

Curriculum at Lahti University of Applied Sciences
2017-2018

Bachelor's Degree Programme in Business Information Technology 17

Code	Name	1 y	2 y	3 y	4 y	ECTS total
LIIT17-1000 CORE COMPETENCE						135
LIIT17-1001 Common Core Competence						25
LA00BE73	English for Work	3				3
LA00BE74	Swedish language, Oral Communication	1				1
LA00BE75	Swedish language, Written Communication	2				2
LA00BE76	Professional communication	4				4
LA00BE77	Developing professional competence 1	2				2
LA00BQ87	Developing professional competence 2		2			2
LA00BQ88	Developing professional competence 3			1		1
LA00BE78	Research and Development			5		5
LA00BE79	Anticipating Future Trends			5		5
LIIT17-1002 Professional core competence						110
LIIT17-1007 Website visibility						15
LI00BF76	User interface design and web technologies	5				5
LI00BF77	Web publishing and analytics	5				5
LI00BF78	Secure website project	5				5
LIIT17-1008 Business models and processes						20
LI00BF72	Supply network	5				5
LI00BF73	Accounting	5				5
LI00BF74	Managerial work	5				5
LI00BF75	Customer relations and marketing	5				5
LIIT17-1011 Web Applications						15
LI00BJ48	Orientation to programming	5				5
LI00BJ49	User-centered prototype development and application publishing	5				5
LI00BJ50	Agile web project	5				5
LIIT17-1010 Transforming ideas into business						15
LI00BF66	Fundamentals of business law and economics		5			5
LI00BF67	Profitable enterprise		5			5
LI00BF68	Successful business		5			5
LIIT17-1003 Practical Training						30

LA00BO03	Practical Training			10		10
LA00BO04	Practical Training 2				10	10
LA00BO05	Practical Training 3				10	10
LIIT17-1004 Thesis						15
LA00BN99	Thesis planning			5		5
LA00BO00	Thesis research and writing				5	5
LA00BO01	Thesis publication				5	5
LIIT17-1005 COMPLEMENTARY COMPETENCE						75

LIIT17-1000 CORE COMPETENCE: 135 ECTS

LIIT17-1001 Common Core Competence: 25 ECTS

LA00BE73 English for Work: 3 ECTS

Learning outcomes

The student is able to

- recognise the different sources and tools to help them improve their English skills
- gain confidence and manage in written and oral communication situations required in professional studies and in the work life
- describe their education and qualifications
- understand the terminology and concepts of their own field

LA00BE74 Swedish language, Oral Communication: 1 ECTS

Learning outcomes

The student is able to

- express and justify their opinions
- use the key terminology of their own field
- tell about their education, work experience and duties e.g. in job-seeking situations
- present a company of their own trade

LA00BE75 Swedish language, Written Communication: 2 ECTS

Learning outcomes

The student is able to

- use the key terminology of their own field
- tell about their education, work experience and duties e.g. in job-seeking situations
- write a job application
- obtain information related to their own field of studies in Swedish e.g. on the Internet
- use online dictionaries

LA00BE76 Professional communication: 4 ECTS

Learning outcomes

The student is able to

- plan and produce grammatically correct texts
- write an article or an essay that fulfils the criteria of a scientific text related to their own field of studies
- perform actively in professional group communication situations
- retrieve information from a variety of sources and evaluate it critically

LA00BE77 Developing professional competence 1: 2 ECTS**Learning outcomes**

The student is able to

- plan their own learning and cooperate in situations related to their own field of studies
- recognize their own competence and the needs to develop them further and to plan their career path observing them
- act as a group member
- operate in the learning environments of Lahti UAS
- picture their own field of studies and its future skills
- give feedback on tuition and services and thus participate in the development of education

LA00BQ87 Developing professional competence 2: 2 ECTS**Learning outcomes**

The student is able to

- utilize various learning opportunities in curriculum
- recognize and aim their own competences to be in level with the future career requirements
- create a study plan that supports the future career goal
- give feedback on tuition and services and thus participate in the development of education

LA00BQ88 Developing professional competence 3: 1 ECTS**Learning outcomes**

The student is able to

- identify themselves as a learner and develop their own learning skills
- evaluate innovative or alternative future competences required in their own field
- recognize and aim their own competences to be in level with the future career requirements
- masters the professional concepts of their own field and is able to point out their competencies during job recruitment processes
- give feedback on tuition and services and thus participate in the development of education

LA00BE78 Research and Development: 5 ECTS**Learning outcomes**

The student is able to

- obtain, utilise and assess R&D-related information and their sources critically
- follow the rules of ethical principles applied in all research activities
- use the most typical research and development methods of their own field
- write a scientific report and is familiar with the requirements for language and style and how to

document the sources

LA00BE79 Anticipating Future Trends: 5 ECTS

Learning outcomes

The student is able to

- anticipate the changes in their own operational environment
- utilise the futures research materials produced by national and international societies in their own field of studies
- use the terminology and methods of futures research in the research and development of their own field

LIIT17-1002 Professional core competence: 110 ECTS

LIIT17-1007 Website visibility: 15 ECTS

LI00BF76 User interface design and web technologies: 5 ECTS

Learning outcomes

The student is able to

- describe the operational principles of the internet
- design a user interface according to the principles of usability and ease of use
- create a website by using HTML and CSS style definitions

LI00BF77 Web publishing and analytics: 5 ECTS

Learning outcomes

The student is able to

- choose and install a content management system suitable for a particular purpose
- create a website by using different content management systems and by applying themes and modules
- use website analytics tools

LI00BF78 Secure website project: 5 ECTS

Learning outcomes

The student is able to

- divide project objectives into tasks, schedule project work and follow the progress of a project
- plan and implement a solution to a problem as a member of a project team according to the waterfall model
- recognise risks in data security and data protection, and explain their significance
- describe data security methods

LIIT17-1008 Business models and processes: 20 ECTS

LI00BF72 Supply network: 5 ECTS

Learning outcomes

The student is able to

- describe the supply network entity and understand its role in a company's profitability
- use the methods applied in the development and monitoring of a supply network

LI00BF73 Accounting: 5 ECTS

Learning outcomes

The student is able to

- take care of the accounting of a small company and draw up the financial statements
- understand the principles of VAT
- recognise how product costs are formed and apply this knowledge in the analysis of company profitability

LI00BF74 Managerial work: 5 ECTS

Learning outcomes

The student is able to

- recognise the key prospects of HRM and labour legislation
- find solutions for successful team operation
- communicate effectively in a workplace community

LI00BF75 Customer relations and marketing: 5 ECTS

Learning outcomes

The student is able to

- determine the key concepts of marketing and customer-oriented business
- identify the phases of a marketing and sales process
- recognise customer needs and understand their significance for the success of a company

LIIT17-1011 Web Applications: 15 ECTS

LI00BJ48 Orientation to programming: 5 ECTS

Learning outcomes

The student is able to

- use an application development environment
- apply basic programming structures
- create a modular interactive application

LI00BJ49 User-centered prototype development and application publishing: 5 ECTS

Learning outcomes

The student is able to

- visually introduce a software idea by using a prototyping tool and test the idea with users
- evaluate the significance of the most limited possible implementation
- choose an installation environment and install software according to its intended use
- choose a distribution channel suitable for a particular technology and implement distribution

LI00BJ50 Agile web project: 5 ECTS

Learning outcomes

The student is able to

- create and utilise user stories
- use various agile methods as a member of a team
- develop a web application based on client requirements through an iterative process

LIIT17-1010 Transforming ideas into business: 15 ECTS

LI00BF66 Fundamentals of business law and economics: 5 ECTS

Learning outcomes

The student is able to

- recognise the key juridical risks and opportunities when planning business operations
- describe the causes and effects for internal and external problems in economics
- describe the reasons and consequences of economic fluctuations and the central channels of influence in economic policy

LI00BF67 Profitable enterprise: 5 ECTS

Learning outcomes

The student is able to

- use business mathematics methods applied in business activities
- draw up profitability calculations and budgets for business operations
- explain the value of entrepreneurship

LI00BF68 Successful business: 5 ECTS

Learning outcomes

The student is able to

- assess competition and market conditions
- recognise business opportunities
- plan and demonstrate distinctive business activities
- acknowledge customer- and user-friendly approaches when planning business operations

LIIT17-1003 Practical Training: 30 ECTS

LA00BO03 Practical Training: 10 ECTS

Learning outcomes

The student is able to

- describe work-related phenomena and use related concepts
- act in a productive way, following the practices of the workplace and the ethical principles of the profession
- use the techniques, work methods, models and processes that they have learnt
- act in a customer-oriented way in interactive situations in the workplace and in the cooperation network
- evaluate and develop their own competence into the work done in practical training

LA00BO04 Practical Training 2: 10 ECTS

Learning outcomes

The student is able to

- describe work-related phenomena and use related concepts
- act in a productive way, following the practices of the workplace and the ethical principles of the profession
- use the techniques, work methods, models and processes that they have learnt
- act in a customer-oriented way in interactive situations in the workplace and in the cooperation network
- evaluate and develop their own competence into the work done in practical training

LA00BO05 Practical Training 3: 10 ECTS

Learning outcomes

The student is able to

- describe work-related phenomena and use related concepts
- act in a productive way, following the practices of the workplace and the ethical principles of the profession
- use the techniques, work methods, models and processes that they have learnt
- act in a customer-oriented way in interactive situations in the workplace and in the cooperation network
- evaluate and develop their own competence into the work done in practical training

LIIT17-1004 Thesis: 15 ECTS

LA00BN99 Thesis planning: 5 ECTS

Learning outcomes

The student is able to

- apply the acquired theoretical knowledge to the problems and phenomena of the working life
- solve problems, organise and perceive wholes
- work interactively, tenaciously and systematically
- work according to the practices of their own line of trade
- gather information and evaluate sources critically - report their work orally, in writing and visually

LA00BO00 Thesis research and writing: 5 ECTS

Learning outcomes

The student is able to

- apply the acquired theoretical knowledge to the problems and phenomena of the working life
- solve problems, organise and perceive wholes
- work interactively, tenaciously and systematically
- work according to the practices of their own line of trade
- gather information and evaluate sources critically - report their work orally, in writing and visually

LA00BO01 Thesis publication: 5 ECTS**Learning outcomes**

The student is able to

- apply the acquired theoretical knowledge to the problems and phenomena of the working life
- solve problems, organise and perceive wholes
- work interactively, tenaciously and systematically
- work according to the practices of their own line of trade
- gather information and evaluate sources critically - report their work orally, in writing and visually

LIIT17-1005 COMPLEMENTARY COMPETENCE: 75 ECTS**Courses included in the study module**

You can find Complementary competence courses from separate "Complementary competence courses taught in English, Bachelor's Degree, 17S-" Curriculum.

In addition, you can choose Professional Core Competence courses of other Bachelor's Degree Programmes as Complementary competence courses.