

## Curriculum at LAB University of Applied Sciences 2025-2026

### Bachelor of Culture and Arts, Sustainable Design Business 25S, full-time studies, Lahti

| Code                                                   | Name                                              | 1 y | 2 y | 3 y | 4 y | ECTS<br>total |
|--------------------------------------------------------|---------------------------------------------------|-----|-----|-----|-----|---------------|
| <b>MLTISDB25S-1001 Core competences</b>                |                                                   |     |     |     |     | <b>15</b>     |
| AY00CE71                                               | Developing Professional Competences 1             | 3   |     |     |     | 3             |
| AY00CE72                                               | Developing Professional Competences 2             |     | 1   |     |     | 1             |
| AY00CE73                                               | Developing Professional Competences 3             |     |     | 1   |     | 1             |
| A300CE13                                               | Orientation to Sustainability Thinking            | 2   |     |     |     | 2             |
| KE00CE74                                               | Intercultural Awareness                           | 3   |     |     |     | 3             |
| KE00CE75                                               | English for Professional Communication            | 5   |     |     |     | 5             |
| <b>MLTISDB25S-1002 Professional Core Competences</b>   |                                                   |     |     |     |     | <b>60</b>     |
| <b>MLTISDB25S-1003 Working Life Language Skills</b>    |                                                   |     |     |     |     | <b>6</b>      |
| K200CE69                                               | Finnish 1                                         | 3   |     |     |     | 3             |
| K200CE70                                               | Finnish 2                                         | 3   |     |     |     | 3             |
| KS00BT59                                               | Expert Communication Skills                       | 4   |     |     |     | 4             |
| KR00BU42                                               | Swedish for Work, Spoken                          | 1   |     |     |     | 1             |
| KR00BU43                                               | Swedish for Work, Written                         | 1   |     |     |     | 1             |
| <b>MLTISDB25S-1004 Foundation Studies in Fine Arts</b> |                                                   |     |     |     |     | <b>15</b>     |
| AM00CN24                                               | Art History                                       | 5   |     |     |     | 5             |
| AM00CV19                                               | Image and theory                                  | 5   |     |     |     | 5             |
| AM00CN23                                               | Visual Design                                     | 5   |     |     |     | 5             |
| <b>MLTISDB25S-1005 Basic studies in design</b>         |                                                   |     |     |     |     | <b>39</b>     |
| AM00CV20                                               | Introduction to sustainable design methods        | 5   |     |     |     | 5             |
| AM00CV21                                               | Introduction to circular economy                  | 5   |     |     |     | 5             |
| AM00CV23                                               | Visual software basics                            | 5   |     |     |     | 5             |
| AM00CV24                                               | History of design                                 | 5   |     |     |     | 5             |
| AM00CN27                                               | Ergonomics and Accessibility                      |     | 5   |     |     | 5             |
| AM00CV26                                               | Future foresight                                  |     | 5   |     |     | 5             |
| AM00DC28                                               | Sustainable profitability and budgeting           |     | 5   |     |     | 5             |
| AM00DH07                                               | Presentation methods                              | 4   |     |     |     | 4             |
| <b>MLTISDB25S-1006 Compulsory Studios</b>              |                                                   |     |     |     |     | <b>60</b>     |
| AM00CV27                                               | User Centered Design Studio                       |     | 15  |     |     | 15            |
| AM00CV28                                               | Sustainable materials and circular economy studio |     | 15  |     |     | 15            |
| AM00CV29                                               | Data Studio                                       |     | 15  |     |     | 15            |

|          |                        |   |  |  |    |    |
|----------|------------------------|---|--|--|----|----|
| AM00DH16 | Research Studio part 1 | 2 |  |  |    | 2  |
| AM00DH17 | Research Studio part 2 |   |  |  | 13 | 13 |

**MLTISDB25S-1007 Optional Studios 75**

|          |                                  |  |  |    |  |    |
|----------|----------------------------------|--|--|----|--|----|
| AM00CV30 | Repair, Reuse and Recycle Studio |  |  | 15 |  | 15 |
| AM00CV32 | Business Leadership Studio       |  |  | 15 |  | 15 |
| AM00CV33 | Business Scene Studio            |  |  | 15 |  | 15 |
| AM00CV34 | The User Studio                  |  |  | 15 |  | 15 |
| AM00CV36 | Responsible Fashion Studio       |  |  | 15 |  | 15 |

**MLTISDB25S-1008 Training 30**

|          |                      |  |  |    |    |    |
|----------|----------------------|--|--|----|----|----|
| HA00CV37 | Practical training 1 |  |  | 15 |    | 15 |
| HA00CV38 | Practical training 2 |  |  |    | 15 | 15 |

**MLTISDB25S-1009 Thesis 15**

|          |                             |  |  |  |   |   |
|----------|-----------------------------|--|--|--|---|---|
| AO00CE79 | Thesis Planning             |  |  |  | 5 | 5 |
| AO00CE80 | Thesis Research and Writing |  |  |  | 5 | 5 |
| AO00CE81 | Thesis Publication          |  |  |  | 5 | 5 |

**MLTISDB25S-1001 Core competences: 15 ECTS**
**AY00CE71 Developing Professional Competences 1: 3 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 LAB University of Applied Sciences
- picture their own field of studies and its future skills
- give feedback on tuition and services and thus participate in the development of education

**AY00CE72 Developing Professional Competences 2: 1 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

**AY00CE73 Developing Professional Competences 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

### **A300CE13 Orientation to Sustainability Thinking: 2 ECTS**

#### **Learning outcomes**

Identify and define central concepts and frameworks related to sustainability. Recognize the interconnectedness of economic, social and environmental sustainability issues. Understand and develop own individual role in driving sustainability.

#### **Evaluation criterias**

##### **Level 1**

Pass-Fail

### **KE00CE74 Intercultural Awareness: 3 ECTS**

#### **Learning outcomes**

Students are able to

- understand cultural similarities and differences
- work effectively with international partners
- analyze business and work life cultures including Finland using different cultural frameworks
- understand culture adaptation and adjustment.

### **KE00CE75 English for Professional Communication: 5 ECTS**

#### **Learning outcomes**

Proficiency level: B2

The student is able to

- identify the characteristics of academic texts and to apply academic conventions to their writing
- demonstrate critical thinking and find, evaluate and use information effectively
- communicate clearly and effectively in different generic and field-specific workplace situations both orally and in writing
- function collaboratively in contemporary working environments in English.

### **MLTISDB25S-1002 Professional Core Competences: 60 ECTS**

### **MLTISDB25S-1003 Working Life Language Skills: 6 ECTS**

### **K200CE69 Finnish 1: 3 ECTS**

#### **Learning outcomes**

The student is able to

- identify and use the course vocabulary and phrases for common everyday situations

- tell about oneself and understand basic questions
- read and write simple sentences related to the course topics.

Proficiency level: A1

## **K200CE70 Finnish 2: 3 ECTS**

### **Learning outcomes**

The student is able to

- communicate in most common everyday situations
- understand slowly and clearly spoken Finnish when the topic and the vocabulary are familiar
- understand and write a simple message or text
- use the basic vocabulary and some grammatical structures of Finnish.

Proficiency level: A1

### **Prerequisites**

Finnish 1 or similar skills

## **KS00BT59 Expert Communication Skills: 4 ECTS**

### **Learning outcomes**

Proficiency level: C2

The student masters Finnish language as a mother tongue in all professional spoken and written communication situations.

## **KR00BU42 Swedish for Work, Spoken: 1 ECTS**

### **Learning outcomes**

The student is able to

- convey and validate arguments
- use vital field-specific vocabulary
- communicate essential matters about their education, work experience and tasks
- present their field-specific operational environment
- communicate in various working life situations in Swedish.

The student completes the Public Administration Language Test in Swedish.

## **KR00BU43 Swedish for Work, Written: 1 ECTS**

### **Learning outcomes**

The student is able to

- use vital field-specific vocabulary
- communicate essential matters about their education, work experience and tasks
- understand and produce various short texts related to studies and working life
- acquire information on their field in Swedish
- use online dictionaries.

The student completes the Public Administration Language Test in Swedish.

## **MLTISDB25S-1004 Foundation Studies in Fine Arts: 15 ECTS**

### **AM00CN24 Art History: 5 ECTS**

#### **Learning outcomes**

Students are able to

- describe the basics of Western visual arts, architecture and other visual culture, from prehistory to modern times
- use the research concepts of art history and visual culture
- view their professional field as part of artistic practice and the visual environment
- use their knowledge of phenomena in art history in their professional development and work.

### **AM00CV19 Image and theory: 5 ECTS**

#### **Learning outcomes**

The student is able to

- describe current visual culture theories
- independently search for information about different theories from both printed and digital sources
- apply theoretical models and concepts in design and the evaluation of her or his work

#### **Prerequisites**

There is no requirement of earlier studies on the topic. Knowledge of art and design history and practise is a recommendation.

### **AM00CN23 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.

## **MLTISDB25S-1005 Basic studies in design: 39 ECTS**

### **AM00CV20 Introduction to sustainable design methods: 5 ECTS**

#### **Learning outcomes**

- As a designer recognize the sustainable design methods.
- Has the knowledge the possibilities of implementation of the methods.

### **AM00CV21 Introduction to circular economy: 5 ECTS**

**Learning outcomes**

- Identify and define the main concepts of circular economy and understand its basic principles.
- Understand the complexity of the problems of the current economy and the possibilities to solve those. The objectives of the course
- Understand the problems related to the way we consume resources today and how the circular economy can help in solving these problems
- Knowledge the methods that could develop the circular economy

**AM00CV23 Visual software basics: 5 ECTS****Learning outcomes**

The student is able to

- use the basic terms and concepts of digital tools in discussion
- use the basic functions in typical digital tools of visual design in their field of study
- utilize visual design tools to carry out assignments
- find guides and information about the use of more advanced tools in design software.

**AM00CV24 History of design: 5 ECTS****Learning outcomes**

- know how to describe the periods, characteristics and pivotal representatives of Finnish and international design
- know how to analyse the key stages and characteristics of design history from the point of view of the professional field
- know how to establish the social factors that influence design and analyse the links between design and visual arts

**AM00CN27 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

**AM00CV26 Future foresight: 5 ECTS****Learning outcomes**

Students will be able to

- apply the concepts and principles of futures studies in their chosen field
- describe tools and methods of futures studies
- anticipate changes in the operating environment both at the general level and specific to their chosen field- apply foresight methods in research and development

**AM00DC28 Sustainable profitability and budgeting: 5 ECTS****Learning outcomes**

The student is able to

- understand the introduction to Accounting
- produce cost-volume-profit analyses and price setting
- be familiar with analyzing a company's financial position based on financial statements.
- draw up budgets and define the budgeting process

## **AM00DH07 : 4 ECTS**

### **Learning outcomes**

The student is able to

- create a visual presentation of a design
- facilitate discussion by drawing
- create finalized presentation materials and work drawings
- explain the possibilities and restrictions of both hand drawn and digital presentation methods.

## **MLTISDB25S-1006 Compulsory Studios: 60 ECTS**

### **AM00CV27 User Centered Design Studio: 15 ECTS**

#### **Learning outcomes**

A student is able to

- utilize a user driven process in creation of new service ideas
- apply multicasting in creation of a user experience
- apply the principles of sustainability in service development
- utilize design process in creation of new service idea and in the development of a service concept
- model, test and present service ideas by prototyping

### **AM00CV28 Sustainable materials and circular economy studio: 15 ECTS**

### **AM00CV29 Data Studio: 15 ECTS**

#### **Learning outcomes**

The course provides the theory and practice behind data aware design, and demonstrates why leveraging big data is such an important skill for the modern designer.

After completing the course the student is able to:

- understand what data is and how it is created
- identify the different levels of data: macro, meso, and micro; societal, environmental, and economic
- recognize the current barriers for designers in using data: cultural, operational, technical
- understand and describe how real companies use data
- design a data-driven business ecosystem (team design brief)
- visualize data.

### **AM00DH16 Research Studio part 1: 2 ECTS**

#### **Learning outcomes**

Research Studio 1 lays the foundation for research-oriented thinking.

The course introduces the basic principles of research in the context of design and explores the role of knowledge in supporting innovation. It also builds the first steps toward research-based writing required for the final thesis.

The student is able to:

- understand the significance of research-oriented thinking
- recognize the role of information gathering as part of development processes in both practical work and research-based theses

### **AM00DH17 Research Studio part 2: 13 ECTS**

### **MLTISDB25S-1007 Optional Studios: 75 ECTS**

### **AM00CV30 Repair, Reuse and Recycle Studio: 15 ECTS**

#### **Learning outcomes**

The student is able to:

- discuss, select and apply techniques to reduce raw materials without compromising quality and functionality
- create smart and modular design
- design products with reparability as a standard feature
- design for reuse.

### **AM00CV32 Business Leadership Studio: 15 ECTS**

### **AM00CV33 Business Scene Studio: 15 ECTS**

### **AM00CV34 The User Studio: 15 ECTS**

### **AM00CV36 Responsible Fashion Studio: 15 ECTS**

### **MLTISDB25S-1008 Training: 30 ECTS**

### **HA00CV37 Practical training 1: 15 ECTS**

### **HA00CV38 Practical training 2: 15 ECTS**

### **MLTISDB25S-1009 Thesis: 15 ECTS**

### **AO00CE79 Thesis Planning: 5 ECTS**

#### **Learning outcomes**

The student is able to:

- describe the objectives and core contents of their thesis



- plan and describe the stages of the thesis process
- take into account the possible research permit and copyright issues.

### **AO00CE80 Thesis Research and Writing: 5 ECTS**

#### **Learning outcomes**

The student is able to:

- implement the thesis on the basis of an approved thesis plan.

### **AO00CE81 Thesis Publication: 5 ECTS**

#### **Learning outcomes**

The student is able to:

- present the results or output of their thesis
- report on their thesis in writing in accordance with the thesis guidelines of LAB University of Applied Sciences
- write a maturity test.