

Name	Research through craft
Codes	M-TA-201
Host	Future School
Location	Classroom/ <u>Studio or workshop</u> / External venue/ Online/ <u>Homespace</u>

Course info			Subject info			
Course Type	Contact hours	Home study hours	Comprehensive Subject	Subject type	Semester	Subject credit value
practice	96	54	-	mandatory	spring	10

Recommendation
Designer-Maker MA1

<p>Short description</p> <p>Organic Structures in Action</p> <p>This course seeks to explore the potential of organic structures as a foundation for contemporary object design. The focus lies on understanding how naturally occurring forms—such as branching systems, cellular patterns, fluid growth processes etc.—can inspire new approaches to shaping and constructing objects. Rather than imitating nature literally, the project aims to translate its underlying principles: flexibility, adaptation, irregularity, and structural efficiency.</p> <p>While investigating these principles, thorough material experimentation and focused technological processes should play a central role and feed the design process. Students are encouraged to test their chosen material, to examine how they behave under manipulation, stress, layering, or transformation. Through hands-on trials (such as bending, casting, weaving, melting etc.) the organic qualities of each medium should become visible. These material “behaviors” help determine which structural characteristics can be incorporated into the final design.</p> <p>This course builds on the experiences of the first semester and each student should chose to focus possibly on one material and a relevant technology in the execution of the final object or object series.</p> <p>The process emphasizes iterative exploration. Early experiments are documented and analyzed, allowing insights into form development, texture, translucency, tactility, and spatial relationships. By letting the materials and technology guide the form rather than imposing predetermined shapes, the resulting objects embody a more intuitive and organic logic. The goal is to create an object whose design language emerges from its material conditions and natural analogies at the same time answers a functional question. The function is to be determined by each student individually and can stretch from regular existing household objects to more abstract creations, that question utility and new interpretations of routines of every day lives in the 2020s.</p> <p>Ultimately, this assignment fosters an understanding of how organic sturctures and material sensitivity can enrich object design. Through experimentation, observation, and reflection, students learn to develop forms that are both conceptually grounded and materially expressive.</p>
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Teachers				
Name	Contact information	Teaching hours	Short BIO	Open hours
Flóra Vági		96		

Zoltán Lubl6y		96		
P6ter Borkovics		96		
Mr6z Emese		48		
K6ldi Gerg6		48		
Orr P6ter		48		
Cs6k M6nika		48		

Course scheduling			
Course format		Weekly class appointments	
2 day per week (consulataton day and research day)		Monday 9:10 -15:10 Wednesday 9:10 -15:10	
Details of each session's type and schedule, showing the teacher's role			
Week	Date	Weekly educational content	Studio/workshop
1			-
2			-
3			-
4			-
5			-
6			-
7			-
8			-
9			-
10			-
11			-
12			-
13			-
14			-

Course completion requirements, prerequisites, and evaluation				
Students' duties				
Requirements, assignments	Form of evaluation	Evaluation criteria	Deadline	% in evaluation
Active participation in class				25%
Execution of research assignments				25%
Preparation of presentations				25%
Participation in installation activities				25%
General requirements				

Course materials and literature
Mandatory literature
Course notes and presentations
Recommended literature

Learning outcomes	
Knowledge	The student is familiar with and proficient in the processes and concepts underlying design and creative activities in the field of design and creation of objects, and the design methodology known in the field of design and creation of objects. The student will be familiar with the general and specialised fields of art history and cultural history in the social sciences. The student has a high level of knowledge and application of current forms of research methodology. The student has a high level of knowledge and application of the links between his/her field of specialisation and other artistic disciplines and other fields of specialisation, in particular economic, social and technological fields. The student understands the project management required for the design and production of unique and small series of reproducible objects in a manufacturable environment.
Skills	The student will be able to work consciously and creatively in the practice of design and object making, identifying and solving complex professional problems in design and construction. The student is able to apply his/her professional, technical and material manipulation skills to a high level in order to realise his/her design and creative ideas. The student is able to adapt progressive principles of idea development to solve specific problems of object creation. The student is able to communicate at a high level with peers and professionals about his/her own and others' design concepts, solutions and processes. The student will be able to analyse, process, manage and develop knowledge based on the knowledge acquired. The student will be able to carry out background research and experiments related to object-oriented design, to process and apply the results. The student will collaborate effectively with other disciplines in design activities. The student will be able to adapt flexibly to current social and economic changes and to react in a relevant way to challenges and phenomena.
Attitude	The student is motivated to create designs, products, works of art or to participate in joint projects with other disciplines, either with stakeholders or independently. The student is able to accept and formulate criticisms and opinions. Reacts, argues, debates, engages in dialogue and compromises in a correct manner. The student respects the ethical standards of his/her profession.
Autonomy and Responsibility	The student will think responsibly along the principles of sustainable design and ethical design.

Exemption
No exemption may be granted from participation in or completion of the course.

Curricular connections		
Subject	Parallel courses	Course proportion in subject
Subject prerequisites	Special subject prerequisites	Is it available as an elective?
		No

Guidelines and rules for the use of artificial intelligence in the course
The use of artificial intelligence at the university is subject to the Artificial Intelligence and Plagiarism Policy of the Moholy-Nagy University of Arts.

Materials needed for the course	Who provides the materials?
Material requirement – YES: metal, glass, ceramics, plaster rawmaterial	Tech Park / Programme / Student / Other

Other information, comments
<p>This course, and the activities carried out during it, fall under the scope of Section 6 (1) of the University’s Intellectual Property Management Regulations, effective September 1, 2021. Accordingly, participating students will enter into an agreement with the University in line with Section 6 (3) of the Regulations, including the transfer of economic and usage rights of intellectual creations produced during the course to the University under the terms specified in the contract. Furthermore, the student is obligated to maintain full confidentiality regarding the entire course—especially concerning the subject of the course, the activities, the works, creations, and other results, as well as the circumstances of their creation—and may not disclose, publish, or make any information public, except as otherwise specified in a signed written agreement necessary for completing the course.</p> <p>Acceptance of these conditions is a prerequisite for enrolling in the course. By selecting the 'Course Registration' option, the student acknowledges awareness of these conditions and agrees to participate in the conclusion of the relevant agreement.</p>