

Curriculum at LAB University of Applied Sciences  
2021-2022

**Bachelor of Business Administration, Business Information  
Technology, full-time studies, Lahti**

Code	Name	1 y	2 y	3 y	4 y	ECTS total
<b>BIT21KLTI-1001 CORE COMPETENCE</b>						<b>135</b>
<b>BIT21KLTI-1002 Common Core Competence</b>						<b>25</b>
LA00BE73	English for Work	3				3
LA00BF20	Swedish language, Oral Communication	1				1
LA00BF21	Swedish language, Written Communication	2				2
LA00BF19	Finnish for Foreigners 1	3				3
LA00BF22	Professional communication	4				4
LA00BF23	Developing professional competence 1	2				2
LA00BQ92	Developing professional competence 2	1	1			2
LA00BQ93	Developing professional competence 3		0,5	0,5		1
LA00BF24	Research and development			5		5
LA00BF27	Anticipating future trends			5		5
<b>BIT21KLTI-1003 Professional Core Competence</b>						<b>110</b>
<b>BIT21KLTI-1004 Website visibility</b>						<b>15</b>
LI00BJ41	User interface design and web technologies	5				5
LI00BJ42	Web publishing and analytics	5				5
LI00BJ43	Secure website project	5				5
<b>BIT21KLTI-1005 Business models and processes</b>						<b>20</b>
LI00BJ44	Supply network	5				5
LI00BJ45	Accounting	5				5
LI00BJ46	Managerial work		5			5
LI00BJ47	Customer relations and marketing	5				5
<b>BIT21KLTI-1006 Web applications</b>						<b>15</b>
LI00BJ48	Orientation to programming	5				5
LI00BJ49	User-centered prototype development and application publishing	5				5
LI00BJ50	Agile web project	5				5
<b>BIT21KLTI-1007 Transforming ideas into business</b>						<b>15</b>
LI00BJ51	Fundamentals of business law and economics		5			5
LI00BJ52	Profitable enterprise		5			5
LI00BJ53	Successful business		5			5

**BIT21KLTl-1008 Practical Training****30**

LA00BO06	Practical Training			10		10
LA00BO07	Practical Training 2			10		10
LA00BO08	Practical Training 3			10		10

**BIT21KLTl-1009 Thesis****15**

LA00BO09	Thesis planning				5	5
LA00BO10	Thesis research and writing				5	5
LA00BO11	Thesis publication				5	5

**BIT21KLTl-1010 COMPLEMENTARY COMPETENCE****75****BIT21KLTl-1001 CORE COMPETENCE: 135 ECTS****BIT21KLTl-1002 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

**LA00BF20 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

**LA00BF21 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

**LA00BF19 Finnish for Foreigners 1: 3 ECTS**

**Learning outcomes**

The student is able to

- identify and use the vocabulary and phrases for common everyday situations
- tell about themselves and understands basic questions
- read and write sentences.

Previous knowledge of Finnish language is not required.

**LA00BF22 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

**LA00BF23 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

**LA00BQ92 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

**LA00BQ93 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

### **LA00BF24 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

### **LA00BF27 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

### **BIT21KLTI-1003 Professional Core Competence: 110 ECTS**

### **BIT21KLTI-1004 Website visibility: 15 ECTS**

### **LI00BJ41 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

### **LI00BJ42 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

### **LI00BJ43 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

**BIT21KLTl-1005 Business models and processes: 20 ECTS****LI00BJ44 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

**LI00BJ45 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

**LI00BJ46 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 work community

**LI00BJ47 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

**BIT21KLTl-1006 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

**BIT21KLT1-1007 Transforming ideas into business: 15 ECTS****LI00BJ51 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

**LI00BJ52 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

**LI00BJ53 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

**BIT21KLTl-1008 Practical Training: 30 ECTS****LA00BO06 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 in the work done in practical training

**LA00BO07 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 in the work done in practical training

**LA00BO08 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 in the work done in practical training

**BIT21KLTl-1009 Thesis: 15 ECTS**

## **LA00BO09 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

## **LA00BO10 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

## **LA00BO11 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

## **BIT21KLTI-1010 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.