

IT-Universitetet
i København

Curriculum for the Bachelor Programme in Global Business Informatics at the IT University of Copenhagen

10 June 2010

Contents

- Background
- Chapter 1. Competence profile of the programme
- Chapter 2. Duration and titles of the programme
- Chapter 3. Admission requirements and conditions
- Chapter 4. Structure, content, etc.
- Chapter 5. Examinations
- Chapter 6. Miscellaneous regulations
- Chapter 7. Date of commencement and transitional regulations

Background

This curriculum for the Bachelor Programme in Global Business Informatics has been drawn up by the Board of Studies at the IT University of Copenhagen (in the following referred to as the Board of Studies ITU). The curriculum has been drawn up in compliance with the Executive Order on Bachelor's and Master's (Candidatus) Programmes at Universities (the Order on Study Programmes) from the Ministry of Science, Technology and Innovation (executive order no. 338 of 6 May 2004).

Chapter 1

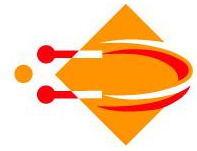
Academic profile of the programme

Objectives and academic profile of the programme

Section 1. The purpose of the Bachelor Programme in Global Business Informatics is to provide students with the scientific qualifications to independently analyse and work with design and IT in processes that support the participation of private and public enterprises in the global economy. The process concept is a theoretical, methodic and practical centre which is considered from technical, business and social angles. The programme combines fields within computer science, business and social sciences.

Subsection 2. Bachelors will be able to play an independent reflective role in relation to businesses' work with computer-aided process innovation and organisational implementation of IT in a global context.

Subsection 3. Bachelors are qualified to hold posts in business and industry within project management and facilitation, design and analysis of work processes, drafting of concept and action plans using traditional methods and tools, and to apply for admission to a Master of Science Programme in Information Technology.



Objectives for learning output

Section 2. On completion of the programme, the student must have attained the following learning output objectives. The learning output is divided into the categories knowledge, skills and competences, cf. the Danish Qualifications Framework for higher education.

Subsection 2. Knowledge and understanding

Knowledge

The bachelor must

- have in-depth knowledge of theory, method and practice in the fields of natural and social science comprised by the programme
- have knowledge of the multidisciplinary nature of problems in relation to computer-based innovation of processes and the theory of the scientific basis for solving them.

Level of understanding and reflection

The bachelor must

- be able to understand and reflect on different scientific perceptions of process and globalisation concepts as well as their methodic and practical consequences
- be able to understand and reflect on different scientific perceptions of concepts relating to formalisation, classification, analysis and design in process innovation as well as their methodic and practical consequences
- understand current technological trends in relation to process innovation in a historic and global perspective and reflect on changing relations in work practices, gender, subjectivity, culture and technology in a global context.

Subsection 3. Skills

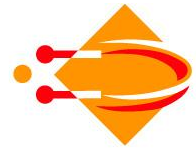
The bachelor must

- be able to analyse work flows and business processes for the purpose of business development, design and implementation of IT in a global context
- be able to analyse organisations, IT applications and business matters in a global perspective
- be able to identify collaboration and coordination requirements in and among virtual and other groups
- be able to use project management models and tools.

Assessment and decision

The bachelor must

- be able to assess information-related problems in intercultural processes and to design new computer-based solutions
- be able to assess the perspectives of different individuals and groups on work and organisational processes and the challenges related to improvement by using IT.



Presentation

The bachelor must

- be able to present challenges and opportunities related to computer-based process innovation between users, designers and business management in a global context
- be able to express himself or herself in writing as well as orally on social and technical subjects in multidisciplinary settings with due consideration for different target groups and their professional and cultural backgrounds.

Subsection 4. Competences

Scope

The bachelor must

- be able to use basic knowledge of the relevant process areas in analyses of businesses and organisations with respect to IT-enabled change
- be able to handle complex and development-related situations in study and work contexts as well as globally
- be able to design IT-solutions as integral elements of global work and business processes
- be able to design organisational change processes focusing on IT and global processes.

Collaboration and responsibility

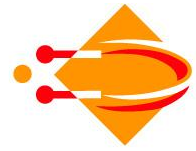
The bachelor must

- be able to independently initiate collaborative work in professional and multidisciplinary settings in a professional manner
- be able to facilitate collaboration in a global context.

Learning

The bachelor must

- be able to identify his or her own learning needs and structure his or her own learning in different work and learning environments.



Chapter 2

Programme duration and titles

Duration

Section 3. The programme has a standard duration of 180 ECTS points. 60 ECTS points correspond to one year of full-time studies, cf. the Order on Study Programmes section 6, subsection 3.

Subsection 2. The programme must be concluded within five years of commencement of the programme. Under special circumstances, the IT University is entitled to grant exemptions from this regulation.

Subsection 3. The IT University may without further notice end the enrolment for students who have not been active in their study programme for a consecutive period of at least 1 year, cf. section 36 of the Executive Order on Admission etc. in connection with Bachelor's and Master's Programmes at Universities (the Admission Order) from the Ministry of Science, Technology and Innovation (executive order no. 181 of 23 February 2010). Under special circumstances, the IT University is entitled to grant exemptions from this regulation, cf. the Admission Order section 36, subsection 3.

Subsection 4. A student, who does not pass any examinations corresponding to at least 7.5 ECTS points within a consecutive period of 1 year, is not active in his or her study programme.

Titles

Section 4. A student, who has completed the programme, has the right to use the title *bachelor (BSc) i global virksomhedsinformatik*.

Subsection 2. The title in English is Bachelor of Science (BSc) in Global Business Informatics.

Chapter 3

Admission requirements and conditions

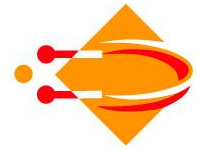
Admission requirements

Section 5. Admission to the programme is conditional upon the applicant having successfully completed an upper secondary programme. Furthermore, the applicant must meet admission area and programme specific requirements.

Subsection 2. The admission area and programme specific requirements, cf. annex to the Admission Order, are B level mathematics and B level English.

Subsection 3. The IT University has defined the following requirements with regard to marks:

- Mathematics (B level or higher) with a minimum average of 6 on the 7-point marking scale of the marks in the discipline that appear from the examination certificate.
- English (B level or higher) with a minimum average of 6 on the 7-point marking scale of the marks in the discipline that appear from the examination certificate.



Subsection 4. The admission area and programme specific admission requirements are published on the admission portal of the Ministry of Education (www.optagelse.dk) and on the IT University's website (www.itu.dk).

Subsection 5. The IT University has the authority to grant admission to applicants who do not meet the requirements in subsections 1–3, but who on the basis of a concrete assessment are considered to have academic qualifications comparable to these. The university may require supplementary tests, cf. the Order on Study Programmes section 9, subsection 3.

Conditions of admission

Section 6. Meeting the admission requirements in section 5 is a necessity, but not sufficient for admission on its own.

Subsection 2. The IT University stipulates and publishes the criteria for selection of applicants via quota 2 and quota 3 if there are more qualified applicants, cf. section 5, than there are places available, cf. the Admission Order section 21 and section 22. The IT University publishes the criteria for selection on the university's website.

Chapter 4

Structure, contents, etc.

Term structure

Section 7. An academic year consists of two terms: the autumn term and the spring term.

Programme structure

Section 8. The programme requires passes in *study activities* corresponding to a workload of 180 ECTS points.

Subsection 2. One term of full-time study consists of study activities worth 30 ECTS points.

Subsection 3. The programme comprises mandatory study activities worth 150 ECTS points, optional study activities worth 15 ECTS points, and a bachelor project worth 15 ECTS points.

Subsection 4. The study activities listed below constitute the core elements of the programme and are worth 135 ECTS points.

- Society & Technology (15 ECTS points)
- IT Foundations (7.5 ECTS points)
- IT & Work Design (15 ECTS points)
- IT Project Management (7.5 ECTS points)
- Enterprise Systems & Information Management (15 ECTS points)
- IT & Business Process Modelling (7.5 ECTS points)
- Organisation & Process Theory (7.5 ECTS points)
- IT-enabled Process Improvement (15 ECTS points)
- Business Foundations (7.5 ECTS points)
- Philosophy of Science & Technology (7.5 ECTS points)
- IT, Globalisation & Culture (15 ECTS points)
- Bachelor Project (15 ECTS points)



Subsection 5. The study activities of the programme are composed of modules. A module comprises one or more study activities and related examinations.

Subsection 6. The student may not complete study activities worth more than the prescribed 180 ECTS points.

Subsection 7. All study activities, including the bachelor project, are concluded with an examination. When the examination has been passed, the study activity is considered passed.

Subsection 8. If a student fails to sit for an examination in study activities for which the student has been registered, the IT University is entitled to reduce, and in special cases even reallocate, the teaching resources devoted to the student.

Subsection 9. To take part in a study activity, a student must register in advance.

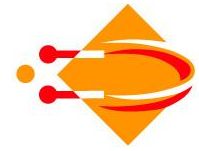
Subsection 10. When registering for study activities, it is the responsibility of the student to make sure that all requirements of his or her study programme can and will be met.

Structure of the programme

Section 9. Each term comprises three modules: Two courses worth 7.5 ECTS points and one course with a project worth 15 ECTS points, or a large, independent project worth 15 ECTS points.

Subsection 2. The modules appear in the table below. Courses and course descriptions are published in the course database on the IT University's website by the Board of Studies in advance of each term.

Subject area	Term	15 Project Unit	7.5 Course unit	7.5 Course unit
IT & the Social Context	1	Society & Technology	IT Foundations	New Media & Communication
	2	IT & Work Design	Database Design	IT Project Management
IT & the Enterprise	3	Enterprise Systems & Information Management	IT & Business Process Modelling	Organisation & Process Theory
	4	IT-enabled Process Improvement	Business Foundations	Philosophy of Science & Technology
IT & the Global World	5	IT, Globalisation & Culture	IT-enabled Supply Chain Management	Elective
	6	Bachelor Project	IT Governance & Quality Management	Elective



Section 10. Each year of study deals with an overall subject area. The overall subject for the first year of study is *IT & the Social Context*, for the second year of study *IT & the Enterprise*, and for the third year of study *IT & the Global World*.

Subsection 2. The first two terms of the programme consist of mandatory modules giving the student a thorough introduction to the foundations of IT, database design, IT project management, a socio-technical perspective on technology, practice and change, and an integrative perspective on IT and work process design. Students are also introduced to new media and communication and to group and project work. The modules integrate the global aspects of the social context.

Subsection 3. The third and fourth terms of the programme consist of mandatory modules giving the student a thorough introduction to organisation theory, the philosophy of science and technology, process modelling, enterprise systems and information management in information structures, as well as IT-enabled process improvement and innovation in a global perspective.

Subsection 4. The fifth and sixth terms of the programme consist of mandatory modules dealing with themes related to IT, globalisation and culture, to IT-enabled supply chain management, and to IT governance and quality management. The terms also comprise two optional courses and the final bachelor project.

Section 11. The programme's global perspective applies to the academic contents as well as the form of study with global interaction being part of the mandatory study activities.

Courses and projects

Section 12. During a *course*, the student attends organised classes, which may include lectures, minor assignments, practical and theoretical exercises, oral presentations, home study, field trips, etc.

Subsection 2. The purpose of course activities is to provide students with knowledge, skills and competences within the subject areas of the programme and the global horizon through lectures, exercises and minor assignments.

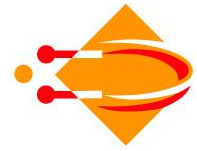
Section 13. A *project* consists of targeted, independent learning under supervision.

Subsection 2. The purpose of project activities is that students apply knowledge to and use skills and competences within IT-enabled process improvement in a global perspective. Project activities also aim for the student to learn to collaborate with others, gain experience in development processes and improve the student's ability to structure his or her work and keep deadlines.

Subsection 3. A project may form an integral part of a course or constitute a course in itself, cf. section 8, subsection 5.

Subsection 4. A project is normally done in groups of 2–6 students. Dependent on the nature of the project, the Board of Studies may grant permission for larger groups.

Subsection 5. A project which does not form part of a course is defined by a *project agreement*.



First year examination

Section 14. The first year examination is composed of the course 'Society & Technology' in the first term (15 ECTS points) and the course 'IT & Work Design' in the second term (15 ECTS points), an aggregate of 30 ECTS points.

Subsection 2. Before the end of the first year of study, students must sit for examinations in the study activities which according to the curriculum constitute part of the first year examination. Sitting for examination means that the student's work can be assessed.

Subsection 3. In order to continue the programme, students must pass the first year examination not later than by the end of the second year of study after starting their studies.

Bachelor project

Section 15. Bachelor projects follow the same rules that apply to other project activities, cf. section 13. The following special conditions also apply to the bachelor project.

Subsection 2. The bachelor project must be worth 15 ECTS points.

Subsection 3. The bachelor project must be composed in the sixth term of the programme.

Subsection 4. The bachelor project must demonstrate that the student has acquired the qualifications to formulate, analyse and work with problems in a defined subject area that reflects the main focus of the programme (including the global perspective), cf. the Order on Study Programmes section 16, subsection 5.

Subsection 5. The bachelor project is defined by a *project agreement*.

Subsection 6. The project agreement is prepared in collaboration with one or more supervisors. The Board of Studies approves the subject delimitation in accordance with subsection 4 and lays down a hand-in deadline for the bachelor project, cf. the Executive Order on Study Programmes section 16, subsection 6. The bachelor project is generally composed in a group of 2–3 students. The bachelor project is concluded with a written bachelor report and an individual, oral defence.

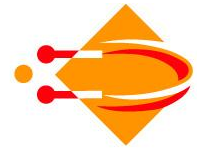
Subsection 7. The bachelor report must be written in English. The report must include a summary that forms part of the total assessment, cf. section 11, subsection 2 of the Executive Order on Examinations in University Programmes (the Examination Order) from the Ministry of Science, Technology and Innovation (executive order no. 867 of 19 August 2004). The summary must be written in English.

Subsection 8. The student's spelling and writing skills form part of the basis of the assessment of the bachelor project, however with the main emphasis being given to the academic contents, cf. the Examination Order section 11, subsection 1.

Subsection 9. Please also refer to the IT University's examination regulations.

Study language

Section 16. The programme is conducted in English in the three years of study.



Subsection 2. Students must therefore be able to read texts in English, participate actively in teaching conducted in the English language, and write and present assignments and projects in English.

Subsection 3. Students will be trained in making presentations in oral and written English.

Subsection 4. All examinations will be conducted in English.

Study activities abroad

Section 17. Credits for study activities abroad may be transferred to the programme. Credits for educational activities during a semester or part of a semester abroad can be transferred as courses and/or projects, provided they meet the requirements, cf. sections 12–13.

Chapter 5

Examinations

Section 18. The IT University issues a diploma for the Bachelor Programme in Global Business Informatics.

Subsection 2. The following rules apply for examinations:

- Executive Order on Examinations in University Programmes (the Examination Order).
- Executive Order on External Examiners on Certain further Education Programmes (the External Examiner Order).
- Executive Order on the Grading Scale and Other Forms of Assessment.

Subsection 3. Please also refer to:

- The IT University's examination regulations.
- The IT University's rules and procedures for complaints.

Chapter 6

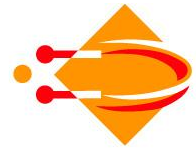
Miscellaneous regulations

Credit transfer

Section 19. Credits can be awarded for parts of the programme by credit transfer from other institutions, but only up to a maximum of 120 ECTS points.

Subsection 2. Credit transfers for study activities from other institutions require approval by the Board of Studies.

Subsection 3. The content of the activity for which the credit is transferred must correspond with the learning output objectives of the Bachelor Programme in Global Business Informatics, cf. section 2. Documentation must be presented as to the amount of ECTS points and assessment and to document that the activity for which the credit is transferred corresponds to a bachelor's programme.



Exemptions

Section 20. When justified by special circumstances, the IT University is entitled to grant exemptions from the rules in the curriculum that have been laid down by the university and the university alone, cf. the Order on Study Programmes section 67, subsection 5.

Subsection 2. The authority to grant exemptions stipulated in subsection 1 is administered by the Board of Studies in the area of responsibility of the Board of Studies, cf. the Act on Universities section 18.

Subsection 3. The Ministry of Science, Technology and Innovation is entitled to grant exemptions from the Order on Study Programmes if justified by special circumstances, apart from instances where the IT University is empowered to grant exemptions, cf. the Order on Study Programmes section 75.

Complaints

Section 21. As regards complaints, please refer to the IT University's rules and procedures for complaints.

Chapter 7

Date of commencement and transitional regulations

Section 22. This curriculum comes into force 1 August 2010 and applies to all students admitted to the Bachelor Programme in Global Business Informatics which starts in the autumn of 2010.

Subsection 2. When a new curriculum is published, or in the event of significant changes to this curriculum, transitional regulations will be set out in the curriculum.

Approved by the Board of Studies 10 June 2010

Approved by Vice Chancellor Mads Tofte 1