

**Curriculum at LAB University of Applied Sciences
2022-2023**

**Bachelor of Culture and Arts, User Experience and User
Interface Design 22S, full-time studies, Lahti**

Code	Name	1 y	2 y	3 y	4 y	ECTS total
MLTIUXUI22S-1001 Common Studies						15
AY00BU47	Developing professional competence 1	1				1
AY00BU48	Developing professional competence 2		1			1
AY00BU49	Developing professional competence 3			1		1
A300CE13	Orientation to Sustainability Thinking	2				2
KE00BT61	English for Work	4				4
KR00BU42	Swedish for Work, Spoken	1				1
KR00BU43	Swedish for Work, Written	1				1
KS00BT59	Expert Communication Skills	4				4
MLTIUXUI22S-1002 Professional Core Competence						90
MLTIUXUI22S-1003 Foundation Studies in Fine Arts						15
AM00CE41	Art History	5				5
AM00CF73	Color, Form and Composition	5				5
AM00BV66	Visual Design	5				5
MLTIUXUI22S-1004 Basic Studies in User Experience and User Interface Design						30
AM00CR51	Visual Software Tools	5				5
AM00CF00	Usability, User Interfaces and Interaction Design	5				5
AM00CG69	User Interface Design Practice	5				5
AM00CF43	Basics of Typography	5				5
AM00BV89	Information Design	5				5
AM00CE48	History of Visual Communication	5				5
MLTIUXUI22S-1005 Core Studies in User Experience and User Interface Design						35
AM00CF02	Introduction to Design		5			5
AM00CG70	UX Design Practice		5			5
AM00CG71	UI Coding Basics		5			5
AM00CG73	Prototyping an App		5			5
AM00CF03	Basics of Service Design		5			5
AM00CE50	Marketing Communication and Branding		5			5
AM00CG74	IoT and Future User Interfaces		5			5

MLTIUXUI22S-1006 The Creative Professional						10
AM00CD93	A More Sustainable Life – International project		5			5
AM00CE55	Business Skills and Professional Practices			5		5
MLTIUXUI22S-1007 Complementary Competence						90
MLTIUXUI22S-1008 Studio 1						20
AM00CM68	App Workshop Studio		20			20
MLTIUXUI22S-1009 Studio 2						20
AM00CM69	UI/UX Coding Studio			20		20
MLTIUXUI22S-1010 Studio 3						20
AM00CM56	UI/IxD Studio			20		20
MLTIUXUI22S-1011 International Student Exchange						30
MLTIUXUI22S-1012 Studio 4						20
AM00CM59	XR/AR Studio				20	20
AM00CM90	Service Design Studio					0
AM00CM57	Publication Studio					0
AM00CR13	Assistant Project Coordinator					0
MLTIUXUI22S-1013 Elective Studies						10
AM00CM92	Studio Portfolio 1					0
AM00CM93	Studio Portfolio 2					0
AM00CM94	Studio Portfolio 3					0
AM00BV84	Research and Development in a Thesis Work					0
MLTIUXUI22S-1014 Studies completed at other universities						0
MLTIUXUI22S-1015 Practical Training						30
HA00CD54	Practical Training		5	5		10
HA00BU51	Practical Training 2				10	10
HA00BU52	Practical Training 3				10	10
MLTIUXUI22S-1016 Thesis Work						15
AO00BU53	Thesis Planning				5	5
AO00BU54	Thesis Research and Writing				5	5
AO00BU55	Thesis Publication				5	5

MLTIUXUI22S-1001 Common Studies: 15 ECTS

AY00BU47 Developing professional competence 1: 1 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 careerpath 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

AY00BU48 Developing professional competence 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

AY00BU49 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

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

KE00BT61 English for Work: 4 ECTS

Learning outcomes

Proficiency level: B2

The student is able to

- communicate clearly and effectively in different generic and field-specific workplace situations both orally and in writing
- find, evaluate and use information effectively
- function collaboratively in international working environments.

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.

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.

MLTIUXUI22S-1002 Professional Core Competence: 90 ECTS**MLTIUXUI22S-1003 Foundation Studies in Fine Arts: 15 ECTS****AM00CE41 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.

AM00CF73 Color, Form and Composition: 5 ECTS

Learning outcomes

Students are be able to

- use visual exercises to express colour theory and interrelations and also composition theory
- verbally describe the impressive, expressive and symbolic nature of colours and colour combinations, geometric forms and composition elements
- creatively apply the rules of colour interaction, forms and composition
- discuss the classical colour theories, composition theory and their application in fine arts and design.

AM00BV66 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.

MLTIUXUI22S-1004 Basic Studies in User Experience and User Interface Design: 30 ECTS**AM00CR51 Visual Software Tools: 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.

AM00CF00 Usability, User Interfaces and Interaction Design: 5 ECTS**Learning outcomes**

The students are able to

- use knowledge of usability psychology and best practices in their design work
- choose, design and implement interactivity in a context savvy way
- recognize common interaction styles and patterns in graphical user interfaces and platforms
- analyze interaction design and explain design choices orally, literally and visually
- utilize user information in design.

AM00CG69 User Interface Design Practice: 5 ECTS**Learning outcomes**

The student is able to

- describe methods used in user interface design
- analyze a design assignment to choose an appropriate approach

- assess user interfaces from the perspective of usability by means of heuristics and user testing
- select a prototyping method and work as a member of a UX-design team.

AM00CF43 Basics of Typography: 5 ECTS

Learning outcomes

The student is able to

- describe the categories of typography and how to use them
- describe the history of typography from the 1900s to present day
- use the methods of typography to create easy to adopt multi-level and hierarchic text content
- use font management tools and OpenType features
- describe and apply the typographic requirements of different types of media

AM00BV89 Information Design: 5 ECTS

Learning outcomes

The student is able to

- describe the basic principles of information design and analytically assess information design products
- choose appropriate ways to present information
- create visual presentations of abstract or complex information.

AM00CE48 History of Visual Communication: 5 ECTS

Learning outcomes

The student is able to

- explain the development stages of visual communication media from historic to current times
- view genres in context with other cultural phenomena in their time periods
- recognize different periodical styles and major influencers in graphic design, typography and photography
- view their own work as a part of a continuum of a long tradition of visual culture.

MLTIUXUI22S-1005 Core Studies in User Experience and User Interface Design: 35 ECTS

AM00CF02 Introduction to Design: 5 ECTS

Learning outcomes

The student is able to

- explain the term design and describe how design affects the development of everyday life, society and businesses
- make use of design thinking and some of the typical design process and methods for solving problems.

AM00CG70 UX Design Practice: 5 ECTS

AM00CG71 UI Coding Basics: 5 ECTS

Learning outcomes

The student is able to

- discuss features in interactive products from the perspective of a designer
- design UI functionalities making use of both user side and server side features
- recognise the strengths of different programming platforms
- use a programming language as a tool on a basic level.

AM00CG73 Prototyping an App: 5 ECTS

AM00CF03 Basics of Service Design: 5 ECTS

Learning outcomes

The student is able to

- use service design terminology, methods and processes in design work
- function as a member of a multidisciplinary team in a goal-oriented way
- apply design thinking to assignments and problem solving
- recognize the importance of foresight in service design
- produce visual presentations of services.

AM00CE50 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.

AM00CG74 IoT and Future User Interfaces: 5 ECTS

MLTIUXUI22S-1006 The Creative Professional: 10 ECTS

AM00CD93 A More Sustainable Life – International project: 5 ECTS

Learning outcomes

The student is able to

- work in her or his respective professional role within an international team
- communicate professionally in an international setting
- take the various aspects of sustainability into account in their professional work.

AM00CE55 Business Skills 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 and plan a business operation in the business environment of their chosen field
- identify common contract types, legislation and practices specific to their chosen field
- take into account copyright law and intellectual property rights in their work.

MLTIUXUI22S-1007 Complementary Competence: 90 ECTS

Courses included in the study module

Each studio is a 20 credit course. First studio-course listed for each semester is the default choice in the student's programme. Alternative studio-course choices are also listed and can replace the default choice depending on the study path of the student. Please consult your tutor teacher about alternative studio-courses.

MLTIUXUI22S-1008 Studio 1: 20 ECTS

AM00CM68 App Workshop Studio: 20 ECTS

Learning outcomes

The student is able to

- analyze an assignment from a client into goals and requirements of a design project
- design functionality and the user interface for a mobile app
- present design concepts using visualizations and prototypes
- produce the documentation needed for the production of a design
- take part in the design and production phases in their professional role.

MLTIUXUI22S-1009 Studio 2: 20 ECTS

AM00CM69 UI/UX Coding Studio: 20 ECTS

MLTIUXUI22S-1010 Studio 3: 20 ECTS

AM00CM56 UI/IxD Studio: 20 ECTS

Learning outcomes

This studio course includes the following parts and their respective learning goals:

(5 ECTS)

(5 ECTS)

(10 ECTS)

MLTIUXUI22S-1011 International Student Exchange: 30 ECTS

Courses included in the study module

Studies completed according to a separate Learning Agreement at an international partner university.

MLTIUXUI22S-1012 Studio 4: 20 ECTS

AM00CM59 XR/AR Studio: 20 ECTS

Learning outcomes

The student is able to

- define the concepts of XR (extended reality) and AR (augmented reality) and discuss the possibilities of these and related technologies
- design concepts where XR/AR technologies support user experience, learning, marketing or other client needs and requirements
- produce prototypes that allow the evaluation and further development of XR/AR concepts
- function in their professional role in a multidisciplinary design and production team.

AM00CM90 Service Design Studio: 20 ECTS

Learning outcomes

Theme: Generating ideas

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

Theme: Creating a service concept

The student is able to

- 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
- evaluate an operability of a service concept and its ability to create value

Theme: Team working

The students are able to

- create contacts with working life representatives and advance working life based Service Design project
- develop their Service Design skills in a goal oriented way

AM00CM57 Publication Studio: 20 ECTS

Learning outcomes

This studio course includes the following parts and their respective learning goals:

AM00CR13 Assistant Project Coordinator: 20 ECTS

Learning outcomes

The student knows how to

- plan teamwork to achieve set goals
- utilize project management methods and tools
- produce reports and other stakeholder communications on project progress

- work with clients in a responsible role
- support the project-based learning of their peers
- analyze the working process and its outcomes to produce new knowledge and learning.

MLTIUXUI22S-1013 Elective Studies: 10 ECTS

AM00CM92 Studio Portfolio 1: 2 ECTS

Learning outcomes

The students are able to

- document their work and competence in a visual way
- create a written describe assignments and their working process in a clear and concise way
- produce a visual portfolio.

AM00CM93 Studio Portfolio 2: 2 ECTS

Learning outcomes

The students are able to

- document their work methods and process both visually and textually
- situate their expertise and expression in the professional field
- produce a comprehensive visual portfolio of their work.

AM00CM94 Studio Portfolio 3: 1 ECTS

Learning outcomes

The students are able to

- report their work on a project to the client, project management or funder
- demonstrate, using citations, that they are familiar with practices in their field
- create a visual written project report.

AM00BV84 Research and Development in a Thesis Work: 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
- select and 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.

MLTIUXUI22S-1014 Studies completed at other universities: 0 ECTS

Courses included in the study module

You can complete courses at other higher education institutions for example through CampusOnline or as an Open University student.

MLTIUXUI22S-1015 Practical Training: 30 ECTS

HA00CD54 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

HA00BU51 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

HA00BU52 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

MLTIUXUI22S-1016 Thesis Work: 15 ECTS

AO00BU53 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

AO00BU54 Thesis Research and Writing: 5 ECTS

Learning outcomes

The student is able to:

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

AO00BU55 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.