Postgraduate university study programme in graphic engineering and graphic product modeling

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 Igor Majnarić	PDS105	Raster elements in printing	20-5
5	Ivana Bolanča Mirković	PDS106	New technologies and the environment	30-7
6	Vesna Džimbeg – Malčić	PDS107	Interaction of electromagnetic radiation with printing substrates	30-7
7	Aleš Hladnik	PDS108	Contemporary statistical methods in natural sciences and engineering	20-5
8	Sanja Mahović Poljaček	PDS109	Advanced digital imaging processes on printing plates	25-6
9	Nikola Mrvac	PDS110	Information presentation	30-7
10	Vedran Mudronja	PDS111	Quality management	30-7
11	Karolj Skala	PDS112	Multimedia systems	25-6
12	Ivana Žiljak Stanimirović	PDS113	Computer typography	30-7
13	Mile Matijević	PDS116	Qualitative research in graphic technology	25-6
14	Marin Milković	PDS117	Methodology of scientific research	20-5
15	Damir Modrić	PDS115	Operational research	25-6
16	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	Vesna Džimbeg – Malčić Damir Modrić	PDS203	Physical principles of non-destructive measurement in graphic reproduction	30-7
4	Marica Ivanković	PDS205	Physical and chemical properties of polymeric materials	30-7
5	Jasenka Jelenčić	PDS206	Polymerization processes	20-5
6	Antun Koren	PDS207	Information security in printing	15-4
7	Sonja Jamnicki	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	Branka Lajić Jesenka 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	Karolj Skala	PDS214	Multimedia network technologies	25-6
15	Igor Zjakić Irena Bates	PDS216	Advanced printing systems	20-5
16	Vilko Žiljak	PDS226	Digital image processing	30-7
17	Jana Žiljak Vujić	PDS223	Society, science and technology	20-5
18	Klaudio Pap	PDS224	Multimedia communications	30-7
19	Tibor Skala	PDS225	Multimedia broadband networks	30-7
20	Sanja Mahović Poljaček	PDS215	Electrochemical methods in graphic technology	20-5

II semestre – Graphic product modeling

	Lecturer	Course code	Course name	No of lectures/ ECTS
1	Dubravko Banić	PDS301	Visualisation in graphic design	20-5
2	Sanja Bjelovučić Kopilović	PDS302	Virtual people	20-5
3	Maja Brozović	PDS303	Methodology of graphic presentation	20-5
4	Maja Brozović	PDS304	Graphic structures	30-7
5	Nina Knešaurek	PDS305	Colorimetry methods in graphic reproduction	15-4
6	Diana Milčić	PDS306	Design theory	20-5
7	Diana Milčić	PDS307	User interface design	20-5
8	Klementina Možina	PDS308	Principles of typography	30-7
9	Jesenka Pibernik	PDS309	Digital space design	20-5
10	Ivana Žiljak Stanimirović	PDS310	Security graphics	20-5
11	Miroslav Mikota	PDS312	Graphic design of media campaigns	30-7
12	Nikola Mrvac	PDS311	Graphic communication	30-7