Stora Enso and Lantmäteriet are among the larger corporations in the region that the university currently collaborates with.

**Drivhuset** is an institutional foundation whose aim is to inspire and support the enterprising efforts of students. A student's business ideas can be discussed and tested with the assistance of *Drivhuset*.

**Creative Media Lab** is a special unit that focuses on collaborative projects that involve information technology and the business community.

**PUX** is an organisation that helps coordinate pedagogical development in the region's schools.

Adjacent to the university's campus is Gävle Technology Park, which houses approximately 50 companies and 300 employees. This proximity creates an ideal situation where researchers from the university and other sectors can easily combine forces, most noticeably in the areas of information technology, geographical information systems, mobile communication and broadband research.



# Encouraging Environmental Responsibility



In 2003 the University Board revised the first objective of the University's environmental policy to read: Faculty, staff and students should be aware of their responsibility for the environment at large, and should have at least a basic understanding of the concept of sustainable development. The question of integrating these issues in education has been extensively discussed at the University of Gävle, and the ultimate aim is to include these issues in all relevant disciplinary courses.

In addition, faculty and staff are trained in environmental awareness. Audits are performed on a regular

basis, and objectives are continuously revised in order to assess ongoing environmental impact at the university. This can be accomplished, for instance, by making the use of resources more efficient. In 2004, after three-quarters of the staff and faculty had participated in basic environmental training, the use of paper had been reduced by 20% (two million arks). Extensive reports are submitted to the Government annually, and in July 2004 University of Gävle was the second Swedish university awarded the environmental management certification ISO 14001.

## Equal Opportunity

Equal opportunity and issues of diversity are central concerns at the University of Gävle. The university strives to create an environment free from discrimination and encourages the participation and responsibility of all.

The university's Council of Equal Opportunity oversees questions regarding equal opportunity and issues of diversity. In addition to this administrative responsibility, the council arranges open lectures that address topics related to these areas.

A number of special projects are aimed at altering the severe gender imbalance found in certain study programmes. One such project is aimed at changing the underrepresentation of women in the engineering programme by establishing a mentor organisation, by offering courses in leadership and by developing professional networks. There are also two smaller projects that aim to support male students within the teacher training and health care programmes.

In cooperation with the municipality of Gävle, the university conducts summer courses for youths between the ages of 14 and 17 as a way of attracting them to study programmes that they would normally not consider because of the gendered associations connected with these programmes in the past. Moreover, new educational forms are being explored, particularly within distance teaching and college preparatory courses, in order to recruit students from social groups less accustomed with university studies.

The university has the ambition of increasing gender awareness among its personnel. Teachers and researchers with gender studies backgrounds have been recruited and hired over the years. Gender perspectives are offered in a number of courses, and teachers are encouraged to enrol in them as part of their professional development. The university is also a collaborator in the national graduate gender studies network, which is headed by Umeå University.

# Gefle Student Association



The primary function of Gefle Student Association is to represent student interests on all of the university's advisory and decision making committees, helping to insure that quality is maintained in all of the academic programmes. Seeing to the needs of a stimulating student social environment is another priority. In addition, the association provides advice on financial, housing, personal and work related issues. Together with other student organisations, Gefle Student Association engages in national and international student related issues.

There are also social activities arranged by the association, for example a student pub, student radio broadcasts, and a student magazine. In addition, there are student societies connected to the association with a variety of academic programmes which cater to special interests such as music or are engaged in special topics such as environmental or international issues.

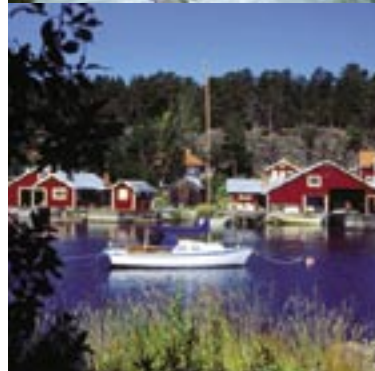


# The Municipality of Gävle

First established in 1446, the city of Gävle is situated on the Baltic Sea. Approximately halfway up the eastern Swedish coast, it is 80 minutes by train north of Stockholm and 60 minutes from Arlanda International Airport. Gävle has a population of 92,000 inhabitants and it has a long tradition as a port city. To this day, the harbour is a port of call for a steady stream of international ship traffic. Close to the city centre is the small fishing village of Bönan, which is known for its smoked Baltic herring.

Gävle is the administrative centre of the county of Gästrikland where the county governor resides in a castle that dates back to the sixteenth century. The city has many parks, among them Boulognerskogen which exists from the mid-1800s and was designed in the image of Bois de Boulogne in Paris. Rådhusplanaden is a centrally located green oasis with walkways lined with linden, fountains, sculptures, decorative garden plots and expansive grass lawns.

Gävle is a culturally dynamic city. It has its own symphony orchestra and theatre, art museum and a number of art galleries. For those interested in sports activities, there are golf courses, an alpine ski area, and salmon fishing in the vicinity.



# Study programmes in the following areas:

|   |  |
|---|--|
| Applied Physics   | Environmental Psychology                                   |
| Automatised Manufacturing                                   | Gardening  |
| Biology   | Geomatics  |
| Building Engineering, Architecture and Environment Analysis | Geomatics – Land Surveying                                 |
| Business Administration                                     | Graphic Storytelling and Sequential Arts                   |
| Business Administration and Facility Management             | Health Education   |
| Business Administration in e-Business                       | Indoor Environment   |
| Business Administration in Marketing Management             | Industrial Engineering and Management                      |
| Business Administration in Real Estate Brokering            | Industrial Management and Logistics                        |
| Computer Engineering  | Internet Technology  |
| Computer Science  | Man-Nature-Religion  |
| Creative Programming  | Manufacturing Technology                                   |
| Culture and Communication                                   | Mathematics  |
| Decision, Risk and Policy Analysis                          | Mechanical Engineering with Design and Production Technics |
| Design and Wood Technology                                  | Nursing  |
| Economics   | Politics and Media   |
| Education   | Real Estate Brokering                                      |
| Educational Drama   | Social Care  |
| Electrical Engineering                                      | Social Inquiry and Process Work                            |
| Electronics   | Specialist Nursing   |
| Energy Engineering  | Foundation Programmes                                      |
| Energy Systems  |  |

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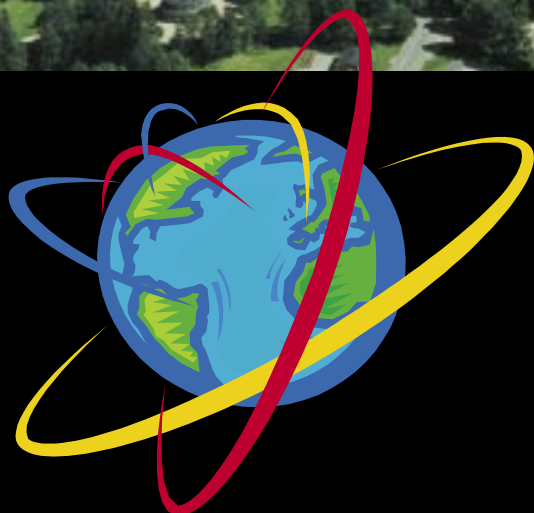
Published by the Office of International Relations, University of Gävle, Sweden, May 2005.

Design: The unit for Educational Information, University of Gävle.

Photo: Mats Jonholt, Jan Carlsson and the Municipality of Gävle's photo-library.

Printing: Edita Västra Aros AB, Västerås, Sweden. Edition 5000 copies.





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