

Curriculum

NTF › IGT › Study › Master's Degree › Graphic and Interactive Communication (MAG) › Curriculum

Course	Hours					ECTS
	L	S	P	O	Σ	
1st semester	0	0	0	0	450	30
Basic optional course 1	0	0	0	0	90	6
Basic optional course 2	0	0	0	0	90	6
Optional course 1	0	0	0	0	90	6
Optional course 2	0	0	0	0	90	6
Optional course 3	0	0	0	0	90	6
2nd semester	210	225	0	15	450	30
Environmental management	60	30	0	0	90	6
Marketing management of companies	45	45	0	0	90	6
Innovation management	45	30	0	15	90	6
Quality management processes	30	60	0	0	90	6
Research seminar	30	60	0	0	90	6
TOTAL	210	225	0	15	900	60

Basic optional courses	Hours					ECTS
	L	S	P	O	Σ	
Artistic analysis of graphic products 2	30	30	30	0	90	6
Numerical methods	45	0	45	0	90	6
Mathematics	45	0	45	0	90	6
Organic chemistry	45	15	30	0	90	6

Optional courses	Hours					ECTS
	L	S	P	O	Σ	
Human language technologies	30	15	30	15	90	6
Barrier properties of packaging materials and systems	45	30	0	15	90	6
Interactive media 2	30	30	0	30	90	6
Typography theory	45	45	0	0	90	6
Photography basics	30	15	45	0	90	6
Creative typography	0	60	0	30	90	6
Artistic photography	30	15	45	0	90	6
Integration of design and technology	15	30	30	15	90	6
Information visualisation	15	30	30	15	90	6
Methods for characterising graphic products	30	30	30	0	90	6
Modelling graphic process	30	0	30	30	90	6
Halftoning theory	30	15	30	15	90	6
Colour reproduction theory	30	30	30	0	90	6
Quality factors in printing	30	15	30	15	90	6
User interfaces	45	30	0	15	90	6
Advanced computer graphic and visualisations	30	30	30	0	90	6
Interactive systems 2	30	15	30	15	90	6

Abbreviations used for the syllabus:

L – lectures


S – seminar

P – practice

O – other forms of educational activities (mainly project work)

ECTS – European Credits Transfer System (1 credit point equals a 30-hour student workload)








Grey – Grey written courses are not carried out in this academic year

 Published curriculum is valid for academic year 2023/2024. Curriculums from previous year can be accessed [via link](#).

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Advised combinations of optional courses:

-  Typography theory, Photography basics, Creative typography, Artistic photography, Integration of design and technology, Information visualisation, User interfaces, Advanced computer graphic and visualisations,
-  interactive media 2
-  interactive media 2, User interfaces, Advanced computer graphic and visualisations, Interactive systems 2,
-  Information visualisation, Human language technologies, Typography theory, Photography basics
-  Methods for characterising graphic products, Quality factors in printing, Modelling graphic process, Barrier
-  Properties of packaging materials and systems, Integration of design and technology, Interactive systems 2
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