



**ECTS Academic Guide  
and  
Erasmus Student Information  
Guide**

**2004 - 2005**

**Blekinge Institute of Technology**  
International Office

**[www.bth.se](http://www.bth.se)**

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**ECTS-Application form**  
**ECTS-Learning Agreement**  
**ECTS-Transcript of records**

Dear Erasmus Student,

We are very pleased that you have chosen Blekinge Institute of Technology for your period of study abroad.

Blekinge Institute of Technology is a quite young institution with about 5500 enrolled students, which corresponds to 3300 full time students, and 350 members of staff.  
We have a good amount of partner universities in Europe and a couple in North America, South Africa and Australia and we welcome around 50 exchange students every year.

We hope that your period at Blekinge Institute of Technology will be enjoyable and that you will have a pleasant stay in Sweden.

To help you prepare for your studies, we have arranged this information package, which includes a guide to the academic regulations, the courses we offer and useful information for your period with us.

We look forward to seeing you.

WELCOME!

Maria Engelmark  
Head of International Office

Nadège Nicolet  
International Co-ordinator

## 1. Preface

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This information package is a step towards an implementation of European Credit Transfer System (ECTS) at Blekinge Institute of Technology in Sweden. In this brochure you will find useful information about the University addressed to foreign students who would like to study in Blekinge as exchange students.

We sincerely hope that our present and future foreign students, and partner universities, as well as anyone else interested in becoming better acquainted with Blekinge Institute of Technology, will benefit from this ECTS information brochure.

## 2. ECTS

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The European Credit Transfer System's aim is to build bridges between European institutions and widen the choices available to students. The ECTS system makes it easier to transfer the result of courses taken in another country. This information package is a part of the ECTS system. Each institution participating in the system, engages itself to produce an information package, to give the courses credits according to the ECTS guidelines, and to use the ECTS Student Application Form, the ECTS Learning Agreement, and the ECTS Transcript of Records.

### **The Swedish Credit System and ECTS**

Academic achievements at Blekinge Institute of Technology are measured according to the Swedish credit system. One Swedish credit equals one week of full-time studies. As the length of the Swedish academic year is 40 weeks, one year of successful full-time studies equals 40 credits. Accordingly one term of successful full-time studies equals 20 credits.

The European Credit Transfer System was developed by the Commission of the European Communities in order to provide common procedures to guarantee academic recognition of studies abroad. One year of successful full-time studies according to the ECTS equals 60 credits. Consequently one Swedish credit equals 1.5 ECTS credits.

At Blekinge Institute of Technology students are awarded grades on three levels: fail, pass and pass with distinction. The following table shows ECTS grades with their Swedish equivalents:

<b>ECTS GRADES</b>	<b>SWEDISH GRADES</b>
A, B	Pass with distinction- VG
C, D, E	Pass- G
FX, F	Fail-U

### 3. Name and Address of the Institution

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Blekinge Institute of Technology  
S-371 79 Karlskrona  
Sweden  
Telephone: +46 455 38 50 00  
Fax: +46 455 38 50 57  
E-mail: [registrator@bth.se](mailto:registrator@bth.se)  
Internet: [www.bth.se](http://www.bth.se)

Office hours:  
Monday- Friday 8.00-16.00



### 4. The International Office

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#### **HEAD OF INTERNATIONAL OFFICE**

Maria Engelmark  
Blekinge Institute of Technology  
International Office  
Campus Gräsvik 30  
S-371 79 Karlskrona  
Sweden

Telephone: +46 455 38 52 02  
Telefax: +46 455 38 52 07  
E-mail: [maria.engelmark@bth.se](mailto:maria.engelmark@bth.se)

Office hours: Monday-Friday 9.00-17.00

#### **INTERNATIONAL CO-ORDINATOR**

Nadège Nicolet  
Blekinge Institute of Technology  
International Office  
Campus Gräsvik 30  
S-371 79 Karlskrona  
Sweden

Telephone: +46 455 38 52 37  
Telefax: +46 455 38 52 07  
E-mail: [nadege.nicolet@bth.se](mailto:nadege.nicolet@bth.se)

Office hours: Monday, Thursday and Friday 9.00-17.00 in Karlskrona  
Tuesday- Wednesday 9.00-17.00 in Ronneby

### 5. The Institute

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Blekinge Institute of Technology was established in 1989, with the name of University of Karlskrona/Ronneby and accepted its first students in the academic year 1989/1990. The university is located at three sites, Campus Gräsvik in Karlskrona, where a competence centre based on telecommunications is established, Soft Center in Ronneby, where the University Campus is located in a software competence centre and Campus Karlshamn oriented towards media technology.

As a small (approximately 5500 students) and relatively new university, it is important for Blekinge Institute of Technology not to scatter available resources in an attempt to imitate the large and more established universities and colleges. Both in terms of the subject breadth within the university as a whole, and in terms of individual subjects, the key word is **specialisation**. By concentrating efforts to specific niches, the preconditions for attaining depth of knowledge and competence of national and international standards can be created. The Institute has chosen to concentrate on Information Technology (IT), which involves development of both the core subject in depth and within a number of technological and social science applied subject areas.

Approximately 55% of the education is conducted within the area of Technology, 15% within Humanities, 15% within Social Sciences and 15% within Health Sciences.

### **International co-operation**

The aim of Blekinge Institute of Technology is to provide internationally competitive courses and to be in the forefront of the development of IT. The goal is to integrate international contacts into the University's research and teaching. International operations contribute to high quality education, preparing students for the working life. Preparation for future careers is stressed by the University, not only for those involved in exchange programmes abroad but also for students staying at the University to complete their studies. Such activities as personal exchange and curriculum development with international partners are thus of high priority. The University takes part in a number of major international exchange programmes such as Erasmus, Leonardo da Vinci, Nordplus and the nationally supported programmes Linnéus – Palme and MFS (Minor Field Studies). There are also bilateral agreements with universities in the USA, South Africa and Australia, and a large part of the University's research is conducted together with international partners. The University is also a member of international networks such as AESOP, the Association of European Schools of Planning.

## **6. The Schools of Blekinge Institute of Technology**

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Blekinge Institute of Technology has four schools:

- **Engineering**
- **Health Science**
- **Management**
- **Techno-culture, Humanities and Planning**

## **7. School of Engineering**

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## **8. School of Health Science**

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### **General Description**

The School of Health Science is responsible for the academic areas Caring Science and Public Health. The following study programmes are available at the department; the Nursing programme and specialist-nursing programme with major in Anaesthesia, Intensive Care and District Nurse.

In addition to the study programmes, the School of Health Science offers a wide range of short courses or modules (5-20 weeks) in Caring Science and Public Health, as well as supplementary- and commissioned education within the area of Caring Science. A Master of Science in Nursing is offered.

The department also take part in a network involving several European universities with the aim to develop a European Master of Science in Nursing in the nearest future. The department provides supplementary courses in Public Health, which are a part of the programme Master of Public Health, MPH, in co-operation with the Department of Community Medicine, Malmö, Lund University.

For more information about the School of Health, Science please see: [www.bth.se/hal](http://www.bth.se/hal) or please contact:

Head of Department:  
 Ylva Hellström, RN, PhD  
 Telephone: +46 455 38 54 15  
 E-mail: [ylva.hellstrom@bth.se](mailto:ylva.hellstrom@bth.se)

International co-ordinator at the department:  
 Inger Ljunggren  
 Telephone: +46 455 38 54 26  
 E-mail: [inger.ljunggren@bth.se](mailto:inger.ljunggren@bth.se)

### Programmes

- Nursing Science 120 points, 180 ECTS (3 years), B.Sc.

### Research

The Department conducts research primarily within pure and applied caring science and public health.

Current research interests include:

#### In Caring Science and Public Health

- Caring of the elderly.
- Existential and ethical aspects of caring and nursing
- Cross-cultural nursing
- Health Counselling
- Infection epidemiology

### Summary of the courses in English

Course Code	Course	Semester	ECTS	Level
	Master of Science in Nursing	Autumn, Spring	60	D
	Master of Public Health	Autumn, Spring	60	D

### Courses in English

#### Health

At the School of Health Science the Master programme in Caring Science has a main profile on elderly care but also ethics and existential matters in caring and nursing. The programme corresponds to two years studies (part-time) after graduation as registered nurse (B.Sc. in Nursing). The courses can also be studied as separate courses. The purpose is to prepare students both for advanced work in nursing and for research.

The courses within the Master programme are given as obligatory core courses and elective courses. The programme contains five core courses and four elective courses. The elective courses are given in

co-operation between Blekinge Institute of Technology and Kalmar University in order to offer a broader choice of courses.

#### Core Courses

- Theory of science in caring and nursing
- Qualitative Research Methods in Caring Sciences
- Quantitative Research Methods in Caring Sciences
- Ethics and philosophy of Caring and Nursing
- Master Thesis

#### Elective modules:

- Caring and nursing of persons with dementia
- Caring and nursing of elderly persons
- Existential and spiritual aspects of caring and nursing in periods of decisive importance to life
- Cross-cultural health and care

#### Elective courses offered by Kalmar University

- Family Focused Nursing
- Phenomena in Palliative Care
- Systematic Literature Reviews

To the limit of 20 points or 30 ECTS relevant courses from other academic disciplines can be approved as subsidiary subjects after individual scrutiny.

All courses are theoretical and the pedagogical approach is problem-focused learning in combination with net-based learning. The students will be supported and encouraged to work as independently as possible, to set their own goals and to assess their own achievement.

Academic requirements: Registered nurse on current Swedish Bachelor of Science level in Nursing or registered nurse with complementary courses in nursing/caring sciences on Bachelor level

The Blekinge Institute of Technology in collaboration with Lund University offers a Master Programme in Public Health. The programme has a global perspective and will be partially net-based. The purpose of the programme is to give the students knowledge and scientific basis for participating in Public Health and Health Promotion work and research. The global perspective will also benefit those who have an interest of working with international health issues. The programme can also serve as a base for further research training in Public Health. The courses consist of lectures and seminars (2-3 weeks), virtual meetings and chat on the web supplement. The programme is given in English.

The programme consists of the following courses:

- \*Epidemiology and Other Research Methods in Public Health, 10 points (15 ECTS)
- \*Global Patterns of Health Problems and Health Hazards, 5 points (7.5 ECTS)
- \*Health Policy, 5 points (7.5 ECTS)
- \*Health Promotion and Disease Prevention – Aspects on Planning and Evaluation, 5 points (7.5 ECTS)
- \*Health Promotion, Action and Education, 5 points (7.5 ECTS)
- \*Thesis Course, 10 points (15 ECTS)

Academic requirements:

120 academic points (180 ECTS) in relevant fields or the equivalent abroad (B.Sc., BA. or similar degrees).

**More information:**

Application deadline is 15<sup>th</sup> April. There is no tuition fee for participating, except campus fee each semester. No scholarships are available at Blekinge Institute of Technology or Lund University. Students are advised to apply for external scholarships. Information about studies in Sweden is available at <http://www.sweden.se> More information and application forms are available at <http://www.bth.se/hal> and <http://www.smi.mas.lu.se/mph>

For general information about programme contact Anna Nilsson, [mph@smi.mas.lu.se](mailto:mph@smi.mas.lu.se) and information about courses, individual study plan for MPH degree please contact Anette Agardh, Department of Community Medicine, Lund University, UMAS, S-205 02 Malmö, [anette.agardh@smi.mas.lu.se](mailto:anette.agardh@smi.mas.lu.se) phone +46 40 337713, fax +46 40 336215.

## 9. School of Management

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### General Description

The School of Management covers a wide range of academic disciplines and offers courses and programmes in the area of **Business and Management** as well as in **Social Science**. In addition to the longer and more comprehensive programmes both on the undergraduate and the graduate level, the School offers a wide range of short courses or modules (5 – 20 weeks) from which students can choose in order to get a Bachelor or Master with an individual profile. Current courses include: Commercial Law, Sociology, Psychology, Economics, Information Systems, Education and, of course, Business Administration and Management. All courses emphasize the economic, human and social aspects of information technology and much of the tuition has a problem-based approach. Projects are often run in collaboration with businesses and other organisations in order to improve the students' personal and professional skills.

For more information about the School of Management please see the Internet at the following address: <http://www.bth.se/mam>

Or please contact:

Dean

Anders Nilsson Telephone: +46 457 38 56 03

E-Mail: [anders.nilsson@bth.se](mailto:anders.nilsson@bth.se)

or

### Programmes

- Master of Science in Business Administration w/ a focus on Information Economy  
60 ECTS credits (1 year) MSc in BA.
- Bachelor Programme in Business Administration w/ a focus on Information Economy  
180 ECTS credits (3 years) BSc in BA.
- Bachelor Programme in Social Science  
180 ECTS (3 years) BA in Social Science
- Master of Science in Industrial Management and Engineering  
270 ECTS credits (4,5 years)
- Electronic Commerce (Primarily net based)  
60 ECTS credits (1 year) Master in Electronic Commerce

- MBA (entirely net based)  
60 ECTS credits (1 year) Master in Business Administration
- MBA Campus  
90 ECTS credits (1,5 years) Master in Business Administration

### Research

The Department has an extensive research programme involving PhD. students and senior researchers.

Current research interests include:

- Telecom Economics
- Innovation processes in Information Economies
- Organizational Learning and Change
- Regional Economic Development
- Net based communication
- Science and Technology Studies
- ‘The Fifth Dimension’ the study and construction of miniature societies for play, learning and development

### Summary of the courses in English

The following list of courses is provisional and further courses may be available. Check our website for the latest updates.

Course Code				
FEA039				
FEAxxx				
FEC011				
FEC024				
FEC050				
FEC053				
FEC055				
FECxxx				
FED002				
FED003				
FED005				
FED011				
FED012				
FEA039				
FEC008				
FEC015				
FEC017				
FEC048				
FEC054				
FECxxx				
FECxxx				
FED002				
FED003				

<b>FED005</b>				
<b>FED006</b>				

\*\*The course is partly net-based

**NOTE; for more information on the different courses see <http://idenet.bth.se/Courses in English>**

	<b>FEA 039</b>	<b>Intro to Marketing and Marketing Research</b>
<i>ECTS:</i>	<b>7,5 credits</b>	
<i>Level:</i>	<b>A, first year</b>	
<i>Semester:</i>	<b>Autumn (period 2)</b>	

#### **DESCRIPTION**

The aim of this course is to give the students:

- Basic Knowledge of different marketing theories
- Knowledge about the different stages in the development of an organisation's marketing function
- Training in applying the theoretical concepts on practical marketing problems and situations

Marketing deals with issues concerning the transfer of goods and services between different producers as well as between producers and consumers. In this the needs and wishes of the buyers are seen as a point of departure and consequently information about the buyers and the market is crucial when designing the marketing activities of the organisation. It is this comprehensive view on the marketing phenomena that is maintained throughout the course. Starting with a discussion of different types of market strategies the course proceeds to issues of both tactical, e.g. the marketing mix, and operative nature which are applied to different types of organisations and markets. In addition, marketing's role in the general economic development and from a global perspective are discussed.

	<b>FEA xxx</b>	<b>Organisation and Management</b>
<i>ECTS:</i>	<b>15 credits</b>	
<i>Level:</i>	<b>A, first year</b>	
<i>Semester:</i>	<b>Autumn (period 2)</b>	

#### **DESCRIPTION**

The course is currently being developed and will be offered for the first time fall 2004.

	<b>FEC 008</b>	<b>Knowledge Management</b>
<i>ECTS:</i>	<b>7,5 credits</b>	
<i>Level:</i>	<b>C, third year</b>	
<i>Semester:</i>	<b>Spring (period 3)</b>	

#### **DESCRIPTION**

The course aims to develop an understanding for:

- The complexities involved in managing knowledge in organisations.

- An integrated approach to knowledge management incorporating hard and soft approaches.

The course comprises the following elements:

- Conceptualisations of Knowledge
- The Knowledge Based Economy
- Knowledge in Organisations
- Knowledge-based systems for capturing, storing and distributing tacit and explicit knowledge.
- Communities of Practice and Knowledge Landscapes.
- Knowledge Creation

<b>FEC 011</b>	<b>Marketing of High-Tech Products, Services and Experiences</b>
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<i>ECTS:</i>	<b>7.5 credits</b>
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<i>Level:</i>	<b>C, third year</b>
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<i>Semester:</i>	<b>Autumn (period 1)</b>
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**DESCRIPTION**

The course is designed to acquaint the students with the (newly forming) theory and development in these three areas, to develop the student's ability to do research in these areas, and equip the student with the necessary analytical tools to put forward a marketing plan in one of these areas. The course is designed to address the special challenges of the three distinct, but relatively advanced forms of marketing: (1) high-tech products, (2) services (in all forms), and (3) a newly expanding area of the economy: experiences. Each of these areas poses specific challenges for marketers in terms of analyses, psychographics, product development, and distribution. They are related in the sense that they tear apart, rebuild and refine many traditional marketing concepts, while responding to the rapid technological developments in business and society in general.

<b>FEC 015</b>	<b>Relationship Management</b>
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<i>ECTS:</i>	<b>7,5 credits</b>
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<i>Level:</i>	<b>C, third year</b>
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<i>Semester:</i>	<b>Spring (period 3)</b>
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**DESCRIPTION**

The course aims to provide students with a theoretical and practical understanding of the interrelationship between functional areas within organisations, and between the organization and its external environment, i.e. customers, suppliers and other stakeholders.

The course comprises the following elements:

- Organisational Behaviour and Development
- Relationship Marketing and the Six Markets Model
- Issues in Relationship Management
- Business Ethics

<b>FEC 017</b>	<b>Strategic Management of Change</b>
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<i>ECTS:</i>	<b>7,5 credits</b>
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<i>Level:</i>	<b>C, third year</b>
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*Semester:*     **Spring (period 3)**

### **DESCRIPTION**

The course aims to:

- Give an overview of the many, frequently disagreeing, schools of thought in strategic management and to develop the ability to critically reflect on theories as well as to combine them flexibly for practical analysis.
- Enable students to develop a deep understanding of the concepts, techniques and practices associated with the development of strategic change in organisations.

The course comprises the following elements:

- Introduction to the different approaches to strategic management
- Organisational and Environmental analysis
- Strategic Choice at the Business and Corporate level:
- Analysis of Strategic and Organisational Change
- Producing and Managing Change in Organisations

<b>FEC 024</b>	<b>Strategy, Business Development and Information Systems</b>
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*ECTS:*         **15 credits**

*Level:*         **C, third year**

*Semester:*     **Autumn (period 1)**

### **DESCRIPTION**

The aim of this course is to provide the students with;

- Knowledge about different strategic approaches on both personal, business, and a general level
- Knowledge about the process of strategic development and the process of change
- Knowledge about and competence to use current tools for analyzing industries, competitive situations, and corporate resources
- Knowledge about using information technology and communication for effective strategy implementation and business development
- Competence to think independently and put strategic thinking into practice within the area of business development.

The course comprises the following elements:

- A philosophical perspective on strategy, knowledge, and learning
- Strategic analysis and strategy design
- Strategy implementation
- Realizing strategic change
- Interplay between strategic choice and business development
- Strategy as problemsolving process
- Strategy for creating competitive advantages
- Strategic management
- Communication for strategic action
- Business development and IT.

<b>FEC 048</b>	<b>Option Theory</b>
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*ECTS:*         **15 credits**

*Level:*       **C, third year**  
*Semester:*   **Spring (period 3)**

#### **DESCRIPTION**

The course shall provide the student with an understanding of investment theory and especially the use of options when creating investment strategies and evaluating them.

The course comprises the following elements:

- Standard models for valuing financial options and how to implement such models in computer software.
- Models for valuing investment strategies under uncertainty, especially in new technology in general and information/communication technology in specific.

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#### **FEC 050    Business Intelligence**

*ECTS:*       **15 credits**  
*Level:*       **C, third year**  
*Semester:*   **Autumn (period 2)**

#### **DESCRIPTION**

The aim of this course is to provide the students with knowledge about how surrounding analysis functions in private and public organizations.

The course comprises the following elements:

- Basic elements in surrounding analysis (public and private intelligence)
- Surrounding analysis as an instrument for new business opportunities
- Plan and execute analysis and reports
- Organizing of Business Intelligence Teams (BIT)
- Technological aspects of surrounding analysis
- Security and counter intelligence in private and public organizations
- Open sources as clue and philosophy
- Development of surrounding analysis models

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#### **FEC 053    IT and Organization**

*ECTS:*       **7,5 credits**  
*Level:*       **C, third year**  
*Semester:*   **Autumn (period 2/3)**

#### **DESCRIPTION**

The course is currently being developed and will be offered for the first time fall 2004.

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#### **FEC 054    Public Relations, communications and IS**

*ECTS:*       **7,5 credits**  
*Level:*       **C, third year**  
*Semester:*   **Spring (period 3)**

#### **DESCRIPTION**

The course is currently being developed and will be offered for the first time spring 2004.

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#### **FEC 055    Change in organizations**

*ECTS:* 7,5 credits  
*Level:* C, third year  
*Semester:* Autumn (period 2)

#### **DESCRIPTION**

The course is currently being developed and will be offered for the first time fall 2004.

<b>FEC xxx Advertising</b> <i>ECTS:</i> 7,5 credits <i>Level:</i> C, third year <i>Semester:</i> Spring (period 3)
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#### **DESCRIPTION**

The course is currently being developed and will be offered for the first time Spring 2004.

<b>FEC xxx Topics in Business Intelligence</b> <i>ECTS:</i> 15 credits <i>Level:</i> C, third year <i>Semester:</i> Spring (period 3)
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#### **DESCRIPTION**

The course is currently being developed and will be offered for the first time Spring 2004.

<b>FEC xxx Executive Communication and IT</b> <i>ECTS:</i> 7,5 credits <i>Level:</i> C, third year <i>Semester:</i> Autumn (period 2)
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#### **DESCRIPTION**

The course is currently being developed and will be offered for the first time fall 2004.

<b>FED 002 Decision making 1</b> <i>ECTS:</i> 7,5 credits <i>Level:</i> D, master year <i>Semester:</i> Autumn (period 1) Spring (period 3)
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#### **DESCRIPTION**

After the course, the student shall be able to understand the principles behind axiomatic decision theory and be able to analyze different decision settings and evaluate alternative strategies. The student shall also understand the cognitive aspects of individual decision making.

Included in the course are;

- Normative theories of decisions under risk and uncertainty;
- Cognitive theories of decision making;
- Individual choice
- Social choice

<b>FED 003 Decision making 2</b> <i>ECTS:</i> 7,5 credits
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*Level:* **D, master year**  
*Semester:* **Autumn (period 1)**  
**Spring (period 3)**

### **DESCRIPTION**

After the course, the student shall understand the cognitive aspects of individual decision making and especially limitations on rational choice.

Included in the course are;

- Psychological theories of individual decision making;
- Heuristics and biases;
- Prospect theory;
- Regret theory.

### **FED 005 Investments in the IT-industry**

*ECTS:* **15 credits**  
*Level:* **D, master year**  
*Semester:* **Autumn (period 1)**  
**Spring (period 3)**

### **DESCRIPTION**

After the course the student shall be able to analyze business strategies in the software/telecom industry; to understand major technical developments in this industry and evaluate the strategies from an investment point of view.

The course comprises the following elements:

- Investment theory
- Real options
- Market analysis
- Alliances
- Standardization

### **FED 006 Master Thesis**

*ECTS:* **15 credits**  
*Level:* **D, fourth year**  
*Semester:* **Spring (period 3-4)**

### **DESCRIPTION**

The aim of the course is to achieve practice and knowledge in social science investigations and use economical theories by planning, carrying out and reporting a bigger connected project work. The master project gives the students the possibility to deepen their knowledge in one or more study cases related to their education. To support this, teaching and supervision are related to questions of method and theories. The master project can be written alone or in a project group of most three students. Two supervisors supervise every master project, where one is the main supervisor.

### **FED 011 The Individual in the Organization**

*ECTS:* **15 credits**

*Level:*        **D, master year**  
*Semester:*    **Autumn (period 2)**

### **DESCRIPTION**

The course aims to provide students with an in-depth understanding of organizational theories and the intellectual skills necessary for performing advanced organisational analyses. During the course several organizational issues are analysed from different theoretical perspectives. Special emphasis put on the interaction and tensions between the individual and the structure of the organization and on theories of power and gender.

<b>FED 012</b>	<b>Cases in Management Control</b>
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*ECTS:*        **15 credits**

*Level:*        **D, master year**

*Semester:*    **Autumn (period 2)**

### **DESCRIPTION**

After the course the student shall be able to analyse problems and make strategic considerations in issues regarding economic control. The focus of the course is on financial control systems; when they work and alternatives when they do not work.

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## 10. School of Techno-culture, Humanities and Planning

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### **General Description**

**Spatial Planning Unit** provides the most extensive education of its kind in Sweden, and its interdisciplinary approach is unique. Students are trained in urban and rural planning and develop a comprehensive knowledge of how to adapt the environment to human needs. The programme combines architectural design, town planning and technical subjects as well as natural and social sciences. The context of man's physical and social needs and the need for effective management of natural resources and cultural heritage form the basis of planning projects. These projects range from designs for individual buildings to the detailed development plans of municipalities. Subjects covered include geotechnics, ecology, statistics, traffic planning, cartography, housing, landscape planning, cultural geography, planning theories and the history of town planning.

Auxiliary subjects allow the development of students' artistic skills and throughout the programme the importance of drawing, painting, photography and verbal communication is emphasised. Projects are selected in co-operation with local municipalities in order to make full use of local resources and expertise. Study trips are undertaken on an annual basis, with a trip abroad one year. Each student carries out a final project for assessment.

The permanent staffs are currently 16 persons. In addition a number of external professionals are engaged as tutors. Around 200 students are simultaneously studying at the Programme of Spatial Planning.

**The Division of Technoscience Studies** is focusing research and education. The research is based on information and communication technology (ICT) and gender research within technoscience. One of its characteristics is inter- and transdisciplinarity. The aim is to develop a complex and multi-faceted understanding of ICT as techniques producing reality and as integrated in predominant transformations.

The programme of e-government consists of e-administration, e-services and e-democracy and is a collective term for the processes of change which are taking place within the public sector. The

purpose of these changes is the integration of operational and technical developments, with a focus on the citizens' perspective. The participation of citizens, workers within the public sector and politicians is an important prerequisite and starting point for this.

The programme of Media Technology started in autumn 2000 and is resting on three corner stones namely media technology, representations and reflection. The aim of the programme is to train the student to become excellent digital craftsmen / craftswomen, content providers and technoscientific philosophers.

**The Humanities Section** embraces two education programmes, The Programme of Humanities and The Literature, Culture and Digital Media Studies Programme. The Humanities Section staff, including teachers and doctoral students, amounts to the number of 25.

Courses in The Programme of Humanities are mostly or partly held in Swedish. (For further information, please contact Per-Olof Gunnarsson, (pog@bth.se). In this education programme, students are trained in scientific-analytic critical reflection, by choosing studying History, English, Comparative Literature and/or Swedish for three or four years. The profile of BIT characterizes the education programmes: ICT-tools are implemented from the beginning.

Literature, Culture and Digital Media is a cross-disciplinary programme that combines studies in language, culture and literature with studies in media technology. The programme considers technology from a human perspective. It aims to develop an understanding of technology possibilities and limitations, as well as the way they have been represented in literature. It also emphasizes the fusion of practical knowledge and theory; the courses also focus on digital technology as a tool for your own creative and professional communication.

**For more information about the School of Technoculture, Humanities and Planning:**

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For more information about the School of Technoculture, Humanities and Planning please see the Internet at the following address: <http://www.bth.se/tks>

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**Programmes**

Spatial Planning 270 ECTS credits (4.5 years) MSc.

MSc European Spatial Planning 60 ECTS credits encompasses two semesters, starting in September each year on a full time basis over the entire academic year (40 weeks). The programme contains five taught courses and a Master's thesis.

- E-government 60 ECTS credits (1 year) MSc
- E-government 120 ECTS credits (2 year) Vocational University Diploma
- Media Technology 180 ECTS credits (3 years) BSc
- Humanities 180 or 240 ECTS credits BA or MA
- Literature, Culture and Digital Media Studies 180 ECTS credits MA

## Research

### Spatial Planning Unit

recently was granted the right to provide post-graduate training and award PhDs. The doctoral program is small with at present 5 doctoral students, but growing.

The research program includes work on urban regeneration in industrial and residential areas, environmental impact assessment studies, computer-aided planning, transport studies, and conflict management in spatial planning.

The research profile is supported by collaboration with researchers at the Centre for Spatial Development Planning, BIT.

In the area of **Technoscience Studies** gender research perspectives are utilised to assess the development of Information and Communication Technology, its role in constructing new realities and the long-term consequences of these transformations.

**The Humanities research group** comprises English, Comparative Literature, History, and Swedish. One of our prime research interests is investigating the impact of digital media on literature (both practice and theory), language (Swedish and English) as well as putting the digital revolution in a long-term historical perspective of technological changes. Another area in which several senior scholars and doctoral students are currently working is 20<sup>th</sup> century literature and literary theory, in particular gender theory, narrative forms, and postcolonial literature. Both research interests are brought together in an annual gathering of international scholars under the auspices of the so-called Summer School.

## Summary of the courses recommended for visiting students

Course Code	Course	Semester	ECTS	Level
FMA008	Computer Assisted Cartography and Presentation*	Spring (period 3)	7,5	A, first year
GIB001	Geoinformatics*	Autumn (period 1)	7,5	B, second year
AIB003	Colour and Form*	Spring (period 4)	7,5	B, second year
FMB009	Landscape planning*	Spring (period 4))	7,5	B, second year
Cancelled 2004	Regional planning*	Autumn (period 2)	7,5	C, third year
New	Regional planning, optional course*	Spring (period 3-4)	7,5	C, third year
AIC003	Art and Presentation IV, Visual communication and presentation techniques*	Autumn (period 2)	3	C, fourth year
FMC007	Economics of planning*	Autumn (period 2)	4,5	C, fourth year
FMC006	Theory of knowledge and methods of investigation*	Autumn (period 1)	7,5	C, fourth year
FMD001	City Planning Project*	Autumn (period 1-2)	15	D, fourth year
Course Code	Course	Semester	ECTS	Level

Course Code	Course	Semester	ECTS	Level
ABA019	Participatory Design	Summer	7,5	A,
ENA018	Literature and Media Studies I	Autumn (period 1)	7,5	A, first year
ENA019	Culture and Media Studies I	Autumn (period 2)	7,5	A, first year
ENA020	Language and Communication Studies I: The Global Classroom Project	Autumn (period 1-2)	15	A, first year
ENB004	Literature and Media Studies II	Spring (period 3 )	7,5	B, first year
ENB005	Culture and Media Studies II	Spring (period 4)	7,5	B, first year
ENB006	Language and Communication Studies II: The Global Classroom	Spring (period 3-4)	15	B, first year
MEA034	Media Form and Design: Introduction to Visual Communication	Autumn (period 1)	7,5	A, second year
NEW	Rhetoric and New Media	Autumn (period 1)	7,5	C, second year
ENC004	Professional Technical Communication	Autumn (period 2)	7,5	X, second year
ENC003	Topics in Literature I: Digital Multimedia Poetry	Autumn (period 2)	7,5	C, second year
NEW	Topics in Literature I: Gender, Science and Digital Media	Autumn (period 2)	7,5	C, second year
NEW	Cultural and Literary Theory	Spring, (period 3)	7,5	D, second year
ENC003	Topics in Literature II: Digital Multimedia Poetry	Spring (period 4)	7,5	C-D, second year
NEW	Topics in Literature II: Gender, Science and Digital Media	Spring (period 4)	7,5	C-D, second year
NEW	Special Project	Spring (period 3-4)	15	D, second year
SVX001	Swedish Language Course I	Autumn (period 1) Spring (period 3)	7,5	A level
SVX002	Swedish Language Course II	Autumn (period 2) Spring (period 4)	7,5	A level
ENC002	Introduction to Postcolonial Literature	Autumn (period 1)	7.5	C level
ENC001	Literary Criticism	Autumn (period 2)	7.5	C level
ENC001	Special Projects	Autumn (period 1-2)	15	C level
END001	Literary Theme: Modernisms, postmodernisms	Spring (period 3)	7.5	D-level
END001	Literary Theme: Poetry	Spring (period 3)	7.5	D-level
END001	Special Project	Spring (period 3-4)	15	D-level

\*A note on teaching language: Lectures and class instructions will be held in the Swedish language. For foreign students, we will provide alternative textbooks in English and examinations will be held in English. For guest students, study and project groups will be assembled with motivated Swedish students with a good command of English. Written instructions will be translated into English. Guest students have access to an evening language course in Swedish.

## Courses in English

### **FMA008 Computer Assisted Cartography and Presentation**

*ECTS:* 7,5 credits  
*Level:* A, first year  
*Semester:* Spring (period 3)

#### **DESCRIPTION** **Objectives**

The course covers the basics in computer aided drawing for plans. The course also gives comprehensive knowledge of computer-assisted presentation: techniques for digitising, storing processing and presentation of plans using computers.

**Content**

Lectures: The basics of CAD and drawing programs for planning.

**Exercises**

Practical exercises in drawing, making digital slide shows, scanning images, using a digital camera, processing one's own pictures in a computer.

**Instruction**

The course includes scheduled lectures, tutorials and exercises.

**GIB001 Geoinformatics**

*ECTS:* 7,5 credits

*Level:* B, second year

*Semester:* Autumn (period 1)

**DESCRIPTION**

**Objectives**

The course covers the techniques for collation, storage, processing and presentation of geographical information. The different type of GIS and their inclusion in organisations is also dealt with. The course also aims to provide practical skills in the use of GIS software and the development of elementary applications.

**Content**

Lectures deal with the function and areas of application of GIS software, design of geographical databases, sources of data etc. Exercises in using the software, processing background information for planning, map production and development of applications.

**Exercises**

Practical computer exercises.

**Instruction**

The course includes scheduled lectures, exercises and excursions.

**FMC002 Landscape planning**

*ECTS:* 7,5 credits

*Level:* B, second year

*Semester:* Spring

**DESCRIPTION**

The aim is to give an understanding of the values, content and living conditions for natural and cultural landscapes. Approaches for using landscape on its own terms. The course should also give practice in blending buildings and industrial plants into the landscape, the interaction between buildings and their surroundings and forming the outdoor setting.

**Content**

Lectures: types of landscape, approaches for working with landscape inventory and analysis, use of land and its formation, vegetation within urban areas, forming an outdoor setting, adaptation, availability, history of gardens and parks, roads and their construction within the landscape.

Exercises: approaches for working with landscape inventory and analysis, sitting and planning groups of buildings in a landscape, their outdoor setting as a whole and in detail, accessibility. Sketching park settings. Analysis of road networks in a landscape.

**Instruction**

The course includes lectures, seminars, excursions and exercises according to a schedule.

*ECTS:* 7,5 credits  
*Level:* C, third year  
*Semester:* Spring (period 3-4)

**DESCRIPTION****Objectives**

To give a basic understanding of a region in the context of spatial planning and regional social planning at various levels, and of the functions, structures and development of a region.

**Content**

Concept of a region and factors in regional planning. Regional organisations for projects and co-operation. Visions, scenarios, and other planning methods dealing with the future. Natural geographical regions, international regions and international prospects. Cases of planning and environmental aspects at regional and inter-regional level. Inventory and analysis of factors in regional planning within a geographical area. Description of the features and resources of the region. Goals and development schemes for regions and the consequences of these recommendations for the inhabitants.

**Instruction**

Instruction is given in the form of lectures, seminars and minor exercises scheduled.

**AIC003 Art and Presentation IV, Visual communication and presentation techniques**

*ECTS:* 3 credits  
*Level:* C, fourth year  
*Semester:* Autumn

**DESCRIPTION****Objectives**

To give an understanding of the importance of visual images for perception, understanding and memory. To illustrate different presentation techniques used for planning projects, which are then evaluated to see which work best in different situations, so that one can select the most appropriate technique and format for each occasion and audience.

**Content**

Lectures on visual communication and presentation techniques, and, if possible, related study visits. Exercises and discussions in which various methods of presentation are evaluated and technique, interpretation and application are developed and improved.

**Instruction**

Instruction is given in the form of lectures, computer exercises etc.

**FMC007 Economics of planning**

*ECTS:* 4,5 credits  
*Level:* D, fourth year  
*Semester:* Autumn (period 2)

**DESCRIPTION**

**Objectives**

To give an understanding of the basic economic concepts and methods of calculation used in civil planning. To examine the relationships between different parties and the negotiation of situations foreseeable in the course of a planning project.

**Content**

Fundamental concepts of calculation and public finances. Land value and how it is affected by planning decisions. Financial evaluation of natural resources and of damage to the environment. Financing of infrastructure projects. Exercises in estimation work prior to negotiation.

**Instruction**

The course includes lectures, exercises and examinations.

**FMC006 Theory of knowledge and methods of investigation**

*ECTS:* 7,5 credits  
*Level:* C, fourth year  
*Semester:* Autumn (period 1)

**DESCRIPTION****Objectives**

To give a basic understanding of, and practice in investigatory work and the preparation of reports in the field of planning, and also a grasp of issues within the theory of knowledge as a basis for making an informed use of research.

**Content**

Various forms of knowledge and attitudes to knowledge from a historical perspective. The importance of perspective and values. Different forms of investigatory work. Methods of searching for information, analysis and compilation of the material on which a decision can be based. Source criticism. Preparation of reports, style, and editing.

**Instruction**

Instruction is given in the form of lectures, studies in literature and exercise.

**FMD001 City Planning Project**

*ECTS:* 15 credits  
*Level:* D, fourth year  
*Semester:* Autumn (period 1-2)

**DESCRIPTION****Objectives**

To give an understanding of complex planning problems and processes of change that appears in a city, and methods to deal with them in a planning project.

**Content**

The course starts with a study trip to the city in case, where current planning questions are presented. The historical development of the city and its importance in the region is presented. Thematic studies are carried out of the city's land use, housing conditions, traffic systems, green structure and building characteristics. These shall be presented as a set of web pages. A second visit to the city includes detailed studies of a selected project area. The students have the option to choose between different tasks and to join a suitable workgroup. A project for urban renewal or new development shall be carried out. It shall be presented as a spatial map or a 3D model with adhering illustrations and thematic maps, illustrating comprehensive structures as well as the form in detail of the intended built environment.

### **Instruction**

The course includes study visits, lectures, literature studies, seminars, project work and examinations.

### **ABA019 Participatory Design**

*ECTS:* 7,5 credits

*Level:* A

*Semester:* Summer **Autumn (period 1)**

#### **DESCRIPTION**

The goal of the course is to give an introduction to research and practice in the area of Participatory Design (PD), especially concerning what is generally known as “the Scandinavian Approach” in the context of design, development and use of information and communication technologies (ICT). The aim is to provide a sound theoretical and methodological base, and to identify, analyze and critically evaluate background, principles and traditions in the area. The course offers an overview of different models and methods for co-operation between users and systems developers.

#### **Contents**

- The history of Participatory Design in Scandinavia
- Methods for engaging users in systems development and organizational change work
- Methods for analysing work and work processes together with users
- Challenges for Participatory Design today

The web based course runs at half speed during the summer semester.

### **ENA018 Literature and Media Studies I**

*ECTS:* 7,5 credits

*Level:* A, first year

*Semester:* **Autumn (period 1)**

#### **DESCRIPTION**

The course covers a number of literary texts and their film versions. These are studied for the ways in which technology has been imagined, represented, and / or resisted from the Romantic era to the present. Literature itself is seen as a technology. Focus lies on the various narrative techniques deployed to represent technology.

### **ENA019 Culture and Media Studies I**

*ECTS:* 7,5 credits

*Level:* A, first year

*Semester:* **Autumn (period 1)**

#### **DESCRIPTION**

This course provides students with the critical tool needed to understand visual representation in the media of the twentieth and twenty-first centuries. Focus lies on magazines and print advertising, film, television, and digital forms such as computer games and virtual reality. The course combines approaches from semiotics, media studies, and cultural studies.

### **ENA020 Language and Communication Studies I: The Global Classroom Project**

*ECTS:* 15 credits

*Level:*        **A, first year**  
*Semester:* **Autumn (period 1-2)**

#### **DESCRIPTION**

The Global Classroom Project provides a forum for cross-cultural, digital communication and collaborative project development with colleagues in Atlanta, Georgia and St. Petersburg, Russia. The course focuses on analysis of cross-cultural, digital communication. Much of this class will be virtual in nature, conducted both on the World Wide Web through Web Board conferencing software and through e-mail.

#### **ENB004     Literature and Media Studies II**

*ECTS:*        **7,5 credits**  
*Level:*        **B, first year**  
*Semester:* **Spring (period 3)**

#### **DESCRIPTION**

This course suggests that cultural representations both shape and are shaped by technology and that literature is dependent on various technologies of writing and inscription. In this course we will explore how particular technologies provided the material conditions for imaginative writing (prose fiction, poems, and dramas). We will discuss the connection between technological changes and literature in the Middle Ages, the Renaissance, the Enlightenment, and the early Romantic period.

#### **ENB005     Culture and Media Studies II**

*ECTS:*        **7,5 credits**  
*Level:*        **B, first year**  
*Semester:* **Spring (period 4)**

#### **DESCRIPTION**

This course will provide an overview of contemporary theories of media. The themes of the course will include the cultural encoding of the material forms media, meditation and cultural transmission, the rhetoric of information technologies, and the institutional and social contexts of media and the visual arts.

#### **ENB006     Language and Communication Studies II: The Global Classroom**

*ECTS:*        **15 credits**  
*Level:*        **B, first year**  
*Semester:* **Spring (period 3-4)**

#### **DESCRIPTION**

The emphasis of this course will be on practical language work. The first part of the term will deal mainly with improving your language skills and will concentrate on grammar, writing and various aspects of linguistics. The second half of term will deal with biographical and autobiographical texts. You will be expected to research a historical figure, examine their written works and speeches and analyse them, using the skills you have acquired in the first part of the course, and in the historical context.

#### **MEA034     Media Form and Design: Introduction to Visual Communication**

*ECTS:*        **7,5 credits**  
*Level:*        **A, second year**  
*Semester:* **Autumn (period 1)**

**DESCRIPTION**

The aim of this course is to provide basic knowledge in and tools for visual communication especially concerning aspects of the receiver.

The emphasis of the course is on:

- basics in Visual Communication
- basics in graphical design and design theory
- history of graphical design

**NEW Rhetoric and New Media**

*ECTS:* 7,5 credits  
*Level:* C, second year  
*Semester:* Autumn (period 1)

**DESCRIPTION**

The course aims to develop the students:

- knowledge of relations between language, culture and technique in a world characterized by digital techniques.
- skills in analyzing modern texts from a technological perspective.

**ENC004 Professional Technical Communication**

*ECTS:* 7,5 credits  
*Level:* C, second year  
*Semester:* Autumn (period 2)

**DESCRIPTION**

This course introduces students to the principals and methods of presentations and communications of technical information. The students will learn:

- to reflect on layout and graphics
- to write technical descriptions
- to write technical instructions
- to write technical reports
- to produce On-line Help

**ENC003 Topics in Literature I: Digital Multimedia Poetry**

*ECTS:* 7,5 credits  
*Level:* C, second year  
*Semester:* Autumn (period 2)

**DESCRIPTION**

This course develops the students:

- knowledge of how digital computer techniques have changed traditional poetry writing
- skills in analyzing poems created for a digital environment

In this course poems created for digital media are analyzed. Focus lies on the combination of word, image and sound in digital poetry. The course sets forth some methodological challenges of digital poetry and the coherence of these with computer games, film and drama.

**NEW Topics in Literature I: Gender, Science and Digital Media**

*ECTS:* 7,5 credits

*Level:* C, second year  
*Semester:* Autumn ( period 2)

#### **DESCRIPTION**

In this course multi faceted relationship between scientific knowledge, technology and mankind will be explored. The aims of the course are:

- to provide basic theoretical tools for understanding how sex/gender, male/female are created
- to develop knowledge on interaction between technology (esp digital) and gender
- to provide knowledge on how technology shapes (and is shaped by) cultural constructions of “feminine” and “masculine” identities
- to train the students ability of critical reflection on issues about gender, science and digital media

### **NEW Cultural and Literary Theory**

*ECTS:* 7,5 credits  
*Level:* D, second year  
*Semester:* Spring (period 3)

#### **DESCRIPTION**

This course continues the study of literary theory, theories of cultural studies and media theories. The course is under development.

### **ENC003 Topics in Literature II: Digital Multimedia Poetry**

*ECTS:* 7,5 credits  
*Level:* C-D, second year  
*Semester:* Spring (period 3)

#### **DESCRIPTION**

This course develops the students’:

- knowledge of how digital computer techniques have changed traditional poetry writing
- skills in analyzing poems created for a digital environment

In this course poems created for digital media are analyzed. Focus lies on the combination of word, image and sound in digital poetry. The course sets forth some methodological challenges of digital poetry and the coherence of these with computer games, film and drama.

### **NEW Topics in Literature II: Gender, Science and Digital Media**

*ECTS:* 7,5 credits  
*Level:* C-D, second year  
*Semester:* Spring (period 3)

#### **DESCRIPTION**

In this course multi faceted relationship between scientific knowledge, technology and mankind will be explored. The aims of the course are:

- to provide basic theoretical tools for understanding how sex/gender, male/female are created
- to develop knowledge on interaction between technology (esp digital) and gender
- to provide knowledge on how technology shapes (and is shaped by) cultural constructions of “feminine” and “masculine” identities

- to train the students ability of critical reflection on issues about gender, science and digital media

### **NEW Special Project**

*ECTS:* 15 credits  
*Level:* D, second year  
*Semester:* Spring (period 3-4)

#### **DESCRIPTION**

The students will here write an extended essay of 15-20 pages or a digital work on a topic that had been studied in the programme (Literature, Culture and Digital Media).

### **SVX001 Swedish Language Course I**

*ECTS:* 7,5 credits  
*Level:* A, first year  
*Semester:* Autumn (period 1), Spring (period 3)

#### **DESCRIPTION**

The aim of the Swedish language course is to increase foreign student's knowledge about the Swedish language and to learn about the Swedish environment and culture. Courses are thus given in Swedish at beginners' level, in which the main priority is the language itself, though emphasis is also placed on cultural knowledge.

### **SVX002 Swedish Language Course II**

*ECTS:* 7,5 credits  
*Level:* A, first year  
*Semester:* Autumn (period 2), spring (period 4)

#### **DESCRIPTION**

The aim of the Swedish language course is to increase foreign student's knowledge about the Swedish language and to learn about the Swedish environment and culture. Courses are thus given in Swedish at beginners' level that follows Swedish Language I. Still the main priority is the language itself, though emphasis is also placed on cultural knowledge.

### **ENC002 Introduction to Postcolonial Literature**

*ECTS:* 7,5 credits  
*Level:* C, second year  
*Semester:* Autumn (period 1)

#### **DESCRIPTION**

In this course we will be studying fiction by postcolonial writers living in both the postcolonial and metropolitan worlds. The course aims to make you acquainted with such issues as multiculturalism, diasporan experience, ethnicity, race, gender, mimicry and appropriation. On completing the course, you should be able to demonstrate an understanding of the complexity of postcolonial textual production and show some knowledge of the major theoretical debates surrounding postcolonial literature and criticism.

### **ENC001 Literary Criticism**

*ECTS:* 7,5 credits  
*Level:* C, second year  
*Semester:* Autumn (period 1)

#### **DESCRIPTION**

The goal of this course is to introduce students to a number of important analytical methods for doing literary criticism. Students will learn by studying specific critical methods, by reading sample articles that apply those methods and, finally, by applying the methods themselves to texts read for the course.

### **ENC001 Special Project**

*ECTS:* 15 credits  
*Level:* C, second year  
*Semester:* Autumn (period 1-2)

#### **DESCRIPTION**

You complete a “Special Project”, an extended essay of 15-20 pages on a topic in literature or linguistics.

### **New Literature Theme: Modernisms, Postmodernisms**

*ECTS:* 7.5 credits  
*Level:* D, second year  
*Semester:* Spring (period 3)

#### **DESCRIPTION**

The course starts with a close scrutiny of the various critical constructions of modernism and postmodernism. Examining the intellectual and cultural trends that are associated with the two periods/aesthetic practices, its primary focus is on literary texts and authors said to embody modernist and postmodernist styles.

### **END001 Literary Theme: Poetry**

*ECTS:* 7.5 credits  
*Level:* D, second year  
*Semester:* Spring (period 3)

#### **DESCRIPTION**

The goal of this course is to introduce students to the study of poetry. It follows the topical approach employed by the textbook, which emphasizes the fundamental elements of poetic analysis. By the end of the course we expect students to be able to write relatively brief analyses of poems by applying those elements.

### **END001 Special Project**

*ECTS:*           **15 credits**  
*Level:*           **D, second year**  
*Semester:* **Spring (period 3-4)**

## **DESCRIPTION**

In this course you write a Master's thesis, or a work similar to that degree, of 25-35 pages. The research for the thesis is to be done in areas like for instance "Postmodern Romance", "Ethnic Identity after World War II", "Virtual Reality: Explorations in Science Fiction and Modern Technology". Each student working on his or her thesis is assigned an individual tutor.

## **11. Admission and Registration**

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### **Exchange students**

If you want to study at Blekinge Institute of Technology, this can be done through an exchange programme. Exchange programmes allow students to study at a university abroad one or two semesters as a part of their programmes in their home country. Applications should be made as soon as possible and not later than **May 15** for the autumn semester and **November 15** for the spring semester. As an exchange student you can choose between numbers of courses given in English. In this information package you find the courses each department gives in English. An introduction week together with an intensive Swedish course will be offered to students who will be studying during the autumn semester, in week 35. We recommend students not to arrive in Karlskrona or Ronneby later than August 25th.

Applications to Blekinge Institute of Technology are made by using the **ECTS Application Form** as well as the **ECTS Learning Agreement** and your **Transcript of Records**. These application forms can be found at the end of this information package. The forms can also be download at <http://www.bth.se/exr/inteng.nsf>. The application should marked "ECTS Application" and sent to the following address:

Blekinge Institute of Technology  
International Office  
S-371 79 Karlskrona  
Sweden

### **International students**

It is possible to apply for studies even if you are not an exchange student but in this case you are accepted on equal terms with Swedish students. This means it is required to have an examination from Upper Secondary School. These exams are usually taken after twelve years of primary and secondary education. It also means that it is required to be able to speak Swedish. Proof of a good command of Swedish is a prerequisite for admission. Students from outside the Nordic countries must pass a Swedish test. This test is held once a year at Swedish embassies/consulates or at Swedish/International Schools abroad. Applications are to be made approximately one month before the test date.

For further information on Swedish language test and preparatory year in Swedish please contact:

Department of Scandinavian Languages  
Stockholm University  
S-106 91 Stockholm  
Sweden  
Fax: +46 8 15 55 08

In addition to the examination from Upper Secondary School and good knowledge in Swedish, there are specific requirements such as given combinations of subjects at a certain level or a minimum score in certain subjects.

A score of 550 points or above in the TOEFL test (paper based) and 213 (computer based) is needed in order to be accepted at Blekinge Institute of Technology. For more information on the TOEFL test, for example where and when you can take the test, please see the TOEFL Web site at: <http://www.toefl.org>

The application should consist of three parts: a written application, a CV (description of your previous employment and education) and certificates that prove your examination results and your knowledge of Swedish. The application should be sent to the following address:

Blekinge Institute of Technology  
Office of Student Affairs  
S-371 79 Karlskrona  
Sweden

## 12. Additional Information about studying at Blekinge Institute of Technology

### **Educational System**

Undergraduate education in Sweden is organised either as a general study programme or as individual subject courses. The majority of general study programmes have values ranging between 120 and 180 Swedish credits, i.e. three to four-and-a-half years of study. One academic year full-time studies corresponds to 40 Swedish credits (60 ECTS credits). By combining individual subject courses in various ways, it is possible for Swedish students to structure a programme of their own.

After two years of full-time studies a Swedish student is awarded a University Diploma. To obtain a degree equivalent to a Bachelor's degree in Sweden, at least 120 Swedish credits are required. 60 of these credits must be studied in a minor subject. An independent degree project of at least 10 credits must also be included in the major subject.

For a Master's degree to be awarded, 160 credits are required, of which 80 should be in the main subject. These 80 credits include a degree project of 20 credits or two such projects of 10 credits each.

Higher education in Sweden is both academically and practically oriented. Teaching is carried out in various forms, such as lectures, seminars, group project, laboratory work and independent studies.

It should also be pointed out that students usually take one course at a time (consecutive schedule) rather than several different courses at the same time.

### **Academic calendar**

The academic year is divided into two semesters, each with duration of 20 weeks. Thus, the Swedish academic year is 40 weeks, which correspond to 40 Swedish credits a year. Ten Swedish credits equivalent 15 ECTS credits.

The autumn term normally runs from September 1 to January 19 and the spring term from January 20 to around June 8. There is usually a three-week break at Christmas.

Each semester is divided into two study periods. The first study period begins in week 35, the second study period begins in week 43/44, the third study period begins in week 3 and the fourth study period begins in week 12.

### **Academic Culture**

The relationship between students and teachers may seem rather informal to foreign students and you are encouraged to ask questions both inside and outside the classroom. Do not hesitate to ask a question about things you do not understand or comment on things you disagree with. There is no need to address your teacher using Sir/Mrs or his/her last name. Both teachers and students like to consider each other as equals. This, however, does not imply that teachers will expect anything but your best performance in the classes and examinations.

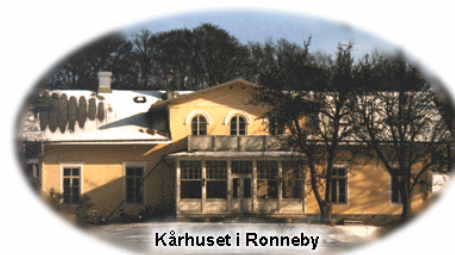
### **Academic Integrity**

Students are expected to adhere to the highest ethical standards in all their course work and research. Individuals violating this code of conduct are subject to disciplinary action, such as expulsion from the University. Violations include plagiarism, fraud and conflicts of interest. Every student should be familiar with this code of conduct.

### **Student Union**

It is compulsory for all Swedish students at Swedish universities to be member of a student union. The Student Union, or *Studentkåren* in Swedish, is an association that represents the student's interests on a number of issues, such as quality of education, social conditions and housing, health etc. A part from those activities, *Studentkåren* is also organising student pubs and discos.

*Studentkåren* is run entirely by students.



### **INT-Group**

The INT-group is a group of Swedish and foreign students at Blekinge Institute of Technology. The aim of the group is to take care of the international students before coming to the University and during their stay. They also organise events, meetings and trips to make the student's stay a pleasant period.

## **13. Official Formalities in Sweden**

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### **Visa, work- and residence permit**

Before going to Sweden you should have a valid visa and a residence permit. When you want to work in Sweden (or do paid research) you also need a work permit. You can apply for a Swedish residence permit at the local Swedish embassy in your country. Inhabitants of countries that are part of the European Union do not need a visa, a residence permit and a work permit *before* entering Sweden. Once in Sweden they will be given these permits automatically after applying. Please contact the international office and/or your employer for this. Inhabitants from countries that are a part of the European Union do not need a residence permit if they stay up to three months.

### **Insurance**

If you spend a limited study period in Sweden, please make sure that you have private insurance from your home country. Inhabitants of countries that are part of the European Union have to prove that they are covered by insurance from their home countries. This can often be done by completing a document with the reference "E128". Sweden also has insurance agreements with some other non-EU countries. Please check with the national insurance authority in your home country whether there is such an agreement and what it will cover you for while you are in Sweden.

### **Civil registration: personal number**

When you want to stay longer than one study period (6 months) in Sweden you should obtain a personal number. You can get this personal number at the tax-office. You need a personal number when for example you want to rent a telephone or open a bank account.

### **Student Accommodation**

“Blekinge Studentkår”, BSK, is the Student Organisation for Blekinge Institute of Technology. They help foreign students to find an accommodation for their stay in Sweden.

The accommodation in Karlskrona and Ronneby may vary from halls of residence or apartments to room in private homes. Some rooms and apartments are furnished with bed, desk, chairs, a small table and a bookshelf and other rooms do not have any furniture. Television sockets are often available but the television set is not included. Most of the rooms in Ronneby also have an Internet connection, but students have to bring their own computer. In most cases the rooms have their own bathroom with shower and toilet. In some buildings there is a “mini-kitchen” in the student room and in other buildings there is a large shared kitchen. Household utensils are however often not included. And the same thing is valid for sheets, pillows and blankets. The size of the accommodation varies from 8 square metres to 40 square metres. The monthly rent varies from 1200 Swedish crowns to 3200 Swedish crowns, depending of the size of the room, the location and what is included with the rent, for example water and electricity. More information about all the different housing alternatives can be found at [www.bsk.bth.se](http://www.bsk.bth.se) see INT-group or at <http://www.bth.se/exr/inteng.nsf>.

When you have got the paper “Admission to study at Blekinge Institute of Technology” you will receive a “Welcome Pack” with a lot of useful information. Enclosed with this information material you will find information about housing and an application for accommodation. When filling in the housing form please note if you want to stay in Karlskrona or in Ronneby. We strongly recommend you to download this form at <http://www.bth.se/exr/inteng.nsf> and fill it in on the computer. As there are many students looking for a room please remember to send your application for accommodation to the address you find on the form **as soon as possible**. To be able to guarantee you a room we need to receive your application not later then the **15 of june**, if you will study at Blekinge Institute of Technology during the autumn semester and not later then the **15 of November** if you will study here during the spring semester.

## 14. Additional Useful Information, A-Z

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### **Banking and Postal Services**

Banks are generally open Monday to Friday between 9.30 a.m. and 3.00 p.m., with extended hours on Thursdays. There are a number of banks in Karlskrona and Ronneby.

Post offices are generally open during normal shopping hours, 9.00-18.00 on weekdays and 9.00-12.00 on Saturdays.

### **Bicycles**

A bicycle is far by the quickest and easiest way of getting around Karlskrona and Ronneby. To find an inexpensive bicycle you should check the local newspapers and advertisements at the university.

### **Blekinge**

The province of Blekinge is located in the south east of Sweden. Blekinge is called the garden of Sweden because of its beautiful landscapes, which vary, from forests and lakes to more open landscapes. The two largest cities in Blekinge are Karlskrona, which is built on a number of islands and contains a strategic naval base, and Ronneby, which is 35 km west of Karlskrona.

### **Karlskrona: <http://www.karlskrona.se/tourism/>**

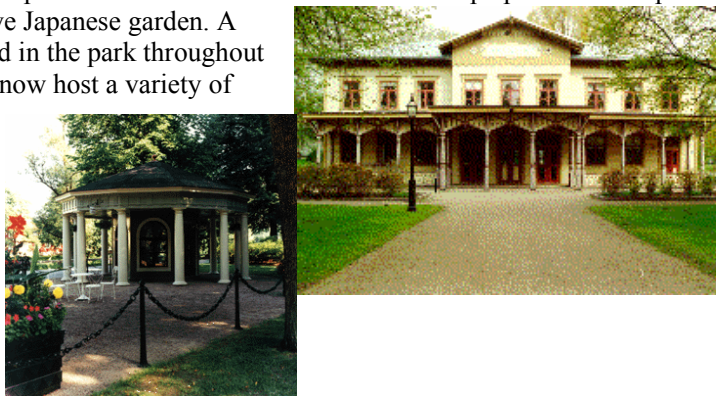
Karlskrona was founded in 1680 by King Charles XI of Sweden. The town is built on seven islands and served originally as an ice-free harbour for the Swedish Navy. Over the years the town has become an important national defence base, with a large shipyard and defence industry. Until the nineteenth century, Karlskrona was the second largest town in Sweden. Although the recent recession and cut-backs in the Swedish national defence have made themselves felt, new job opportunities have been created by the establishment of a number of well-known telecommunications companies



such as Ericsson, Nokia, Global One, Europolitan, and the most recently established, Sun Computer. Today Karlskrona has some 60,000 inhabitants.

**Ronneby:** <http://www.ronneby.se/english/>

Ronneby is the oldest town in the region, dating back to the thirteenth century. Today Ronneby has 30,000 inhabitants and is a famous spa. The town is known for its beautiful spa park - Brunnsparken and gardens, including an attractive Japanese garden. A number of sports activities are held in the park throughout the summer. The old guesthouses now host a variety of companies, primarily within the computer business. The University, situated in the building known as Soft Center, is a short walk from the park. Soft Center hosts some 50 companies in the IT-sector and acts as a source of expertise and inspiration for industry, particularly within the medical and manufacturing spheres.



**Climate**

As its distance from north to south is 1,600 kilometres, Sweden incorporates a fairly wide spectrum of climatic zones. The warm Gulf Stream of the Atlantic gives Sweden a milder climate than other areas of the same latitude. Despite this, winter in Sweden, especially in the northern parts, is very long, dark and rather cold. In the north, temperature can drop to  $-30^{\circ}\text{C}$ . Fortunately Blekinge often has a very mild weather and a temperature of  $-15^{\circ}\text{C}$  is rare. If you come in the winter however you should bring some warm and windproof clothes and a good jacket. Unfortunately there is usually not enough snow in Blekinge in the winter to ski or snowboard. In Karlskrona it is usually possible to skate during the winter. During spring and autumn the average temperature is  $12-16^{\circ}$ . During these periods the weather can be rather rainy and windy and there for it might feel like winter to many students from warmer latitudes. In the summertime, normal temperature is  $20-25$  degrees Celsius and one can windsurf, swim or sail at the seaside south of Ronneby and Karlskrona.

**Cost of living**

To give you an idea of the cost of living in Sweden a feasible monthly budget might be as follows:

- Food SEK 2,400,
- Student accommodation SEK 2100,
- Local travel SEK 360,
- Student union fee SEK 300,
- Telephone, TV, newspaper SEK 440,
- Insurance, medical care and hygiene SEK 250,
- Clothing, hobby/leisure SEK 450.

Food is fairly expensive, not only meat but especially vegetables, fruit and spices etc from other countries. Root vegetables are available at reasonable prices throughout the year, while other kinds of vegetables are quite expensive, especially during the winter season. Food prices may differ from one store to another.

It is more expensive to buy dinner à la carte at a restaurant and it is very expensive to buy alcoholic drinks. Meals at a *bar* or *självservering* (self-service restaurant) are less expensive, SEK 45-65, especially during lunchtime.

**Dental Care**

Contact your nearest District Dental Clinic that you will find under “*Folktandvården*” in the blue pages in the telephone directory.

### **Driving in Sweden**

As in most countries you drive on the right-hand side in Sweden. To be allowed to drive you must be at least 18 years of age and hold a valid driving licence. For driving licences from the EU countries, the same rules apply as for Swedish licences. For citizens from other countries, special rules apply. Please contact the Department of Licensing at the Commissioners’ Office. When driving in Sweden be aware of the fact that Sweden has very strict rules regarding driving and alcohol among the strictest in Europe. Lights must always be on also during the day. Winter tires are compulsory during the period December 1<sup>st</sup> to March 30.

### **Education**

Nine years of schooling are compulsory for all children from the age of 6 or 7. About 95% go to the voluntary upper secondary school, which offers both vocational and academic programmes. There are some forty institutions of higher education in Sweden, operating mainly by the State and providing free instruction. Applicants for Universities and University Colleges have increased and almost a quarter of adult Swedes have a higher education. About half of the students are women.

### **Electricity**

The main electricity in Sweden is 220 volts and 50 Hz. As other countries sockets often differ from Swedish ones you might need an adapter for electrical appliances.

### **Geography and population**

Sweden is a country situated in northern Europe. Together with Denmark, Finland, Iceland and Norway they form the Nordic group of countries. Sweden is the fourth-largest country in Europe, with an area of 450 000 km (174, 000 sq.) making it similar in size to California, Spain or Thailand. Half of its land area is covered with forest and less than 10 % is farmland. A long mountain chain in the Northwest reaches heights of up to 2,111m (6,926 ft) and there are thousands of islands along the jagged coast. The population of Sweden is 8, 7 million, more than a third of which is concentrated in the three largest cities; Stockholm, Gothenburg and Malmö.

### **Government**

Modern Sweden is a constitutional monarchy with a one-chamber parliament, the *Riksdag*, consisting of 349 members elected every fourth year by a system of proportional representation. King Carl XVI Gustaf came to the throne in 1973. Even though he is Head of the State, he possesses no political power. Political power rests with the Prime Minister (*Statsminister*) and his Cabinet (*Regering*).

### **Health Care**

In case of emergency, dial 112 and ask for  
the Fire Brigade: *Brandkåren*  
the Police: *Polisen*  
an ambulance: *Ambulans*

It is also possible to go directly to the emergency ward (*Akutmottagning*) at the hospital or the medical centre (*Vårdcentral*).

For a normal medical appointment there are following options:

Contact the medical centre (*Vårdcentralen*) serving your area. Their addresses and telephone numbers are listed in the blue pages of the telephone directory or, alternatively, phone Karlskrona Hospital and they will tell you which medical centre is closest to your home. An appointment is not always necessary.

You can also visit clinics (*Läkarhus*), where a group of both general practitioners and specialists hold their surgery. You will need to make an appointment.  
There are also private doctors who are listed under “*Läkare*” in the yellow pages in the telephone directory.

### **Library**

The University Library is one library at two locations. Biblioteket Gräsvik is located in Karlskrona and in Ronneby you'll find Infocenter, which is run both by Ronneby commune and by the University.

To be able to borrow books from the library you need a personal library card. If you bring an ID you can get your library card at our information counter.

### **Biblioteket Gräsvik**

Opening hours:

Monday-Thursday 8.00-18.00

Friday 9.30-16.00

The Library is closed for the summer 14 June - 8 August.

Contact us:

Blekinge Institute of Technology,  
Campus Gräsvik, Valhallavägen 1  
Karlskrona

Mailing address:

Blekinge Institute of Technology,  
371 79 Karlskrona

Tel:+46 455-38 51 01

Telefax:+46 455-38 51 07

E-mail: [grasvik@bib.bth.se](mailto:grasvik@bib.bth.se)

### **Infocenter**

Opening hours:

Monday - Thursday: 08.00-21.00

Friday: 9.30-16.00

Saturday: 11.00-14.00

Contact us:

Visiting Address:

Infocenter, Soft Center, etapp 8

Mailing address:

Infocenter, Soft Center, 372 25 Ronneby

Tel: +46 457-38 51 30

Telefax:+46 457-137 89

e-mail: [infocenter@bib.bth.se](mailto:infocenter@bib.bth.se)

### **Pharmacies**

In Sweden pharmacies handle prescription drugs and simple patient remedies, as well as hygiene products. Pharmacies are normally open 9. 00-18. 00 on weekdays, a few hours on Saturday and are closed on Sunday.

### **Public Holidays and Traditional Festivities**

Swedish public holidays, when banks and shops are closed, are;

New Years Day                      January 1 st

Epiphany                                January 6 th

Good Friday                            Early April

Easter Sunday	“
Easter Monday	“
May Day	May 1 st
Ascension Day	May
Whit Sunday	May/June
Whit Monday	“
Midsummer Day	End June
All Saints Day	Early November
Christmas Day	December 25 th
Boxing Day	December 26 th

### **Religion**

Ninety-two percent of the population belong to the Church of Sweden (Lutheran) from birth/christening. Sweden has a relatively large number of free churches compared to the other Nordic countries. In addition to the Church of Sweden there are many other Christian churches and denominations. The Roman Catholic Church is the largest and the others are the Orthodox and Eastern Churches. Muslims make up the largest group of non-Christians.

### **Shopping Hours**

The shops are normally open Mon-Fri between 9.30 and 18.00, Saturdays 9.30-14.00. Once a month there is extended Saturday shopping, 9.30-16.00

### **Telephone**

When you call from any telephone in Sweden, there is a charge for each call based on duration and destination. You can make collect calls from most phones and phone booths. You might want to buy a telephone-card, as most booths do not take coins anymore. In the telephone directory you will find a lot of useful information such as area codes, prices for various services etc. There are also tables of how to call all foreign countries from Sweden and a complete list of foreign embassies in Sweden.

### **Travel information**

#### **Travelling by train**

Travelling by train in Sweden is cheap, compared to other European countries. However before you leave it is a good idea to organise your trip, because it is normal in Sweden to book your seat. Trains do usually not run as frequently as you might be used to and this is another good reason to plan your trip in advance.

The Swedish Railway company (SJ) has four types of train tickets: “normal”, “reslust”, “röd reslust” and “reslust direkt”. It is rather complicated to explain these tickets in detail.

The most important thing for you to know as a student is that there is a big price difference between the different tickets. On long distance prices can suddenly drop from SEK 500 (“normal”) to SEK 130 (“reslust direkt”).

When you are a member of Blekinge Studentkår (BSK) you will get a student card. This card entitles you to 30% reduction on the prices of all the types of tickets. It takes a few weeks before this card arrives and during this time, you can get a temporary student rail card at the train station after showing your receipt from BSK.

#### **Travelling by bus**

Travelling by bus is another easy and cheap way of transport. There are both local busses for example between Karlskrona and Ronneby, and a lot of long distance buses going up north in Sweden and abroad.

#### **Monthly train/bus ticket**

When you have to travel a lot in the neighbourhood (e.g. from Karlskrona to Ronneby) you can buy a monthly card called “länskort”. This card costs SEK 500 per month and is valid for the whole of Blekinge.

**Travelling by plane**

Outside Ronneby, in Kallinge, a small airport is located. From here, there are four daily flights to Copenhagen and Stockholm during the week and two during the weekend. With your student card you can get very cheap stand-by tickets. For example to Stockholm for approx.: 200 SEK.

A bus (*Flygbussen*) goes from Karlskrona to the airport and stops at the train station in Ronneby. The times for these connected buses depend on the arrival and departure times of the flights.

**Travelling by boat**

Between Karlskrona and Gdynia in Poland, there is a ferry. It usually goes once a day and it takes eleven hours to travel to the other side of the Baltic Sea. From Ronneby and Karlskrona you can also catch "*Skärgårdsbåtar*", which are sightseeing boats travelling around the coastal island groupings. More information can be obtained at the local tourist offices.

## ECTS APPLICATION FORM

<b>Personal information</b>		<b>Photo</b>
Name:		
National identification number:		
Street address:		
Postal number:	Postal address:	
Telephone number:	E-mail:	
Home university:	Department:	

<b>Studies</b>
I am presently studying at the following study programme:
I have today ..... ECTS credits completed.
I apply for studies at the following universities:
1.
2.
3.
I wish to study abroad as an ERASMUS student during the following period:
Autumn 200....                      Spring 200....                      The academic year of 200.... /200...

<b>Signatures:</b>	
Date:	Student:
Date:	ECTS Institutional Co-ordinator, Sending Institution
Date:	ECTS Departmental Co-ordinator, Sending Institution
Date:	ECTS Institutional Co-ordinator, Receiving Institution
Date:	ECTS Departmental Co-ordinator, Receiving Institution

Give/Send your application to Blekinge Tekniska Högskola, International Office, S-371 79 Karlskrona, Sweden, **latest March 1<sup>st</sup>**.  
*For international students 15 May for autumn semester, 15 November for spring semester. Your application should include (all in English):*

1. A CV (including information about your language knowledge),
2. An official transcript of records (Ladok in English for the Swedish students),
3. On a separate sheet, a short letter of purpose describing your motivation to study within the ERASMUS programme

## ECTS- European Credit Transfer System Learning Agreement

.....  
Student's name

.....  
Date of birth

.....  
Address

.....  
Intended degree at home institution

.....  
Home institution, department

.....  
Host institution, department

.....  
Time period at host institution

Course unit code(if any)	Course unit title (as indicated in the ECTS information package)	Number of ECTS credits

*If necessary, continue this list on a separate sheet.*

.....  
Date

.....  
Student's signature

### HOME INSTITUTION

We confirm that this proposed programme of study/learning agreement is approved

.....  
Date

.....  
Departmental co-ordinator's signature

.....  
Date

.....  
Institutional co-ordinator's signature

### HOST INSTITUTION

We confirm that this proposed programme of study/learning agreement is approved

.....  
Date

.....  
Departmental co-ordinator's signature

.....  
Date

.....  
Institutional co-ordinator's signature

ECTS – EUROPEAN CREDIT TRANSFER SYSTEM

**TRANSCRIPT OF RECORDS**

NAME OF SENDING INSTITUTION: .....	
Faculty/Department of .....	
ECTS departmental coordinator: .....	
Tel.: .....	Fax: ..... E-mail: .....
NAME OF STUDENT: ..... First name: .....	
Date and place of birth: ..... (sex: ..... )	
Matriculation date: ..... Matriculation number: .....	
NAME OF RECEIVING INSTITUTION: .....	
Faculty/Department of .....	
ECTS departmental coordinator: .....	
Tel.: .....	Fax: ..... E-mail: .....

Course Unit code (1)	Title of the course unit	Local grade (2)	ECTS grade (3)	ECTS credits (4)
.....	.....	.....	.....	.....
.....	.....	.....	.....	.....
.....	.....	.....	.....	.....
.....	.....	.....	.....	.....
.....	.....	.....	.....	.....
.....	.....	.....	.....	.....
.....	.....	.....	.....	.....
.....	.....	.....	.....	.....
.....	.....	.....	.....	.....
.....	.....	.....	.....	.....
.....	.....	.....	.....	.....
to be continued on a separate sheet				Total: ....

(1) (2) (3) (4) see explanation on back page

Diploma/degree awarded: .....

Date: ..... Signature of registrar/dean/administration officer: ..... Stamp of institution: .....

NB: This document is not valid without the signature of the registrar/dean/administration officer and the official stamp of the institution. P.T.O.

**(1) Course unit code:**

Refer to the ECTS information Package

**(2) Description of the institutional grading system:**

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**(3) ECTS grading scale:**

ECTS Grade	Definition
<b>A</b>	EXCELLENT – outstanding performance with only minor errors
<b>B</b>	VERY GOOD – above the average standard but with some errors
<b>C</b>	GOOD – generally sound work with a number of notable errors
<b>D</b>	SATISFACTORY – fair but with significant short coming
<b>E</b>	SUFFICIENT – performance meets the minimum criteria
<b>FX</b>	FAIL – some work is required before the credit can be awarded
<b>F</b>	FAIL – considerable further work is required

**(4) ECTS credits:**

- 1 full academic year = 60 credits
- 1 semester = 30 credits
- 1 trimester/term = 20 credits