

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:	<p>Completion of the courses specified in the curriculum, compulsory work placement, a thesis and maturity test.</p> <p>The Government Decree on Universities of Applied Sciences 1129/2014.</p>
Accreditation of prior learning:	Read more about the principles of accreditation of prior learning at Haaga-Helia
Eligibility and applications:	<p>Universities of Applied Sciences Act 932/2014, Section 25</p> <p>Before applying see the admission criteria at www.studyinfo.fi</p>
Postgraduate studies:	<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:	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>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> <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.</p>
<p>Internationalisation:</p>	<p>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.</p>
<p>Cooperation with industry and other operators:</p>	<p>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.</p> <p>In addition, Haaga-Helia works in close cooperation with NGOs such as TTL ry, Systeemityöyhdistys, Hetky, SFS, FISMA.</p>

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	

DIGI19-E Business Information Technology

Bachelor of Business Administration, 210 ECTS

Spring 2020

COMPULSORY STUDIES (Select 85-95 ECTS)	ECTS	1	2	3	4
Communication Studies (Select 20-30 ECTS)					
ENG1TF100 English Level Test	0				
ENG1TF010 ICT and Business English	5	-			
COM1TF012 Communication in Multicultural Environments	5		-		
THE7TF910 Research Process	5				-
Study and Working Skills (All compulsory)					
COM1TF010A Study and Working Skills 1	3	-			
COM1TF010B Study and Working Skills 2	2		-		
Finnish and Swedish (All compulsory)					
COM1TF011A Finnish and Swedish - Svenska skriftlig del	2	-			
COM1TF011B Finnish and Swedish - Svenska muntlig del	1	-			
COM1TF011C Finnish and Swedish - Finnish	2	-			
Finnish (All compulsory)					
FIN4TF010 Beginners' Finnish	5	-			
FIN4TF011 Beginners' Finnish 2	5	-			
FIN4TF012 Finnish 3	5		-		
Sales and Service Skills (All compulsory)					
SAL1TF001 Office Tools in Sales and Services	5	-			
SAL1TF002 Selling ICT solutions	5				-
Business Skills (All compulsory)					

MAT1TF010 Business Mathematics	5		-		
BUS1TF011 Business Operations	5	-			
Project Skills (All compulsory)					
Innovation and Project Work (All compulsory)					
PRO1TF001A Innovation and Project Work (Innovation)	4	-			
PRO1TF001B Innovation and Project Work B	3	-			
PRO1TF001C Innovation and Project Work C	3	-			
BUS1TF107 Project Management	5		-		
Orientation Studies (All compulsory)					
SWD1TF001 Orientation to Software Engineering	5	-			
BIG1TF001 Orientation to Business and ICT	5	-			
ICT1TF010 Orientation to ICT Infrastructures	5	-			
DIG1TF001 Orientation to Digital Services	5	-			
		63	22	0	10
PROFILE STUDIES (Select 60 ECTS)					
Digital Services (Select 0-44 ECTS)					
DIG4TF002 User Experience	5	-			
DIG4TF003 Prototyping of Digital Services	5	-			
DIG4TF021 Digital Service design	5		-		
DIG8TF801 Digital Economy and E-commerce	5				
PRO4TF030 Digital Service Project	10			-	
MUM8TA001 Basic 3D Design with Blender	3				
MUM8TA003 3D Printing	3				
MUM8TA002 3D Extended Course	3				
Software Engineering (Select 0-65 ECTS)					

SWD4TF032 Programming 1	5	-			
SWD4TF033 Programming 2	5	-			
SWD4TF003 Data Management and Databases	5	-			
SWD4TF020 Mobile Programming	5		-		
SWD4TF021 Server Programming	5		-		
SWD4TF022 Front End Development	5		-		
SWD4TF023 Software Development Technologies	5			-	
SWD4TF024 Software Project	10			-	
SWD8TF040 Database Developer	5			-	
PRO4TF024 Multidisciplinary Software Project	15			-	
ICT Infrastructures (Select 0-25 ECTS)					
PRO4TF023 ICT Infrastructure project	10			-	
ICT4TF021 Server Technologies	5	-			
ICT4TF022 Data Security	5		-		
ICT4TF024 Cloud Service Technologies	5		-		
ICT8TF001 IoT Experimental Project	5				
Business and ICT (Select 0-63 ECTS)					
BIG4TF002 SAP ERP 1	5		-		
BIG4TF003 Business Process Management	5	-			
BIG4TF004 Managing CRM Processes	5			-	
BIG4TF021 SAP ERP 2	5		-		
BIG8TF005 Requirements Analysis	5		-		
BIG8TF008 Financial Accounting, Processes and Systems	5		-		
PRO4TF022 Business IT Project	10			-	
BIG4TF022 Business Intelligence	5		-		
BIG4TF023 Business Intelligence Development Project	5		-		

TOO8TF006 Excel in Business	3				
BIG8TN001 Basics of AI	5				
BUS8TF711 SAP TERP10 Certification exam	3				
BUS8TF712 Project Management Championship	5				
		35	60	70	0
WORK PLACEMENT (Select 30 ECTS)					
PLA6TF001 Work Placement	30			-	
PLA6TF005 Work Placement	15				
PLA6TF002 Work Placement	15				
		0	0	30	0
FREE CHOICE STUDIES (Select 15-25 ECTS)					
BACHELOR'S THESIS (Select 15 ECTS)					
THE7TF900 Thesis Seminar and Workshop	0				
THE7HH801 Thesis Phase 1	5				-
THE7HH802 Thesis Phase 2	5				-
THE7HH803 Thesis Phase 3	5				-
THE7HH804 Maturity Test	0				
		0	0	0	15
ECTS credits per period / semester / academic year		98	82	100	25

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:		
Introduction to Communications (Finnish and Swedish)	COM1TF011	5
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

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.



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 2020 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