

Name **Science Through Craft: Material Studies**

Classroom ☐
Studio or workshop x
 External venue ☐
 Online ☐

Codes **ER-DES-262701-02**

Host **MA School**

	Type	ECTS	Contact hours	Student work	Course type	Semester	Unit
Basic info	Practice	5	4	4	practice	2026/27 fall	Craft Design and Research

Recommendation

The course is recommended primarily for students enrolled in the MA Designer-Maker program

Short Description

The aim of the Materials course is to enhance the development of craftsmanship skills and professional tools, to learn and apply traditional and the latest innovative technologies and raw materials-centred research methodology. The course helps to develop the concepts that mature during the design process and to broaden and deepen the related technological knowledge. The blocks aim to familiarise the students with the infrastructure of the chosen object-making workshops (glass, ceramics, metal) and to acquire the theoretical and practical foundations of basic technological skills and to document them.

Teachers

Name	Contact information	Short bio	Open hours
Zsolt Horváth		workshop assistant	
Emese Mráz		workshop assistant	
Balázs Nyári		workshop assistant	
Maya Magyar		workshop assistant	

Semester schedule

Course scheduling	Weekly class appointments
1 day per week	Tuesday 09:10-15:50

#	Date	Weekly educational content
1	09.08.	Introduction-materials and technology at the chosen workshop
2	09.29.	Workshop day
3	10.06.	Workshop day
4	10.27.	Workshop day
5	11.03.	Workshop day
6	11.17.	Workshop day

Requirements and evaluation

Assignments	Evaluation criteria	Deadline	% in evaluation
presence	activity		50 %
finished works and its documentation	Completion of the assignment given by the instructor, proper use of tools and machinery, and presentation of the finished object(s) to the instructor		50%

Compulsory
readings

Recommended
readings

Learnings

Knowledge	Increasing knowledge of materials, learning about material working processes, orientation between crafts, knowledge of material manipulation processes, learning about the functioning of workshops, getting to know professionals, understanding the processes of object creation
Skills	
Attitude	
Responsibility	

Exemption

- ☒ Exemption from attending and completing the course cannot be granted
☐ Exemption may be granted from the acquisition of certain competencies and the fulfilment of tasks
☐ Some tasks can be substituted with other activities,
☐ A full exemption can be granted

Curriculum
connections

Unit	Parallel courses	Course proportion in unit
Craft Design and Research	Material Studies	20%
	Craft Talk	14%
	Applied or Autonomous Art Practices	66 %

Course prerequisites	Is it available as an elective?	Prerequisites in case of elective

Misc.
information