

Programme Syllabus with
course syllabi

for

Information Technology and Management

Business Development

120 Credits

Graduate

Start fall 2009



JÖNKÖPING INTERNATIONAL
BUSINESS SCHOOL

JÖNKÖPING UNIVERSITY

Background

The programme is given by Jönköping International Business School and is titled Information Technology and Management Business Development. The full-time two-year programme comprises 120 credits.

Having satisfied all requirements laid down by regulation for the degree concerned, the professional degree of Master of Science two years with a major in Informatics is awarded.

General aims of JIBS

JIBS strives for creating a teaching environment that enhances the students' individual development and encourages them to take responsibility for their studies as part of a life-long learning process. To create conditions for life-long learning, JIBS in cooperation with the university library, ambitiously trains its students to develop information literacy. The concentration on information literacy has support in all programmes and is well integrated in the ordinary education.

The goal of JIBS is to give its students the opportunity to train their ability in

- critical and creative thinking
- taking action and being innovative
- communicative skills
- being prepared to act appropriately in a dynamic reality
- undertaking research and analysis
- following and participating in the continuous development of knowledge and society

An entrepreneurial spirit is put into everyday practice at JIBS. The attitude towards new ventures and projects is generous. JIBS is furthermore an advocate of ethical behaviour, equal opportunities, ecological awareness and social responsibility.

Study Abroad at JIBS

There are excellent possibilities to study abroad at any of our two hundred global partner universities. All programme students are guaranteed a term abroad, with the opportunity for an additional term. All students study at least 15 ECTS credits in English, German, French or Spanish (the language must be non-native to the student). JIBS does not object to students developing a command in languages other than English.

Workshops

Compulsory workshops are part of all programmes at JIBS. They are non-credited and may vary in number. These workshops include the following: 1) Introducing students to the school's computer system. 2) Dealing with information retrieval at the school. 3) Covering written and oral proficiency (for BBA students this workshop is part of English for Business Studies). Other workshops aiming at bringing real-world issues into the education are also part of the programme education at JIBS.

Aims

This is a two-year Master's programme that aims at bringing together students with business and technology background to provide them with knowledge on approaches where information technology is a driving force for successful business operation. Information systems and business applications are essential part of businesses processes nowadays. However, information systems are not isolated, rather they function in a business context of an enterprise and operated by the enterprise personnel. Only when all parts of this complex socio-technical system work well it brings the business most benefit. Achieving this requires understanding of two perspectives: management of business processes as well as engineering of information systems to support them. Thus, this master's programme offers two specializations.

Study Abroad and Internationalisation

Students are recommended to spend one semester abroad to gain international experience and knowledge. JIBS has more than 200 partner universities.

Contents

The specialization Business Development focuses on management of IT to support business development where IT is an enabling technology and important driving force for new ways of doing business, both locally and globally. The programme emphasizes the combination of issues concerning business processes, the networked society and the human use of IT.

Close-to-all business possibilities, traditional as well as emerging are enabled by IT and therefore put new demands on how to coordinate and manage business development with IT. In other words, the programme focuses on IT enabled business development and alignment of business and IT as key factors in gaining competitive advantage.

Knowledge themes addressed in the program are as follows:

- Business processes in an increasingly networked society
- Strategic planning and leadership
- E-communication, knowledge sharing and cooperative work
- IT investments and legal aspect.

Language

The education is given and examined in English

Prerequisites

Bachelor's degree with a major in Informatics, Business Informatics, Business Administration, Information Technology, Computer Science, Management or equivalent. English equivalent to English B in the Swedish upper secondary school

Learning outcomes

Knowledge and understanding

- demonstrate knowledge and understanding in their main field of study, including both broad knowledge in the field and substantially deeper knowledge of certain parts of the field, together with deeper insight into current research and development work
- demonstrate deeper methodological knowledge in their main field of study

Skills and abilities

- demonstrate an ability to critically, independently and creatively identify and formulate issues and to plan and, using appropriate methods, carry out advanced tasks within specified time limits, so as to contribute to the development of knowledge and to evaluate this work
- demonstrate an ability to clearly present and discuss their conclusions and the knowledge and arguments behind them, in dialogue with different groups, orally and in writing, in national and international contexts
- demonstrate the skill required to participate in research and development work or to work independently in other advanced contexts
- demonstrate an ability to critically and systematically integrate knowledge and to analyse, assess and deal with complex phenomena, issues and situations, even when limited information is available

Assessment and attitude skills

- demonstrate insight into the potential and limitations of science, its role in society and people's responsibility for how it is used
- demonstrate an ability to make assessments in their main field of study, taking into account relevant scientific, social and ethical aspects, and demonstrate an awareness of ethical aspects of research and development work
- demonstrate an ability to identify their need of further knowledge and to take responsibility for developing their knowledge

Academic year 1

Study period 1	Study period 2	Study period 3	Study period 4
Information Technology and Innovation Management (IBID27) 8 hp	Knowledge Modeling and knowledge Management (JIKD28) 7 hp	Enterprise modelling (JEMD27) 7.5 hp	CORPORATE ENTREPRENEURSHIP AND STRATEGIC RENEWAL (ICPD27)
Research Methods in Informatics and Computer Science (JCOD27) 7.5 hp	Organising and Leading Change (JOCD28) 7.5 hp	Societal and Industrial Evolution in the Connected (IT) Economy (JSID27) 7.5	IT Investments and Procurement (IIPD27)

Academic year 2

Study period 1	Study period 2	Study period 3 and 4
		Master Thesis in Informatics (Two Years) (JM2D28) 30 hp

Evaluation

Evaluations of courses and programs is a crucial part of quality development at JIBS. Collaboration with elected students as representatives and student organizations, JSA, is crucial. This process is conducted on two levels, programs and courses.

Program level

On the program level students elect representatives, program developers that represent each track of the program and each study year of the program. Program developers and program managers meet on regular basis and discuss courses and the progress of the program. After each period (two periods each semester program developers and program managers' meets and discuss the outcome of courses. Program developers take contact with course responsible in order to share the overall impression and student experiences from courses. On the annual basis program manager, program developers, JSA and faculty perform a program conference in order to discuss the entire program.

Course level

On the course level program developers and course responsible meet shortly after the course has started. The purpose is to ensure that the course is working well and if necessary make minor changes. After each course is finished all students perform course evaluations on the JIBSNET, and program developers evaluate the course on the aggregate level and communicate with program manager and course responsible.

Student Influence

Student influence is part of JIBS strategy for democratization of education and improving quality in teaching. This is ensured through election of student representatives in each program and each track, for each study year of the program. Those program developers are forming course councils and program council. Continuous meetings with director of education, program managers, and course responsible ensures that information is exchanged and communicated. JSA is an active part of this process.

Examination grades

Students must satisfy course requirements. Three methods of evaluation of student performance in courses are used: written examination, oral examination, and written assignment. In a single course, one of these methods may be used or a combination of them may be used. Oral examinations and written assignments may be carried out individually or in groups. Written examinations are to be done soon after the course has come to an end. In courses where there is a written examination, the student is offered at least two retakes per course. For written examinations taken in May/June only one retake opportunity is given, in August. Those who have passed an exam are not allowed to retake it.

All courses are graded. Usually students receive two grades: a Swedish grade, with Passed with distinction (VG), Passed (G) and Failed (U) as the possible grades, and an ECTS grade, with A-E being passed grades and Fx being failed. For most workshops and some courses, only Passed or Failed is given.

Degree certificate

A degree, Master of Science, two years with a major in Informatics will be awarded, upon request, to students who have completed all the necessary credits for this degree. The requirements for completing the two-year programme are 120 ECTS including the courses Business and IT Management, Principles and Practice. Research Methodology and Master thesis. Not more than 30 ECTS can be on the undergraduate level.

Career prospects

This is a programme for those who want to work in a national or international environment with managerial and strategic IT and business issues. The programme also provides adequate prerequisites to apply for a PhD programme and a potential forthcoming research career. Examples of future professional roles that will be open after the program include Chief Information Officer (CIO), IT Controller, IT Consultant and Project Manager. Beside these formal professional roles there are also a number of functions that need to be handled by professionals. These functions are: IT strategy, Enterprise system enhancement, Internal IT-competence development, Business architecture and System integration facilitation.