

# Business Information Technology, Pasila campus

<b>Name of qualification:</b>	Bachelor of Business Administration (BBA) and the Finnish title of tradenomi
<b>Level of qualification:</b>	Bachelor's degree
<b>ECTS credits:</b>	210 ECTS credits
<b>Official length of programme:</b>	3.5 years
<b>Mode of study</b>	Full-time day programme <ul style="list-style-type: none"><li>• See <a href="#">degree regulations</a></li><li>• See <a href="#">assessment process</a></li></ul>
<b>Assessment:</b>	
<b>Programme requirements:</b>	Two academic years intensive studies, Work placement, Bachelor's Thesis, Maturity test
<b>General arrangements for the accreditation of prior learning:</b>	See Haaga-Helia's <a href="#">general arrangements of the accreditation of prior learning</a>  Act of Polytechnics 9.5.2003/351 20§
<b>Admission requirements:</b>	<ul style="list-style-type: none"><li>• Before applying see the admission criteria at <a href="http://www.studyinfo.fi">www.studyinfo.fi</a> !</li><li>• <a href="#">Non-Degree studies in Haaga-Helia</a></li><li>• <a href="#">Master's Degree: Degree Programme in Information Systems Management, Helsinki Pasila</a></li><li>• University studies</li></ul>
<b>Access to further study:</b>	
<b>Internationalization:</b>	<p>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.</p> <p>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.</p>
<b>Employment opportunities after graduation:</b>	
<b>Cooperation with working life and other associates:</b>	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 Enterprise 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)

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

Finnish Speakers

IT Swedish [SWE4TF044](#) 3

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

Business Process Design and Modelling [BUS1TF002](#) 5

Managing User Workstation [DAT1TF011](#) 5

English 2 [ENG1TF001](#) 2

Developing an e-Business Application ITP1TF013 12

Non-Finnish Speakers

Finnish 5 [FIN4TF005](#) 3

Finnish 6 [FIN4TF006](#) 3

Free-choice professional studies

Spoken Finnish [FIN8TF100](#) 3

Finnish Speakers

Finnish and Communication 2 [COM4TF030](#) 3

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

Building a Server Environment [DAT1TF012](#) 3

Business IT Report [INS2TF010](#) 5

Business Mathematics [MAT1TF002](#) 4

Information System Development Project [SYS1TF080](#) 12

Elective Professional Studies

Business IT Consultant

ERP Application and Business Process Development [SYS4TF070](#) 6

Web Application Developer

Advanced Web Technologies [ITP4TF014](#) 6

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

Work Placement [PLA6TF001](#) 30

-----**6th - 7th Semester**-----

Elective Professional Studies

Business IT Consultant

Supply Chain Management Processes	<a href="#">BUS4TF004</a>	6
Financial and Management Accounting Processes	<a href="#">BUS4TF005</a>	6
Introduction to IT Strategic Thinking	<a href="#">BUS4TF007</a>	6
Corporate and IT Security	<a href="#">SYST8F010</a>	5
Web Application Developer		
Corporate and IT Security	<a href="#">SYS8TF010</a>	5
Database Developer	<a href="#">ITP4TF150</a>	6
Software QA and Testing	<a href="#">ITP4TF499</a>	5
Mobile Development	<a href="#">ITP8TF155</a>	6
Free-choice Professional Studies (example)*		
Big Data	<a href="#">BUS8TF100</a>	5
Business Intelligence	<a href="#">BUS8TF017</a>	6
Customer Relationship Management Processes	<a href="#">BUS8TF008</a>	4
Excel in Business	<a href="#">TOO8TF006</a>	3
Java Programming	<a href="#">ITP8TF301</a>	4
Linux Basics	<a href="#">DAT8TF063</a>	3
Project and Programme Management	<a href="#">BUS8TF006</a>	6
Requirements Analysis	<a href="#">BUS8TF300</a>	6
Sales and Service Development	<a href="#">BUS8TF158</a>	3
SAP ERP Basics	<a href="#">SYS8TF100</a>	7
SAP ERP Advanced	<a href="#">SYS8TF200</a>	5
Selling Professional IT Services and Solutions	<a href="#">BUS8TF159</a>	3
Usability	<a href="#">SYS8TF250</a>	5
Web Security	<a href="#">SYS8TF011</a>	5
Thesis		15
Thesis Seminar and Workshop	<a href="#">THE7TF900</a>	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
<b>----- 1st Semester -----</b>		
Orientation to Studying in HAAGA-HELIA 1	<a href="#">INS1TF100</a>	1
Office Tools	<a href="#">INS1TF103</a>	5
Introduction to Business	<a href="#">BUS1TF102</a>	6
Intercultural Awareness	<a href="#">CUL1TF001</a>	3
Introduction to Web Site Development	<a href="#">ITP1TF101</a>	6
Basics of Computers	<a href="#">DAT1TF010</a>	4
English Level Test	<a href="#">ENG1TF100</a>	0
English Level Course	<a href="#">ENG8TF003</a>	3
Non-Finnish Speakers		
Introduction to the Finnish Language 1	<a href="#">FIN4TF001</a>	3
Introduction to the Finnish Language 2	<a href="#">FIN4TF002</a>	3
Finnish Speakers		
Finnish and Communication 1	<a href="#">COM4TF001</a>	3
Swedish Level Test	<a href="#">SWE1TD061</a>	0
Swedish Level Course	<a href="#">SWE8TN062</a>	3
<b>----- 2nd Semester -----</b>		
Orientation to Studying in HAAGA-HELIA 2	<a href="#">INS1TF200</a>	1
Introduction to Programming	<a href="#">ITP1TF111</a>	8
Introduction to User Centered Design	<a href="#">SYS1TF255</a>	6
English 1	<a href="#">ENG1TF058</a>	3
Business Information Systems	<a href="#">SYS1TF110</a>	6
Non-Finnish Speakers		
Finnish 3	<a href="#">FIN4TF003</a>	3



Finnish 4	<a href="#">FIN4TF004</a>	3
Finnish Speakers		
Finnish and Communication 2	<a href="#">COM4TF030</a>	3
IT Swedish	<a href="#">SWE4TF044</a>	3
----- <b>3rd Semester</b> -----		
Business Process Management	<a href="#">BUS1TF103</a>	5
Managing User Workstation	<a href="#">DAT1TF011</a>	5
English 2	<a href="#">ENG1TF102</a>	3
Developing a Web Application	ITP1TF012	12
Non-Finnish Speakers		
Finnish 5	<a href="#">FIN4TF005</a>	3
Finnish 6	<a href="#">FIN4TF006</a>	3
Finnish Speakers		
Finnish Business Communication	<a href="#">COM4TF033</a>	3
----- <b>4th Semester</b> -----		
Building a Server Environment	<a href="#">DAT1TF012</a>	3
Research Seminar	<a href="#">INS2TF110</a>	6
Business Mathematics	<a href="#">MAT1TF002</a>	4
Project Management	<a href="#">BUS1TF106</a>	6
Elective Professional Studies		
Business IT Consultant		
Customer Relationship Management	<a href="#">BUS8TF008</a>	6
Enterprise Resource Planning (ERP) 1	<a href="#">SYS4TF170</a>	6
Web Application Developer		
Web Application Project	ITP4TF113	12
Free-choice Professional Studies		
Spoken Finnish	<a href="#">FIN8TF100</a>	3
----- <b>5th Semester</b> -----		
Work Placement	<a href="#">PLA6TF001</a>	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	<a href="#"><u>ITP8TF301</u></a>	4
SAP ERP 2	<a href="#"><u>BIG4TF021</u></a>	5

\*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 Developer	30
Business IT Consultant	30
Free Choice Professional Studies	4
Free Choise Studies	15
Work Placement	30
Thesis	15
Total	210

## Business Information Technology

<b>Finnish Students</b>	<b>Credit points</b>
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 Developer	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

<b>Finnish Students</b>		<b>Credit points</b>
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.