

Curriculum at Lahti University of Applied Sciences 2018-2019

Bachelor of Culture and Arts, Interior Architecture and Furniture Design

Code	Name	1 y	2 y	3 y	4 y	ECTS total
MISIK18-1000 CORE COMPETENCE						180
MISIK18-1001 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
MISIK18-1002 Professional Core Competence						155
MISIK18-1003 Arts Foundation Studies						15
MI00BK66	History of art and design	5				5
MI00BK79	Visual Design	5				5
MI00BK90	Color Theory	5				5
MISIK18-1004 Designer's Basic Skills						15
MI00BK74	Orientation Workshop	2				2
MI00BK62	Fundamentals of Design	5				5
MI00BK69	Design Tools	5				5
MI00BL77	Developing by Experimenting	3				3
MISIK18-1005 Creative Design Work						15
MI00BK71	Modelling Basics	5				5
MI00BL75	Three-Dimensional Modelling Project	5				5
MI00BK95	Creative Design Methods	5				5
MISIK18-1006 User-Centred Design						15
MI00BK96	User Experience and User-Centred Design Methods		5			5
MI00BL20	Sustainable Design		5			5
MI00BL76	Advanced Modelling Project		5			5
MISIK18-1007 Design Work Profile						15
MI00BL52	Ergonomics and Accessibility		5			5

MI00BL54	Structures and Materials		5		5
MI00BL23	Publishing a Promotional Portfolio		5		5

MISIK18-1008 Product Developer's Competence 15

MI00BL13	Entrepreneurship and Professional Practices		5		5
MI00BL07	Product Development Processes		5		5
MI00BM16	Specialist Project		5		5

MISIK18-1009 Market Awareness 10

MI00BL22	Marketing Communication and Branding		5		5
MI00BL87	Future Technologies and Smart Materials		5		5

MISIK18-1010 Designer Identity 10

MI00BL24	Working Life Simulation		5		5
MI00BK61	Professional Profile Development			5	5

MISIK18-1011 Practical Training 30

LA00BO03	Practical Training		2,5	5	2,5	10
LA00BO04	Practical Training 2			5	5	10
LA00BO05	Practical Training 3			5	5	10

MISIK18-1012 Thesis 15

LA00BN99	Thesis planning			5	5
LA00BO00	Thesis research and writing			5	5
LA00BO01	Thesis publication			5	5

MISIK18-1013 COMPLEMENTARY COMPETENCE 60

MISIK18-1000 CORE COMPETENCE: 180 ECTS

MISIK18-1001 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

MISIK18-1002 Professional Core Competence: 155 ECTS

MISIK18-1003 Arts Foundation Studies: 15 ECTS

MI00BK66 History of art and design: 5 ECTS

Learning outcomes

The student is able to

- describe the main developments in the history of art, design and visual communication
- understands connections between art, communication and design
- evaluate different interpretations of the history of visual expression
- use the styles of different epochs in visual design

MI00BK79 Visual Design: 5 ECTS

Learning outcomes

The student is able to

- present their work to peer audiences and evaluate them critically
- make use of various visual idea generation methods

- use personal observations and emotions as a starting point for creative thinking
- make connections between visual arts and other forms of visual culture
- analyse, interpret and explain contemporary visual culture

MI00BK90 Color Theory: 5 ECTS

Learning outcomes

Students will be able to

- express colour theory and interrelations through visual exercises
- verbally describe the impressive, expressive and symbolic nature of colours and colour combinations and apply this knowledge in visual exercises
- creatively apply the rules of colour interaction
- discuss the classical colour theories and their application in fine arts and design.

MISIK18-1004 Designer's Basic Skills: 15 ECTS

MI00BK74 Orientation Workshop: 2 ECTS

Learning outcomes

The student is able to

- describe the principles of team work
- work in teams
- describe and assess the phases of design work

MI00BK62 Fundamentals of Design: 5 ECTS

Learning outcomes

The student is able to

- use basic concepts of the field
- produce a visual presentation
- demonstrate understanding of the typical roles and practices of their chosen field

MI00BK69 Design Tools: 5 ECTS

Learning outcomes

The student is able to

- demonstrate a command of the basics of digital imaging
- recognize the principles of project work
- recognize the principles of the design process
- visually present a design plan

MI00BL77 Developing by Experimenting: 3 ECTS

Learning outcomes

The student is able to

- utilize modelling learning environments as part of a product development process

- produce rapid prototypes for product development.

MISIK18-1005 Creative Design Work: 15 ECTS

MI00BK71 Modelling Basics: 5 ECTS

Learning outcomes

The student is able to

- demonstrate a basic command of 3D design methods and tools specific to their chosen field
- demonstrate a command of the basics of 3D modelling and visualisation
- produce a simple visual model.

MI00BL75 Three-Dimensional Modelling Project: 5 ECTS

Learning outcomes

The student is able to

- convert a two-dimensional design into a three-dimensional model
- safely use modelling tools
- maintain a clean and tidy shared work environment and take care of tools and equipment.

MI00BK95 Creative Design Methods: 5 ECTS

Learning outcomes

The student is able to

- assess how various design methods could be used to carry out an assignment
- choose a suitable design process model for an assignment
- use creative methods in their design work
- create concepts by experimentation

MISIK18-1006 User-Centred Design: 15 ECTS

MI00BK96 User Experience and User-Centred Design Methods: 5 ECTS

Learning outcomes

The student is able to

- apply the principles of user-centred design in their work
 - identify the basic methods of user-centred design
 - apply user-centred design processes in assignments
- demonstrate a command of the communal design approach and its basic methods

MI00BL20 Sustainable Design: 5 ECTS

Learning outcomes

The student is able to

- describe the principles and opportunities of environmental and ethical thinking in design
- design products with consideration of life cycles, materials, manufacturing methods, legislation and

eco-efficient technologies and practices

- choose eco-efficient product development strategies as part of the design process

MI00BL76 Advanced Modelling Project: 5 ECTS

Learning outcomes

Students will be able to

- compare and choose (metal) materials for a model
- demonstrate a command of three-dimensional sketching
- independently use appropriate modelling tools and equipment in an assignment

MISIK18-1007 Design Work Profile: 15 ECTS

MI00BL52 Ergonomics and Accessibility: 5 ECTS

Learning outcomes

The student is able to

- apply the basics of ergonomics in their design work
- apply the principles of accessibility and design-for-all in their design work

MI00BL54 Structures and Materials: 5 ECTS

Learning outcomes

The student knows how to

- describe the basic principles of designing structures
- assess materials from the perspectives of durability, serviceability, aesthetics and product costs
- design functional structures and select appropriate materials for a design

MI00BL23 Publishing a Promotional Portfolio: 5 ECTS

Learning outcomes

The student is able to

- select and compare publishing platforms
- create a professional portfolio for different purposes
- use a portfolio as a promotional tool
- use a portfolio as a means of developing their professional profiles.

MISIK18-1008 Product Developer's Competence: 15 ECTS

MI00BL13 Entrepreneurship and Professional Practices: 5 ECTS

Learning outcomes

The student is able to

- identify entrepreneurial competence requirements and evaluate their personal competencies
- identify and assess opportunities in the business environment of their chosen field
- plan a business operation, map finance opportunities and assess the viability of a business

- identify common contract types, legislation and practices specific to their chosen field
- take into account copyright law and intellectual property rights in their work

MI00BL07 Product Development Processes: 5 ECTS

Learning outcomes

The student is able to

- assess the suitability of different process models for assignments
- select the most appropriate process model to use in an assignment
- implement the stages of the chosen process model

MI00BM16 Specialist Project: 5 ECTS

Learning outcomes

The student is able to

- implement a complete design process as a member of a professional team
- independently design and implement a product development project
- produce a project plan
- produce project communications

MISIK18-1009 Market Awareness: 10 ECTS

MI00BL22 Marketing Communication and Branding: 5 ECTS

Learning outcomes

The student is able to

- explain the concept, contents and characteristics of marketing thought
- use the methods of marketing communication and branding in their professional activity
- draw up a marketing plan
- select appropriate methods and channels for marketing communication and branding

MI00BL87 Future Technologies and Smart Materials: 5 ECTS

Learning outcomes

Students will be able to

- apply existing futures scenarios in the design of a new product
- identify different smart and active materials and their applications
- apply their knowledge of functional product design
- at a conceptual level, design a working product using smart materials and/or future technologies

MISIK18-1010 Designer Identity: 10 ECTS

MI00BL24 Working Life Simulation: 5 ECTS

Learning outcomes

The student is able to

- develop their professional practice and contribute to a multidisciplinary workplace community
- describe the role of marketing communications and branding in the community's activities
- work in a team towards common goals

MI00BK61 Professional Profile Development: 5 ECTS

Learning outcomes

The student is able to

- define their professional profile
- set goals and develop their professional profile accordingly
- produce a portfolio for postgraduate studies or job-seeking purposes

MISIK18-1011 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 in 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 in 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

network

- evaluate and develop their own competence into the work done in practical training

MISIK18-1012 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

MISIK18-1013 COMPLEMENTARY COMPETENCE: 60 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.