Business Information Technology, Pasila campus

Name of qualification:	Bachelor of Business Administration (BBA) and the Finnish title of tradenomi
Level of qualification:	Bachelor's degree
ECTS credits:	210 ECTS credits
Official length of programme:	3.5 years
Mode of study	Full-time day programme
Assessment:	- See degree regulations - See assessment process
Programme requirements:	Two academic years intensive studies, Work placement, Bachelor's Thesis, Maturity test
General arrangements for the accreditation of prior learning:	See Haaga-Helia's general arrangements of the accreditation of prior learning
Admission requirements:	Act of Polytechnics 9.5.2003/351 20§ Before applying see the admission criteria at www.studyinfo.fi !
Access to further study:	- Non-Degree studies in Haaga-Helia - Master's Degree: Degree Programme in Information Systems Management, Helsinki Pasila - University studies
Internationalization:	The programme is international and multicultural. Students typically come from all five continents and they are eager to share their experiences and skills with fellow students and teachers and, of course, learn new skills in multicultural teams. The programme has close connections to many international universities. They offer opportunities to our students to go to student exchange and increasingly participate in international research and development projects. It is also possible for the students to apply for Double

	Degree studies; for example, we have a Double Degree agreement with Hes-so in Switzerland.
Employment opportunities after graduation:	Our graduates typically find their first jobs in different size ICT companies either in Finland or abroad or they may choose the option to become entrepreneurs. As ICT is an evolving and growing field of business, ICT career provides also interesting opportunities for lifelong learning and a change to change the world in numerous ways.
Cooperation with working life and other associates:	Students will learn a lot in real-life projects and also in innovative lab environments. The real-life projects come from our partner companies and our students learn how to work with professionals with challenging targets and goals. Furthermore, our programme encourages individual IT development work extensively.

Profile of the Degree Programme in Business Information Technology (BIT)

Key learning outcomes of the Programme

BIT programme provides student with the theoretical and practical knowledge required to operate in the ICT-field. Programme works in close co-operation with the business life and some of the courses are made by the visiting lecturers. Studies offer general skills needed in expert duties, such as co-operation and communication skills, initiative and ability to work independently. Graduates of BIT programme are currently working in several fields in Finland and abroad.

A BBA from Business Information Technology Programme

- is capable to work either in ICT user organizations or in ICT services companies as an expert in her/his field

- manages overall development process of ICT systems and is able to work effectively in his field, in which more accurate on-line information is gathered from various places and equipment

- can participate in business process development and can support decision makers to make justified decisions regarding packaged application selection, implementation and usage

- knows a variety of web and mobile development environments and technologies including database tools, both proprietary and open source

- is able to become a private entrepreneur

- can operate both in Finnish and English.

In addition to the wide knowledge of programs and business applications, student can choose between two different study paths for specialisation.

- Web Application Developer

- Business IT Consultant

Professional growth

Professional growth of a BIT student is encouraged by down-to-earth assignments, close co-operation with the business life and work placement. The base of an IT-professional is built during the first semesters with compulsory courses. During the latter part of the degree, students will deepen their knowledge of their chosen specialisation as well as study courses of their choice.

Annual themes

Personal Development of a BIT student can be divided into 6 categories according to the level of IT knowledge. Studies start with a general introduction to programs and business applications. Programming is also introduced to the students. As the know-how of students gets deeper, more applications and programs are being introduced. 5th semester is dedicated to Work Placement made either in Finland or abroad. After a peek to working life, students are encouraged to choose their free-choice courses and do their specialisation studies.

1st semester	Introduction to Business and ICT
2nd semester	Developing Business and Information Systems
3rd semester	Working with Entreprise Architectures
4th semester	Developing a Business Solution and Selecting the Study path
5th semester	Work Placement
6th-7th semester	Deepening professional profile

- Student's professional development
- Structure, Content and Extent of the Degree Programme (BIT 2007 curriculum)
- Structure, Content and Extent of the Degree Programme (BIT 2013 curriculum)
- Recommended Study Schedule (BIT 2007 curriculum)
- Recommended Study Schedule (BIT 2013 curriculum)

Student's professional development

Studies during the first three semesters are compulsory for all of the students. It is strongly recommended that students follow the curriculum given. Moreover, the course timetables are designed according to the curriculum for each semester. Students may choose their study paths from the 4th semester onwards. Study paths constitute of 30 ects. In addition to this, students can take free-choice courses from current course selection. Intention of the free-choice courses is to deepen the knowledge of specific field of studies. In case student has previous studies from similar field of studies or he/she has worked in a field, some of the courses can be passed by recognition of prior learning procedure

Business IT Consultant's Study Path

educates students for ICT consulting profession. These consultants will work either with internal or external customers to create and develop ideal business solutions. Professional profile focuses on good communication skills, deep knowledge of ICT infrastructure, architectures and applications. Based on these skills graduates are able to create effective and optimal system solutions for business needs. Graduates understand and can enhance both human and organizational change processes when new applications are implemented and they know how to train and support users.

Web Application Developer's Study Path

educates students to develop Internet based business applications. The aim is that graduates are capable to understand various business needs, can translate them into system requirements and are able to design and program effective, user friendly and thoroughly tested applications. They can create secure and reliable applications and they have skills and knowledge for training and supporting the system users.

Recommended Study Schedule (BIT 2007 curriculum)

Business Information Technology

(students who began their studies before Autumn 2013)

	Code	Extent
----- ----- **1st Semester** ----- ----- ----- ----- ----- ----- -----		
Orientation to Studying in HAAGA-HELIA 1	INS1TF100	1
HAAGA-HELIA Tools	INS1TF003	5
Introduction to Business and Business Processes	BUS1TF001	5
Intercultural Awareness	CUL1TF001	3
Introduction to Web Site Development	ITP1TF001	5
Introduction to Programming	ITP1TF011	5
Swedish Level Test	SWE1TD061	0
English Level Course	ENG8TF003	3
Swedish Level Course	SWE8TD062	3
Non-Finnish Speakers		
Introduction to the Finnish Language 1	FIN4TF001	3
Introduction to the Finnish Language 2	FIN4TF002	3
Finnish Speakers		
Finnish and Communication 1	COM4TF001	3
----- ----- **2nd Semester** ----- ----- ----- ----- ----- ----- -----		
Orientation to Studying in HAAGA-HELIA 2	INS1TF200	1
Basics of Computers	DAT1TF010	4
English 1	ENG1TF058	3
Developing a Web Application	ITP1TF012	12
Managing Business Information Systems Development	SYS1TF010	5
Non-Finnish Speakers		
Finnish 3	FIN4TF003	3
Finnish 4	FIN4TF004	3
Finnish Speakers		
IT Swedish	SWE4TF044	3

Introduction to IT Strategic Thinking	BUS4TF007	6
Corporate and IT Security	SYST8F010	5
Web Application Developer		
Corporate and IT Security	SYS8TF010	5
Database Developer	ITP4TF150	6
Software QA and Testing	ITP4TF499	5
Mobile Development	ITP8TF155	6
Free-choice Professional Studies (example)*		
Big Data	BUS8TF100	5
Business Intelligence	BUS8TF017	6
Customer Relationship Management Processes	BUS8TF008	4
Excel in Business	TOO8TF006	3
Java Programming	ITP8TF301	4
Linux Basics	DAT8TF063	3
Project and Programme Management	BUS8TF006	6
Requirements Analysis	BUS8TF300	6
Sales and Service Development	BUS8TF158	3
SAP ERP Basics	SYS8TF100	7
SAP ERP Advanced	SYS8TF200	5
Selling Professional IT Services and Solutions	BUS8TF159	3
Usability	SYS8TF250	5
Web Security	SYS8TF011	5
Thesis		15
Thesis Seminar and Workshop	THE7TF900	0

*Elective course offering may vary between semesters

Recommended Study Schedule (BIT 2013 curriculum)

Business Information Technology (for students who begin their studies in Autumn 2013 or after)

Course Name	Code	Extent
----- ----- **1st Semester** ----- ----- ----- ----- ----- ----- -----		
Orientation to Studying in HAAGA-HELIA 1	INS1TF100	1
Office Tools	INS1TF103	5
Introduction to Business	BUS1TF102	6
Intercultural Awareness	CUL1TF001	3
Introduction to Web Site Development	ITP1TF101	6
Basics of Computers	DAT1TF010	4
English Level Test	ENG1TF100	0
English Level Course	ENG8TF003	3
Non-Finnish Speakers		
Introduction to the Finnish Language 1	FIN4TF001	3
Introduction to the Finnish Language 2	FIN4TF002	3
Finnish Speakers		
Finnish and Communication 1	COM4TF001	3
Swedish Level Test	SWE1TD061	0
Swedish Level Course	SWE8TN062	3
----- ----- **2nd Semester** ----- ----- ----- ----- ----- ----- -----		
Orientation to Studying in HAAGA-HELIA 2	INS1TF200	1
Introduction to Programming	ITP1TF111	8
Introduction to User Centered Design	SYS1TF255	6
English 1	ENG1TF058	3
Business Information Systems	SYS1TF110	6
Non-Finnish Speakers		
Finnish 3	FIN4TF003	3
Finnish 4	FIN4TF004	3

Finnish Speakers

Finnish and Communication 2	COM4TF030	3
IT Swedish	SWE4TF044	3

----- ----- **3rd Semester** ----- ----- ----- ----- ----- ----- -----

Business Process Management	BUS1TF103	5
Managing User Workstation	DAT1TF011	5
English 2	ENG1TF102	3
Developing a Web Application	ITP1TF012	12

Non-Finnish Speakers

Finnish 5	FIN4TF005	3
Finnish 6	FIN4TF006	3

Finnish Speakers

Finnish Business Communication	COM4TF033	3

----- ----- **4th Semester** ----- ----- ----- ----- ----- ----- -----

Building a Server Environment	DAT1TF012	3
Research Seminar	INS2TF110	6
Business Mathematics	MAT1TF002	4
Project Management	BUS1TF106	6

Elective Professional Studies

Business IT Consultant

Customer Relationship Management	BUS8TF008	6
Enterprise Resource Planning (ERP) 1	SYS4TF170	6

Web Application Developer

Web Application Project	ITP4TF113	12

Free-choice Professional Studies

Spoken Finnish	FIN8TF100	3

----- ----- **5th Semester** ----- ----- ----- ----- ----- ----- -----

Work Placement	PLA6TF001	30

----- ----- **6th Semester** ----- ----- ----- ----- ----- -----

Elective Professional Studies

Business IT Consultant

Financial and Management Accounting	BUS4TF105	6
Supply Chain Management	BUS4TF104	6

Web Application Developer

Database Developer	ITP4TF150	6
Software QA and Testing	ITP4TF499	6

Free-choice Professional Studies (example)

Sales and Service Development	BUS8TF158	3
Enterprise Resource Planning (ERP) 2	SYS8TF171	6
Corporate and IT Security	SYS8TF010	5
Linux Basics	DAT8TF063	3
Requirements Analysis	BUS8TF300	6

----- ----- **7th Semester** ----- ----- ----- ----- ----- -----

Thesis		15
Thesis seminar and workshop	THE7TF900	0

Elective Professional Studies

Business IT Consultant

Business Intelligence	BUS8TF017	6
IT Management	BUS8TF107	6

Web Application Developer

Software Engineering Project	SYS4TF222	12

Free-choice Professional Studies (example)*

Selling Professional IT Services and Solutions	BUS8TF159	3
Enterprise Resource Planning (ERP) 3	SYS8TF172	6
Mobile Development	ITP8TF155	6
Web Security	SYS8TF172	5
Advanced Web Technologies	ITP8TF114	6
Java Programming	ITP8TF301	4

*Elective course offering may vary between semesters

Structure, Content and Extent of the Degree Programme (BIT 2007 curriculum)

Business Information Technology

Foreign Students		Credit points
Core Studies		92
Compulsory	Core Studies	74
	Orienting Studies	2
	General IT studies	5
	Web Application Development Studies	22
	Business IT Studies	15
	Architectures and Networks Studies	12
	Business Mathematics	4
	Culture Studies	3
	Research Report	5
	English Language Studies	6
Elective Languages and Communication studies		18
	Finnish Language and Communication studies	18
Professional Studies		58
Compulsory Professional Studies		24
	Information System Development Studies	24
Elective Professional Studies		30
	Web Application Developper	30
	Business IT Consultant	30
Free Choise Professional Studies		4
Free Choise Studies		15
Work Placement		30
Thesis		15
Total		210

Business Information Technology

Finnish Students			Credit points
Core Studies			83
	Compulsory	Core Studies	74
		Orienting Studies	2
		General IT studies	5
		Web Application Development Studies	22
		Business IT Studies	15
		Architectures and Networks Studies	12
		Business Mathematics	4
		Culture Studies	3
		Research Report	5
		English Language Studies	6
	Elective Languages and Communication studies		9
		Finnish Language and Communication studies	9
Professional Studies			58
	Compulsory Professional Studies		24
		Information System Development Studies	24
	Elective Professional Studies		30
		Web Application Developper	30
		Business IT Consultant	30
	Free Choice Professional Studies		4
Free Choice Studies			24
Work Placement			30
Thesis			15
Total			210

Note on Free Choice Studies

The amount of free choice studies is 15 credit points for foreign students and 24 for Finnish students. This is due to the differences in language studies. Students whose mother tongue is Finnish and who have completed Finnish upper secondary education or the Finnish Matriculation examination have language and

communication studies for 9 credit points. Foreign students have language and communication studies for 18 credit points.

For Finnish students it is strongly recommended that they take additional foreign language studies to cover the difference of 9 credit credit points compared to foreign students' language studies

Structure, Content and Extent of the Degree Programme (BIT 2013 curriculum)

Foreign Students			Credit points
Core Studies			105
	Compulsory	Core Studies	87
		Orienting Studies	2
		General IT studies	5
		Web Application Development Studies	32
		Business IT Studies	17
		Architectures and Networks Studies	12
		Business Mathematics	4
		Culture Studies	3
		Research Seminar	6
		English Language Studies	6
	Elective Core studies		18
		Finnish Language and Communication studies	18
Professional Studies			42
	Compulsory Professional Studies		6
		Project Management	6
	Elective Professional Studies		36
		Web Application Developer	36
		Business IT Consultant	36
Free Choice Studies			18
Work Placement			30
Thesis			15
Total			210

Finnish Students			Credit points
Core Studies			99
	Compulsory	Core Studies	87
		Orienting Studies	2
		General IT studies	5
		Web Application Development Studies	32
		Business IT Studies	17
		Architectures and Networks Studies	12
		Business Mathematics	4
		Culture Studies	3
		Research Seminar	6
		English Language Studies	6
	Elective Core Studies		12
		Finnish Language and Communication studies	9
		IT Swedish	3
Professional Studies			42
	Compulsory Professional Studies		6
		Project Management	6
	Elective Professional Studies		36
		Web Application Developer	36
		Business IT Consultant	36
Free Choice Studies			24
Work Placement			30
Thesis			15
Total			210

Note on Free Choice Studies

The amount of free choice studies is 18 credit points for foreign students and 24 for Finnish students. This is due to the differences in language studies. Students whose mother tongue is Finnish and who have

completed Finnish upper secondary education or the Finnish Matriculation examination have language and communication studies for 12 credit points. Foreign students have language and communication studies for 18 credit points.

For Finnish students it is strongly recommended that they take additional foreign language studies to cover the difference of 6 credit points compared to foreign students' language studies.

Exchange semester

Students with Finnish educational background studying in the full-time day programme must include either an exchange study period or work placement abroad in their degree studies. **This regulation applies to the students who begin their studies in Autumn 2013 or after.**

The wide network of international partner institutions all over the world helps all degree students to find a suitable university for the exchange semester.

Taking courses from degree programmes conducted in Finnish

A BIT student can include a maximum of 15 credits from courses taught in degree programmes conducted in Finnish in her / his curriculum.