

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

Degree title:	Bachelor of Business Administration (BBA) and the Finnish title of tradenomi
Degree level:	Bachelor's degree
Scope of the programme:	210 ECTS credits
Programme duration:	3.5 years
Mode of study:	Day-time
Assessment:	<ul style="list-style-type: none">• 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:	The Government Decree on Universities of Applied Sciences 1129/2014. Read more about the principles of accreditation of prior learning at Haaga-Helia
Eligibility and applications:	Universities of Applied Sciences Act 932/2014, Section 25
Postgraduate studies:	Before applying see the admission criteria at www.studyinfo.fi <ul style="list-style-type: none">• Master's Degree Programme in Information Systems Management (English), Pasila• Master's Degree Programme in Information Systems Management (Finnish), Pasila• University studies
Career prospects:	<p>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.</p> <p>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.</p>

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.

In addition, Haaga-Helia works in close cooperation with NGOs such as TTL ry, 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

Compulsory Basic/Sector-Specific Studies	Credits
Basic Studies (90 credits)	
Study and Working Skills	5
International Communication	15
Finnish language	15
Sales and Service	10
Project Work and Methods	15
ICT, Business and Entrepreneurship	15
Software Industry Specific Studies (professional studies)	30
Optional Profile-Specific Studies	60
Software Development	
Digital Services	
ICT Infrastructures	
Business and ICT	
Free-choice studies	15
Work placement	30
Thesis	15
Total	210

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 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 mention 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

Degree Programme in Business Information Technology	Code	cr.
1st semester		
Study and Working Skills 1	COM1TF010A	3
Office Tools in Sales and Services	SAL1TF001	5
For Finnish speakers:		
	COM1TF011	5
Introduction to Communications (Finnish and Swedish)		
Beginners' Finnish	FIN4TF010	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
2nd semester		
Innovation and Project Work	PRO1TF001	10
Business Operations	BUS1TF011	5
ICT and Business English	ENG1TF010	5
Beginners' Finnish 2	FIN4TF011	5
Optional Profile-Specific Studies		10
3rd semester		
Study and Working Skills 2	COM1TF010B	2
Business Mathematics	MAT1TF010	5
Communication in Multicultural Environments	COM1TF012	5
Finnish 3	FIN4TF012	5
Optional Profile-Specific Studies		20
4th semester		
Project Management	BUS1TF107	5
Optional Profile-Specific Studies		20
Free-choice studies		5
5th semester		
Selling ICT Solutions	SAL1TF002	5
Optional Profile-Specific Studies (including an interdisciplinary project)		20
Free-choice studies		10
6th semester		
Work placement		30
7th semester		
Research Methods		5
Free-choice studies		5
Thesis		15

TOTAL

210

Course List (DIGIE curriculum)

Degree Programme in Business Information Technology

Compulsory Studies	Code	90 cr.
Common Core Studies		
International Communications		
Study and Working Skills For native Finnish speakers:	COM1TF010	5
Introduction to Communications (Finnish)	COM1TF011C	5
Introduction to Communications (Swedish) For non-native Finnish speakers	COM1TF011A&B	5
Beginners' Finnish	FIN4TF010	5
Beginners' Finnish 2	FIN4TF011	5
Finnish 3	FIN4TF012	5
ICT and Business English	ENG1TF010	5
Communication in Multicultural Environments	COM1TF012	5
Sales and Service		
Office Tools in Sales and Services	SAL1TF001	5
Selling ICT Solutions	SAL1TF002	5
Project Work and Methods		
Innovation and Project Work	PRO1TF001	10
Project Management	BUS1TF107	5
ICT, Business and Entrepreneurship		
Business Mathematics	MAT1TF010	5
Business Operations	BUS1TF011	5
Common Professional Studies		
Orientation to Software Engineering	SWD1TF001	5
Orientation to Digital Services	DIG1TF001	5
Orientation to ICT infrastructures	ICT1TF010	5
Orientation to Business and ICT	BIG1TF001	5
Research Methods		5
Optional Profile-Specific Studies		
Software Development		
Programming (Java)	SWD4TF002	5
Data Management and Databases	SWD4TF003	5

Server Programming	SWD4TF021	5	
Front End Development	SWD4TF022	5	
Mobile Programming	SWD4TF020		5
Software Development Technologies	SWD4TF023		5
Software Project	SWD4TF024		10
Multidisciplinary Software Project	PRO4TF024		15
Database Developer	SWD8TF040	5	
Digital Services			
User Experience	DIG4TF002		5
Prototyping of Digital Services	DIG4TF003		5
Digital Service Design	DIG4TF021	5	
Digital Service Project	PRO4TF030		5
ICT Infrastructures			
Data Security	ICT4TF022		5
Cloud Service Technologies	ICT4TF024	5	
Server Technologies	ICT4TF021		5
ICT Infrastructure Project	PRO4TF023		10
Business and ICT			
SAP ERP 1	BIG4TF002		5
Business Process Management	BIG4TF003		5
SAP ERP 2	BIG4TF021	5	
Managing CRM Processes	BIG4TF004	5	
Requirements Analysis	BIG8TF005	5	
Business Intelligence	BIG4TF022	5	
Business Intelligence Development Project	BIG4TF023		5
Business IT project	PRO4TF022	10	
Free-choice studies			15
Big Data	BUS8TF100	5	
Digital Economy and E-commerce	DIG8TF801	5	
Financial Accounting, Processes and Systems	BIG8TF008	5	
Arduino Projects	SWD8TF900	5	
Free-choice studies in StartUp School			
Future Working Skills	WOR8HH033	1	
Find Your Strengths	WOR8HH032	5	
StartUp School WarmUp Parade	WOR8HH013	3	
Developing Entrepreneurial Mindset	WOR8HH022	5	
Pitching Camp	WOR8HH023	3	

StartUp School full offering	StartUp School	
Work placement		
Work placement	PLA6TF001	30
Thesis		
Thesis Workshop		
Thesis Seminar		
Thesis		15
Total		210

Contact Information

Haaga-Helia University of Applied Sciences
Degree Programme in Business Information Technology (day-time)

Pasila campus
Ratapihantie 13
00520 Helsinki

Tel. +358 (0)9 229 611

Academic advisor

Riitta Blomster, tel. 040 488 7263

Drop-in counseling times in the spring term 2019 are on Wednesdays 13.00-15.00 and Thursdays 10.00-12.00 in room 6031.

Degree Programme Director

Antonius Camara, tel. 040 832 5655

[Student Affairs Office >>](#)

Email addresses are in the following format: firstname.lastname@haaga-helia.fi