

Department	METAL DESIGN
Study programme	BACHELOR
Course year	3rd YEAR
Semester	SPRING
Study year	2024/2025

DEPARTMENT'S COURSES

ELECTIVE

Courses designed for Erasmus+ students.

They will be available for registration ONLY after you receive your department's timetable. DON'T include the Elective courses in your learning agreement yet. During your first week here, you'll get a link with the schedule and signup details. Note that some courses have limited spots.

DEPARTMENT COURSES

CODE	COURSE TITLE	DESCRIPTION	LECTURER	ECTS
MakZB613	Metal design	The ability to receive and design complex metal design products, to create collections and to prepare the creative basis for successful bachelor thesis. Developing a compositional solution for single collection. Applying the principles of conceptual jewellery art to the development of a collection. The ability to combine the possibilities of different techniques, materials and means of expression in the compositional solution of a jewellery collection.	Arvīds Endziņš	3
MakZB634	Practical work with materials	Realization of projects developed in composition lessons using a wide range of technical means. Working with metalworking machines (lathe, milling cutter, power saw, etc.) and welding equipment (MIG, MAG, TIG). Production of the designed light, furniture, interactive objects. Jewellery design specializes in working with classic metal art hand tools and techniques, combining them with new technologies. Learning electrochemical techniques — aluminium anodizing, galvanic etching. Experimental work with different materials for the development of the author's technique.	Arvīds Endziņš	4
MakZB650	History of Jewellery	Lectures include presentations accompanied by the lecturer's commentaries. The course includes visits to museums and exhibitions. Studying the industries that service jewellery will help understand the latest trends and tendencies. Topics: Definition of Art, Art Nouveau, Art Deco, Bauhaus, US Jewellery Art in the 30s–70s of the 20th Century, Jewellery Art in Europe, Scandinavia, Jewellery Art Trends in the 20th–21st centuries.	Ginta Grūbe	2

MakZB623	Studies of computer programs	Students study the basics of 3D computer graphics, coordinate system, structure, creation of basic objects, polygon and NURBS geometry, fundamental visualization possibilities, frame composition, visualization. At the end of the course, students realize 3D computer graphics visualization using the acquired knowledge of 3D computer graphics. Learning 2-dimensional vector and raster computer graphics, learning CAD design, learning basic design and fine arts courses, learning 3-dimensional basics, modeling, lighting and visualization courses	Gita Straustiņa	3
MakZB629	Modeling	To introduce students to the specifics of image-making, its different methods. The main focus is on the study of the characteristic forms of the image, its accurate reproduction, the creation of independent compositions, as well as the careful completion and detailing of the work.	Valtis Barkāns	3
MakZB607	Presentation Techniques	To provide students with theoretical and practical knowledge about exhibitions of design objects and their creation. The course includes both theoretical lectures on displaying objects and different types of exhibitions, developing an exhibition concept, and practical work on creating an exhibition from idea to realisation.	Ginta Grūbe	3

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CODE	COURSE TITLE	DESCRIPTION	LECTURER	ECTS
MakZBB34	Art History of Latvia	The course is taught to Erasmus+ students, and its purpose is to give an insight into and a general idea of the development of Latvian art history in a cultural and historical context. Alongside art history, the course provides basic knowledge of Latvian history, ethnography, and architectural history. The lecture course chronologically covers the period from prehistory to the 20th century. Visits to exhibitions and museums are organized as part of the course to broaden and improve students' knowledge and to promote connection with contemporary cultural progress.	Ieva Rozentāle	6
MakZBB36	Theory of Contemporary Art	The academic course deals with all the significant events in recent art history, starting from the international conceptual tendencies in the 60s, like land art, minimalism, Art Povera, Nouveaux Réalisme, Fluxus, and others, the postmodern narratives in the 80s and the 90s. The final part will be dedicated to the actual debates in the global contemporary art scene. Each lecture will be accompanied by rich visual materials, including films originating from museums. After finishing the course, the students will be able to recognize the most prominent personalities and their	Raimonds Kalējs	3

		most iconic artworks.		
MakZBB37	Anatomy	Digitalized and interactive anatomy for art and design students to improve their drawing, painting, and sketching skills in anatomy. Based on Anatomy Next — anatomy learning tools for students and teachers. Anatomy Next is a very successful, world-known educational technology start-up to help students learn anatomy faster and more efficiently.	Uldis Zariņš	3
MakZBA67	Art Pedagogy in Cultural Environment	The course prepares students for planning and conducting art-based visual arts classes for school age children. Such an experience can be useful in teaching for both - formal and non-formal education. Graduates will gain theoretical knowledge and practical experience in transforming an idea based on creative practice (art or design) into a teaching practice.	Ilze Vītola	3
MakZBB40	Art in Public Space	This course introduces students to the different forms of art in public spaces, expanding their knowledge by discussing and analyzing contemporary art events in Latvia and around the world. The goal is not only to provide information but also to encourage students to think critically, analyze, discuss, and form their own opinions. Erasmus students will learn about current trends and traditions in contemporary art in Latvia, with a focus on art in public spaces. The course includes exhibition visits and meetings with curators and artists. At the end of the course, students will prepare a presentation about public art in their home country or on a topic of their choice. Art has the ability to transform an empty space into a meaningful place. It can honour a person or event, serving as a memorial, or critically address society. It can generate and reveal the most diverse emotions and ideas.	Inese Baranovska	3
MakZBB32	Stained Glass Basic	The course introduces students to the classic stained-glass technique; students are able to realize their own composition or choose to copy a sample. It is possible to supplement the work with painting or cold techniques.	Sandra Utāne	3
MakZBB46	Relief printing	Students get acquainted with and develop technical skills in Relief printing – the classic and contemporary techniques of their choice: linocut, collagraphy, and material print. The courses focus specifically on imparting the necessary manual skills. During the semester should be worked out 2 separate compositions. Works have to be presented on the Semester final Assessment show.	Vita Lēnerte	3
MakZBB48	Creation of Form in Ceramics	To make a ceramic form using an already-known form, and to burn it; learning different burning techniques.	Līga Skariņa	3
MAkZBB55	Contemporary Art Jewelry in the making	The course focuses on experimentation in various types of materials and found objects to create a contextual art jewelry piece (prototype or group of jewellery objects) by combining previously mentioned with	Rasma Pušpure	3

		structural parts in metal. Students gain knowledge about the use of various materials in art jewelry and design. It also strengthens students practical skill in working with various metals.		
MakZBB50	Experimental projects in glass sculpture	The course introduces students to the Plastic Composition basics in glass art. How to use glass modelling, fusing, cold work techniques and create an individual glass piece (relief, sculpture, or object (max dimension 20x20x20 cm).	Inita Ēmane	3
MakZBB52	Porcelain painting	The course "Porcelain Painting" is intended for any students from other departments. Its aim is to learn to apply their knowledge of composition and color teaching in practice in one of the ceramics industries by learning porcelain painting techniques. The basis of the author's painted composition is a ready-made porcelain surface - porcelain plates and other objects, there can also be a tiles (ready surface you will buy in a shop). Introduction. Getting acquainted with the specifics of porcelain painting, technology, applicable materials, tools. Historical insight and examples of painted porcelain from different periods. Choice of material and shapes for your composition, tests on material, firing of samples. Graphics on porcelain. Accordance of the composition to the selected shape. Preparation of water-based paint for graphic drawing with pen(nib), testing of various decorative techniques, effects and textures with other tools. Painting on porcelain with a brush. Variety of brushes for each selected operation, tests, firing of samples. Mixing turpentine-based paint for painting with a brush. Sponge as a tool. Variety of tools and color preparation for this process. Implementation of the sample. Firing.	Jevgeņija Loginova	3
MakZBB54	Screen-printing	There will be two options for task in screen-printing: 1) Repeating basics of screen printing. Talking about screen mesh count and different methods of how to make a stencil on screen. Task is a bit advanced but still quite simple two- or three-layer print on paper. Theme based in making composition using different means of expression. 2) Task is more of experimental kind - focus on trying out printing on different material not paper or replacing screen-printing ink with some other printable material. Theme might be conceptual and connected to material student chooses to work with.	Sabīne Vekmane	3
MakZM016	Contemporary Art: Imagining the Future(s)	To form conceptual understanding of the uniqueness and diversity of the Eastern European culture, especially modernist and contemporary art after the WWII.	Kirils Kobrins	3