

# Degree Programme in Business Information Technology, Pasila campus (applicable for students who have started their studies after 1 August 2015)

<b>Degree title:</b>	Bachelor of Business Administration (BBA) and the Finnish title of tradenomi
<b>Degree level:</b>	Bachelor's degree
<b>Scope of the programme:</b>	210 ECTS credits
<b>Programme duration:</b>	3.5 years
<b>Mode of study:</b>	Day-time

- Assessment:**
- Read the [degree regulations](#)
  - Find out more about the [assessment process](#)

**Degree requirements:** Completion of the courses specified in the curriculum, compulsory work placement, a thesis and maturity test.

**Accreditation of prior learning:** Government Decree on Polytechnics 352/2003.  
Read more about [the principles of accreditation of prior learning](#) at Haaga-Helia

Polytechnics Act 351/2003, section 20

**Eligibility and applications:** Before applying see the admission criteria at [www.studyinfo.fi](http://www.studyinfo.fi)

- Postgraduate studies:**
- [Master's Degree Programme in Information Systems Management \(Finnish\), Pasila](#)
  - [Master's Degree Programme in Information Systems Management \(English\), Pasila](#)
  - University studies

The role of ICT in business is increasing, and it is a strategic focus area of organisations across all industries. In addition to providing infrastructures and tools that facilitate traditional business operations, ICT is becoming an integral part of products, services and sales.

**Career prospects:** Digitisation of operations and diversifying uses of ICT offer excellent career opportunities for ICT business graduates in both ICT companies as well as a range of organisations that utilise the technologies. Graduates in this industry typically have a good employment rate. Another option is self-employment with the help of the StartUp School services. Find out more at [www.startupschool.fi](http://www.startupschool.fi).

The competencies gained during the programme and the resulting higher education degree ensure continuous career development, since the degree offers a good range of postgraduate options through specialisation and Master's degree programmes.

**Internationalisation:**

English-language courses are also open to students from partner universities, which supports students' internationalisation. For Business Information Technology students there are various student exchange opportunities available in our international partner universities. We also offer a double degree option for our students in co-operation with Western Switzerland University of Applied Sciences.

**Cooperation with industry and other operators:**

Each year, the students and lecturers of Haaga-Helia have a number of joint projects and seminars with businesses, NGOs and industry representatives. We also invite various ICT professionals to give lectures and training sessions to our students and staff members. Read more about business cooperation opportunities at [www.softala.fi](http://www.softala.fi).

In addition, Haaga-Helia works in close cooperation with NGOs such as TTLry, Systemityöyhdistys, Hetky, SFS, FISMA.

# Structure, Content and Extent of the Degree Programme

The Degree Programme in Business Information Technology has a new curriculum as of autumn 2015. The information provided below applies to students starting in or after autumn 2015.

## **Degree Programme in Business Information Technology / DIGI-OPS**

<b>Compulsory Basic/Sector-Specific Studies</b>	<b>Credits</b>
<b>Basic Studies</b>	
Study and Working Skills	5
International Communication	15
Sales and Service	10
Project Work and Methods	15
ICT, Business and Entrepreneurship	15
Software Industry Specific Studies (professional studies)	30
<b>Optional Profile-Specific Studies</b>	<b>60</b>
Software Development	
Digital Services	
ICT Infrastructures	
Business and ICT	
<b>Elective Studies</b>	<b>15</b>
<b>Work placement</b>	<b>30</b>
<b>Thesis</b>	<b>15</b>
<b>Total</b>	<b>210</b>

# Study Profiles

## Digital Services

- Digital service professionals operate in the middle ground between business operations and software development.
- They have the ability to understand the needs of both the business organisation and the end users.
- A holistic understanding of the customer's value creation process is one of the key skills.
- In addition, they have the ability to formulate and communicate requirements in a way that facilitates communication between software developers and business professionals.
- Their task is to ensure that the digital solution developed is the most suitable and cost-effective solution available and that it responds to a real need.



## Software Development

- Software development experts can specify, design and implement applications according to customer requirements, including traditional business software, online services based on an application, packaged retail software products sold online and offline, multimedia products and games, to name a few.
- They have the ability to identify the most suitable software development methods and tools for each project.
- They also understand the role of testing, quality assurance and project management in a successful software project.



## ICT Infrastructures

- ICT infrastructure and security professionals work in various organisations that use IT systems and network services.
- They are involved in the development, deployment and maintenance of business IT solutions.
- They are also able to lead expert projects and teams.
- They utilise and produce IT services that serve the business environment and are responsible for system solutions and for the reliable, cost-effective and secure operation of the associated networks.



## Business and ICT

- Business ICT experts develop enterprises' business processes and service processes by utilising information technologies.
- They source IT solutions for business use; evaluate the suitability, usability and security of solutions; and participate in their integration and deployment in the organisation.
- Business ICT experts often act as change agents in the introduction of new software and ICT services.
- They have knowledge of different information management models and frameworks of reference.



# Recommended Study Schedule

<b>Degree Programme in Business Information Technology</b>	<b>Code</b>	<b>cr.</b>
<b>1st semester</b>		
Study and Working Skills 1	COM1TF010A	3
Office Tools in Sales and Services	SAL1TF001	5
Introduction to Communications (Finnish and Swedish)	COM1TF011	5
Orientation to Digital Services	DIG1TF001	5
Orientation to Software Engineering	SWD1TF001	5
Orientation to Business and ICT	BIG1TF001	5
Orientation to ICT Infrastructures	ICT1TF010	5
<b>2nd semester</b>		
Innovation ja Project Work	PRO1TF001	10
Business Operations	BUS1TF011	5
ICT and Business English	ENG1TF003	5
Optional profile-specific studies		10
<b>3rd semester</b>		
Study and Working Skills 2	COM1TF010B	2
Business Mathematics	BUS1TF010	5
Communication and Interaction Skills for Multicultural Environments	COM1TF012	5
Optional profile-specific studies		15
Elective studies		5
<b>4th semester</b>		
ICT Contracts	BUS1TF012	5
Optional profile-specific studies		15
Elective studies		10
<b>5th semester</b>		
Customers as Assets - From the Customer Experience to Customer Relationship Management	SAL1TF002	5
Optional profile-specific studies (an interdisciplinary project)		15
Elective studies		10
<b>6th semester</b>		
Work placement		30
<b>7th semester</b>		
Project Management		5
Research Methods		5
Thesis		15
<b>TOTAL</b>		<b>210</b>

# Course List (Curriculum 2015)

## Degree Programme in Business Information Technology

<b>Compulsory Basic/Sector-Specific Studies</b>	<b>Code</b>	<b>cr.</b>
<b>Basic Studies</b>		<b>60</b>
<b>International Communications</b>		
Study and Working Skills	<a href="#">COM1TF010</a>	5
Introduction to Communications (Finnish and Swedish)	<a href="#">COM1TF011</a>	5
Beginners' Finnish 1	<a href="#">FIN4TF010</a>	5
Beginners' Finnish 2	<a href="#">FIN4TF011</a>	5
ICT and Business English	<a href="#">ENG1TF003</a>	5
Communication and Interaction Skills for Multicultural Work Environments	COM1TF012	5
<b>Service and Sales</b>		
Office Tools in Sales and Services	<a href="#">SAL1TF001</a>	5
Customers as Assets - From the Customer Experience to Customer Relationship Management	SAL1TF002	5
<b>Project Work and Methods</b>		
Innovation and Project Work	<a href="#">PRO1TF001</a>	10
Project Management	PRO1TF003	5
<b>ICT, Business and Entrepreneurship</b>		
Business Mathematics	BUS1TF010	5
Business Operations	<a href="#">BUS1TF011</a>	5
ICT Contracts	BUS1TF012	5
Current Topics in ICT		10
<b>Optional Profile-Specific Studies (preliminary syllabus)</b>		<b>90</b>
<b>Software Development</b>		
Orientation to Software Engineering	<a href="#">SWD1TF001</a>	5
Programming (Java)	<a href="#">SWD1TF002</a>	5
Data Management and Databases	<a href="#">SWD4TF003</a>	5
Server Programming and Object-Oriented Paradigm (Java)		5
Mobile Programming in a Web Environment		5
Digital Project		5
Software Development Technologies		5
Software Project		10
Interdisciplinary Project		15
Research Methods		5
<b>Digital Services</b>		
Orientation to Digital Services	<a href="#">DIG1TF001</a>	5
User Experience	<a href="#">DIG4TF002</a>	5

Prototyping of Digital Services	<a href="#">DIG4TF003</a>	5
Digital Services as Business Support Tools		5
Implementation Techniques for Digital Service Products		5
Digital Service Production		5
Productisation		5
Service Design		10
Interdisciplinary Project		15
Research Methods		5
<b>ICT Infrastructures</b>		
Orientation to ICT Infrastructure	<a href="#">ICT1TF010</a>	5
Windows Servers	<a href="#">ICT1TF011</a>	5
Introduction to Data Networks	<a href="#">ICT1TF012</a>	5
Basics of Data Security		5
Linux Servers		5
Server Management		5
Security Management		5
Operation of Data Networks		5
Cloud Service Technologies		5
Interdisciplinary Project		15
Research Methods		5
<b>Business and ICT</b>		
Orientation to Business and ICT	<a href="#">BIG1TF001</a>	5
Enterprise Resource Planning	<a href="#">BIG1TF002</a>	5
Business Process Management	<a href="#">BIG1TF003</a>	5
CRM in Business		5
SCM in Business		5
BI in Business Development		5
ICT Services and Contracts		5
ICT Architectures		5
Interdisciplinary Project		15
Research Methods		5
<b>Elective Studies</b>		<b>15</b>
<b>Requirement Specification and Requirement-Based Testing</b>		5
<b>Work placement</b>		
Work placement		<b>30</b>
<b>Thesis</b>		
Thesis Workshop		
Thesis Seminar		
Thesis		<b>15</b>
<b>Total</b>		<b>210</b>



# Contact Information

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