

Zagreb, October 1<sup>st</sup> 2022

## Postgraduate university study programme Graphic Engineering and Graphic Product Design

### I semestre

	Lecturer	Course code	Course name	No of lectures/ ECTS
1	Maja Strgar Kurečić	PDS101	Colour management in digital systems	15-4
2	Željka Barbarić-Mikočević Mirela Rožić	PDS102	Chemical analysis of graphic materials	20-5
3	Ivana Bolanča Mirković	PDS104	Nanotechnology and the environment	30-7
4	Igor Zjakić	PDS105	Raster elements in printing	20-5
5	Katarina Itrić Ivanda	PDS107	Interaction of electromagnetic radiation with printing substrates	30-7
6	Aleš Hladnik	PDS108	Modern statistical methods in natural sciences and engineering	20-5
7	Sanja Mahović Poljaček	PDS109	Advanced digital imaging processes on printing plates	25-6
8	Nikola Mrvac	PDS110	Presentation of information	30-7
9	Igor Majnarić	PDS111	Quality control	30-7
10	Ivana Žiljak Stanimirović Gjoko Muratovski	PDS113	Computer typography	30-7
11	Mile Matijević	PDS116	Qualitative research in graphic technology	25-6
12	Marin Milković	PDS117	Methodology of scientific research	20-5
13	Damir Modrić Ivan Budimir	PDS115	Operation research	25-6
14	Mario Tomiša	PDS114	Marketing communication management	30-7

## II semestre – Graphic engineering

	Lecturer	Course code	Course name	No of lectures/ ECTS
1	Lidija Mandić	PDS201	Models for image reproduction in various media	15-4
2	Dubravko Banić	PDS202	Optimization of construction parameters of printing machines	20-5
3	Ivana Bolanča Mirković	PDS219	Paper and environmental protection	30-7
4	Katarina Itrić Ivanda Damir Modrić	PDS203	Physical principles of non-destructive measurement in graphic reproduction	30-7
5	Marica Ivanković	PDS205	Physical and chemical properties of polymeric materials	30-7
6	Marina Vukoje Mirela Rožić	PDS206	Polymerization processes	20-5
7	Sonja Jamnicki Hanzer Rahela Kulčar	PDS208	Packaging materials	15-4
8	Branka Lozo	PDS209	Non-destructive testing/ measurement in graphic technology	20-5
9	Tadeja Muck	PDS210	Interaction of printing materials: methods and investigation	30-7
10	Denis Jurečić Jesenska Pibernik	PDS217	Packaging: duties and requirements	20-5
11	Klaudio Pap	PDS212	Graphic web technologies	20-5
12	Đurđica Osterman Parac	PDS213	Physical and chemical properties of printing inks	20-5
13	Suzana Pasanec Preprotić	PDS218	History of bookbinding	20-5
14	Igor Zjakić Irena Bates	PDS216	Advanced printing systems	20-5
15	Vilko Žiljak	PDS226	Digital image processing	30-7
16	Jana Žiljak Gršić	PDS223	Society, science and technology	20-5
17	Klaudio Pap	PDS224	Multimedia communications	30-7
18	Tibor Skala	PDS225	Multimedia broadband networks	30-7
19	Sanja Mahović Poljaček	PDS215	Electrochemical methods in graphic technology	20-5

## II semestre – Graphic Product Design

	Lecturer	Course code	Course name	No of lectures/ ECTS
1	Dubravko Banić	PDS301	Visualisation in graphic design	20-5
2	-	PDS302	Virtual people	20-5
3	Maja Brozović	PDS303	Methodology of graphic presentation	20-5
4	Vanda Jurković	PDS304	Graphic structures	30-7
5	Diana Milčić	PDS306	Design theory	20-5
6	Diana Milčić	PDS307	User interface design	20-5
7	Klementina Možina	PDS308	Principles of typography	30-7
8	Jurica Dolić Jesenska Pibernik	PDS309	Digital space design	20-5
9	Ivana Žiljak Stanimirović	PDS310	Security graphics	20-5
10	Miroslav Mikota	PDS312	Graphic design of media campaigns	30-7
11	Nikola Mrvac	PDS311	Graphic communication	30-7