

BITE Degree Programme in Business Information Technology
Bachelor of Business Administration, 210 ECTS
Bachelor of Business Administration

Programme

Name and level of education

Bachelor of Business Administration (BBA) and the Finnish title of tradenomi

Admission requirements and applications

Universities of Applied Sciences Act 932/2014, Section 25

Before applying see the admission criteria at [Studyinfo.fi](https://www.studyinfo.fi).

Scope and duration

Scope of the degree is 210 ECTS credits.

The duration of the degree is 3.5 years.

Recognition of learning

[Read more about the principles of recognition of learning at Haaga-Helia.](#)

Mode of study

Day-time studies

Language of tuition

The degree programme is conducted in English.

Requirements and decrees

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

The Government Decree on Universities of Applied Sciences 1129/2014.

Study attainments and assessment

[Find out more about the degree regulations and assessment process of Haaga-Helia.](#)

Profile, targets and structure

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.

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.

Work placement and cooperation with the business community

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 [Softala.fi](https://www.softala.fi).

In addition, Haaga-Helia works in close cooperation with NGOs such as TTL ry, Systeemityöyhdistys, Hetky, SFS, FISMA.

Career opportunities

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.

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 [Haaga-Helia StartUp School](#) services.

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.

Postgraduate studies

[Master's Degree Programme in Business Technologies \(English\), Pasila](#)

[Master's Degree Programme in Business Technologies \(Finnish\), Pasila](#)

University studies

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

[Study Services](#)

Academic Advisor

Enrolled students seeking for academic advice should contact their Personal Study Advisors.

Degree Director

Antonius Camara, tel. 040 832 5655

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

Curricula

DIGI19-E Business Information Technology
Bachelor of Business Administration, 210 ECTS

Spring 2021

Structure

Due to the timing of optional and elective courses, credit accumulation per semester / academic year may vary.

Select visible years, semesters and periods (when only one year is selected) by clicking buttons on the right. (S = Spring, A = Autumn)

Search: <input type="text"/>	ECTS	1	2	3	4
COMPULSORY STUDIES (Select 85-95 ECTS)					
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 A	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				
BUS8TF713 TS410 - Integrated Business Processes in SAP S/4HANA	5				
BUS8TF714 SAP TS410 Certification Exam	3				
		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

Curricula

DIGI19-E Business Information Technology
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Autumn 2020

Structure

Due to the timing of optional and elective courses, credit accumulation per semester / academic year may vary.

Select visible years, semesters and periods (when only one year is selected) by clicking buttons on the right. (S = Spring, A = Autumn)

Search: <input type="text"/>	ECTS	1	2	3	4
COMPULSORY STUDIES (Select 85-95 ECTS)					
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 A	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				
BUS8TF713 TS410 - Integrated Business Processes in SAP S/4HANA	5				
BUS8TF714 SAP TS410 Certification Exam	3				
		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	0
ECTS credits per period / semester / academic year		98	82	100	10

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Search: <input type="text"/>	ECTS	1	2	3	4
COMPULSORY STUDIES (Select 85-95 ECTS)					
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 A	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				
BUS8TF713 TS410 - Integrated Business Processes in SAP S/4HANA	5				
BUS8TF714 SAP TS410 Certification Exam	3				
		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

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COMPULSORY STUDIES (Select 85-95 ECTS)					
Communication Studies (Select 20-30 ECTS)					
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 A	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		●		
PRO4TF030 Digital Service Project	10			●	
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		●		
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			•	
		35	60	70	0
WORK PLACEMENT (Select 30 ECTS)					
PLA6TF001 Work Placement	30			•	
		0	0	30	0
FREE CHOICE STUDIES (Select 15-25 ECTS)					
BACHELOR'S THESIS (Select 15 ECTS)					
		0	0	0	0
ECTS credits per period / semester / academic year		98	82	100	10

Curricula

DIGIE Business Information Technology
Bachelor of Business Administration, 210 ECTS

Spring 2019

Structure

Due to the timing of optional and elective courses, credit accumulation per semester / academic year may vary.

Select visible years, semesters and periods (when only one year is selected) by clicking buttons on the right. (S = Spring, A = Autumn)

Search: <input type="text"/>	ECTS	1	2	3	4
COMPULSORY STUDIES (Select 70-80 ECTS)					
Communication Studies (Select 20-30 ECTS)					
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		•		
ENG1TF010 ICT and Business English	5	•			
COM1TF012 Communication in Multicultural Environments	5		•		
ENG1TF100 English Level Test	0				
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 A	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	5
PROFILE STUDIES (Select 60-70 ECTS)					
Digital Services (Select 5-40 ECTS)					
DIG4TF002 User Experience	5	•			
DIG4TF003 Prototyping of Digital Services	5	•			
DIG4TF021 Digital Service Design	5		•		
DIG8TF201 Human Factor in Design	5		•		
DIG8TF801 Digital Economy and E-commerce	5				
PRO4TF030 Digital Service Project	10			•	
Software Engineering (Select 5-65 ECTS)					
SWD4TF002 Programming	5	•			
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			•	
SWD8TF808 Python programming	3				
SWD8TF831 Cross-platform Development Project	5				
ITP4TF499 Software QA and Testing	5				
ICT Infrastructures (Select 5-35 ECTS)					
PRO4TF023 ICT Infrastructure project	10			•	
ICT4TF021 Server Technologies	5	•			
ICT4TF022 Data Security	5		•		
ICT4TF024 Cloud Service Technologies	5		•		
Business and ICT (Select 5-50 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		•		
BIG8TF100 Introduction to Big Data	3				
PRO4TF022 Business IT Project	10			•	
BUS8TF100 Big Data	5				
BIG4TF022 Business Intelligence	5		•		
BIG4TF023 Business Intelligence Development Project	5		•		
TOO8TF006 Excel in Business	3				
BUS8TF711 SAP TERP10 Certification exam	3				
		30	65	70	0
WORK PLACEMENT (Select 30 ECTS)					
PLA6TF001 Work Placement	30			•	
PLA6TF002 Work Placement	15				
PLA6TF005 Work Placement	15				
PLA6TF010 Work Placement	10				
PLA6TF011 Work Placement	10				
PLA6TF012 Work Placement	10				
		0	0	30	0
FREE CHOICE STUDIES (Select 15 ECTS)					
DIG8TF802 Digital Service Development and Information Management in Health and Welfare Services	5				
DIG8TF803 The Digital Environment in Health and Welfare Services and its Ethics and Regulations	5				
SWD8TF900 Arduino projects	5				
SWD8TF901 Special Software Project 6	5				
BIG8TF903 Degree Programme Representation at an Education Fair	2				
		0	0	0	0
BACHELOR'S THESIS (Select 20 ECTS)					
THE7TF910 Research Process	5				•
THE7TF900 Thesis Seminar and Workshop	0				
THE7TF001 Thesis	15				•
THE7HH801 Thesis Phase 1	5				•
THE7HH802 Thesis Phase 2	5				•
THE7HH803 Thesis Phase 3	5				•
THE7HH804 Maturity Test	0				
		0	0	0	35
ECTS credits per period / semester / academic year		93	87	100	40

Curricula

DIGIE Business Information Technology
Bachelor of Business Administration, 210 ECTS

Autumn 2018

Structure

Due to the timing of optional and elective courses, credit accumulation per semester / academic year may vary.

Select visible years, semesters and periods (when only one year is selected) by clicking buttons on the right. (S = Spring, A = Autumn)

Search: <input type="text"/>	ECTS	1	2	3	4
COMPULSORY STUDIES (Select 70-80 ECTS)					
Communication Studies (Select 20-30 ECTS)					
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		•		
ENG1TF010 ICT and Business English	5	•			
COM1TF012 Communication in Multicultural Environments	5		•		
ENG1TF100 English Level Test	0				
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 A	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	5
PROFILE STUDIES (Select 60-70 ECTS)					
Digital Services (Select 5-40 ECTS)					
DIG4TF002 User Experience	5	•			
DIG4TF003 Prototyping of Digital Services	5	•			
DIG4TF021 Digital Service Design	5		•		
DIG8TF201 Human Factor in Design	5		•		
DIG8TF801 Digital Economy and E-commerce	5				
PRO4TF030 Digital Service Project	10			•	
Software Engineering (Select 5-65 ECTS)					
SWD4TF002 Programming	5	•			
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			•	
SWD8TF808 Python programming	3				
SWD8TF831 Cross-platform Development Project	5				
ITP4TF499 Software QA and Testing	5				
ICT Infrastructures (Select 5-35 ECTS)					
PRO4TF023 ICT Infrastructure project	10			•	
ICT4TF021 Server Technologies	5	•			
ICT4TF022 Data Security	5		•		
ICT4TF024 Cloud Service Technologies	5		•		
Business and ICT (Select 5-50 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		•		
BIG8TF100 Introduction to Big Data	3				
PRO4TF022 Business IT Project	10			•	
BUS8TF100 Big Data	5			•	
BIG4TF022 Business Intelligence	5		•		
BIG4TF023 Business Intelligence Development Project	5		•		
TOO8TF006 Excel in Business	3				
BUS8TF711 SAP TERP10 Certification exam	3				
		30	65	75	0
WORK PLACEMENT (Select 30 ECTS)					
PLA6TF001 Work Placement	30			•	
PLA6TF002 Work Placement	15				
PLA6TF005 Work Placement	15				
PLA6TF010 Work Placement	10				
PLA6TF011 Work Placement	10				
PLA6TF012 Work Placement	10				
		0	0	30	0
FREE CHOICE STUDIES (Select 15 ECTS)					
DIG8TF802 Digital Service Development and Information Management in Health and Welfare Services	5				
DIG8TF803 The Digital Environment in Health and Welfare Services and its Ethics and Regulations	5				
SWD8TF900 Arduino projects	5				
SWD8TF901 Special Software Project 6	5				
BIG8TF903 Degree Programme Representation at an Education Fair	2				
		0	0	0	0
BACHELOR'S THESIS (Select 20 ECTS)					
THE7TF910 Research Process	5				•
THE7TF900 Thesis Seminar and Workshop	0				
THE7TF001 Thesis	15				•
THE7HH801 Thesis Phase 1	5				
THE7HH802 Thesis Phase 2	5				
THE7HH803 Thesis Phase 3	5				
THE7HH804 Maturity Test	0				
		0	0	0	20
ECTS credits per period / semester / academic year		93	87	105	25