

Curriculum at Lahti University of Applied Sciences  
2019-2020

## Bachelor of Culture and Arts, Interior Architecture and Furniture Design

| Code  | Name  | 1 y | 2 y | 3 y | 4 y | ECTS total |
|---|---|-----|-----|-----|-----|------------|
| <b>MISIK19S-1000 CORE COMPETENCE</b>              |   |     |     |     |     | <b>180</b> |
| <b>MISIK19S-1001 Common Core Competence</b>       |   |     |     |     |     | <b>25</b>  |
| 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          |
| <b>MISIK19S-1002 Professional Core Competence</b> |   |     |     |     |     | <b>155</b> |
| <b>MISIK19S-1003 Arts Foundation Studies</b>      |   |     |     |     |     | <b>15</b>  |
| MI00BK66  | History of art and design                       | 5   |     |     |     | 5          |
| MI00BK79  | Visual Design                                   | 5   |     |     |     | 5          |
| MI00BK90  | Color Theory                                    | 5   |     |     |     | 5          |
| <b>MISIK19S-1004 Designer's Basic Skills</b>      |   |     |     |     |     | <b>15</b>  |
| MI00BK74  | Orientation Workshop                            | 2   |     |     |     | 2          |
| MI00BK62  | Fundamentals of Design                          | 5   |     |     |     | 5          |
| MI00BK69  | Design Tools                                    | 5   |     |     |     | 5          |
| MI00BL77  | Developing by Experimenting                     | 3   |     |     |     | 3          |
| <b>MISIK19S-1005 Creative Design Work</b>         |   |     |     |     |     | <b>15</b>  |
| MI00BK71  | Modelling Basics                                | 5   |     |     |     | 5          |
| MI00BL75  | Three-Dimensional Modelling Project             | 5   |     |     |     | 5          |
| MI00BK95  | Creative Design Methods                         | 5   |     |     |     | 5          |
| <b>MISIK19S-1006 User-Centred Design</b>          |   |     |     |     |     | <b>15</b>  |
| MI00BK96  | User Experience and User-Centred Design Methods |     | 5   |     |     | 5          |
| MI00BL20  | Sustainable Design                              |     | 5   |     |     | 5          |
| MI00BL76  | Advanced Modelling Project                      |     | 5   |     |     | 5          |
| <b>MISIK19S-1007 Design Work Profile</b>          |   |     |     |     |     | <b>15</b>  |
| MI00BL52  | Ergonomics and Accessibility                    |     | 5   |     |     | 5          |

|   |   |  |     |   |     |           |
|---|---|--|-----|---|-----|-----------|
| MI00BL54  | Structures and Materials                    |  | 5   |   |     | 5         |
| MI00BL23  | Publishing a Promotional Portfolio          |  | 5   |   |     | 5         |
| <b>MISIK19S-1008 Product Developer's Competence</b> |   |  |     |   |     | <b>15</b> |
| MI00BL13  | Entrepreneurship and Professional Practices |  |     | 5 |     | 5         |
| MI00BL07  | Product Development Processes               |  |     | 5 |     | 5         |
| MI00BM16  | Specialist Project                          |  |     | 5 |     | 5         |
| <b>MISIK19S-1009 Market Awareness</b>               |   |  |     |   |     | <b>10</b> |
| MI00BL22  | Marketing Communication and Branding        |  |     | 5 |     | 5         |
| MI00BL87  | Future Technologies and Smart Materials     |  |     | 5 |     | 5         |
| <b>MISIK19S-1010 Designer Identity</b>              |   |  |     |   |     | <b>10</b> |
| MI00BL24  | Working Life Simulation                     |  |     | 5 |     | 5         |
| MI00BK61  | Professional Profile Development            |  |     |   | 5   | 5         |
| <b>MISIK19S-1011 Practical Training</b>             |   |  |     |   |     | <b>30</b> |
| LA00BO03  | Practical Training                          |  | 2,5 | 5 | 2,5 | 10        |
| LA00BO04  | Practical Training 2                        |  |     | 5 | 5   | 10        |
| LA00BO05  | Practical Training 3                        |  |     | 5 | 5   | 10        |
| <b>MISIK19S-1012 Thesis</b>                         |   |  |     |   |     | <b>15</b> |
| LA00BN99  | Thesis planning                             |  |     |   | 5   | 5         |
| LA00BO00  | Thesis research and writing                 |  |     |   | 5   | 5         |
| LA00BO01  | Thesis publication                          |  |     |   | 5   | 5         |
| <b>MISIK19S-1013 COMPLEMENTARY COMPETENCE</b>       |   |  |     |   |     | <b>60</b> |

## **MISIK19S-1000 CORE COMPETENCE: 180 ECTS**

### **MISIK19S-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

### **MISIK19S-1002 Professional Core Competence: 155 ECTS**

### **MISIK19S-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.

### **MISIK19S-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.

## **MISIK19S-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

## **MISIK19S-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

### **MISIK19S-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.

### **MISIK19S-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

### **MISIK19S-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

### **MISIK19S-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

### **MISIK19S-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 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

network

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

## **MISIK19S-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

## **MISIK19S-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.