

Zagreb, srpanj 2018.

Postgraduate university study programme in graphic engineering and graphic 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 | Vesna Džimbeg – Malčić | 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 | 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 | Vesna Džimbeg – Malčić 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 | Mirela Rožić | PDS206 | Polymerization processes | 20-5 |
| 7 | Sonja Jamnicki Hanzer | 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 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 design

| | 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 | 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 | 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 |