Bachelor Program: 4 years

Institute: Institute of Applied Information Technologies & Communication

Study Program: Design

Profile: Industrial Design

Language of Training: Russian

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **№** | **Subject** | **Semester** | **Hours** | **Credits** |
| B.1.1.1 | History | 1 | 72 | 2 |
| B.1.1.1 | History | 2 | 72 | 2 |
| B.1.1.2 | Philosophy | 5 | 108 | 3 |
| B.1.1.3 | Foreign language | 1 | 108 | 3 |
| B.1.1.3 | Foreign language | 2 | 108 | 3 |
| B.1.1.3 | Foreign language | 3 | 72 | 2 |
| B.1.1.4 | Russian language and speech culture | 2 | 72 | 2 |
| B.1.1.5 | History of Arts | 1 | 108 | 3 |
| B.1.1.6 | Academic Drawing | 1 | 144 | 4 |
| B.1.1.6 | Academic Drawing | 2 | 144 | 4 |
| B.1.1.7 | Academic painting | 3 | 144 | 4 |
| B.1.1.7 | Academic painting | 4 | 144 | 4 |
| B.1.1.8 | Academic sculpture and plastic modeling | 5 | 144 | 4 |
| B.1.1.8 | Academic sculpture and plastic modeling | 6 | 144 | 4 |
| B.1.1.9 | Technical Drawing | 1 | 108 | 3 |
| B.1.1.10 | Propaedeutics | 1 | 72 | 2 |
| B.1.1.10 | Propaedeutics | 2 | 108 | 3 |
| B.1.1.11 | Fundamentals of production skills | 3 | 144 | 4 |
| B.1.1.11 | Fundamentals of production skills | 4 | 144 | 4 |
| B.1.1.11 | Fundamentals of production skills | 5 | 180 | 5 |
| B.1.1.12 | Designing | 6 | 288 | 8 |
| B.1.1.12 | Designing | 7 | 324 | 9 |
| B.1.1.12 | Designing | 8 | 324 | 9 |
| B.1.1.13 | Artistic and graphic composition | 4 | 108 | 3 |
| B.1.1.14 | Computer animation | 5 | 144 | 4 |
| B.1.1.15 | Design history | 1 | 108 | 3 |
| B.1.1.16 | Operating safety  | 7 | 72 | 2 |
| B.1.1.17 | Special drawing | 3 | 108 | 3 |
| B.1.1.18 | Computer tools for creating and processing vector graphics | 1 | 108 | 3 |
| B.1.1.19 | Computer tools for processing raster images | 2 | 144 | 4 |
| B.1.1.20 | Color science and coloristics | 2 | 108 | 3 |
| B.1.1.21 | Project management in design | 7 | 144 | 4 |
| B.1.1.22 | Information technology | 1 | 144 | 4 |
| B.1.1.22 | Information technology | 2 | 144 | 4 |
| B.1.1.23 | Computer technologies of three-dimensional graphics | 4 | 144 | 4 |
| B.1.1.23 | Computer technologies of three-dimensional graphics | 5 | 144 | 4 |
| B.1.1.24 | Physical culture and sports | 1 | 72 | 2 |
| B.1.2.1 | Psychology | 6 | 108 | 3 |
| B.1.2.2 | Foreign language for business communication | 4 | 108 | 3 |
| B.1.2.2 | Foreign language for business communication | 5 | 108 | 3 |
| B.1.2.3 | Economy | 4 | 108 | 3 |
| B.1.2.4 | Ergonomics | 6 | 108 | 3 |
| B.1.2.5 | Information systems of design engineering | 7 | 144 | 4 |
| B.1.2.5 | Information systems of design engineering | 8 | 216 | 6 |
| B.1.2.6 | Materials Science in Industrial Design | 7 | 180 | 5 |
| B.1.2.7 | Fundamentals of design of transport and technological systems | 5 | 108 | 3 |
| B.1.2.8 | Basics of project graphics | 3 | 144 | 4 |
| B.1.2.9 | Technical mechanics | 5 | 108 | 3 |
| B.1.2.10 | Theory of inventive problem solving in industrial design | 6 | 144 | 4 |
| B.1.3.1.1 | Cultural studies | 4 | 72 | 2 |
| B.1.3.1.2 | Foreign culture | /4 | /72 | /2 |
| B.1.3.2.1 | The rule of law and modernity | 3 | 72 | 2 |
| B.1.3.2.2 | Legal culture | /3 | /72 | /2 |
| B.1.3.3.1 | Typography and infographics | 3 | 108 | 3 |
| B.1.3.3.2 | Fonts in design | /3 | /108 | /3 |
| B.1.3.4.1 | Heuristics and meaning formation in design | 3 | 72 | 2 |
| B.1.3.4.2 | Methods of creative search for ideas | /3 | /72 | /2 |
| B.1.3.5.1 | Basics of composition | 4 | 108 | 3 |
| B.1.3.5.2 | Fundamentals of composition in design | /4 | /108 | /3 |
| B.1.3.6.1 | Bionics | 3 | 144 | 4 |
| B.1.3.6.2 | Natural form and structure formation | /3 | /144 | /4 |
| B.1.3.7.1 | Quality assessment and patenting | 7 | 216 | 6 |
| B.1.3.7.2 | Metrology, standardization and certification | /7 | /216 | /6 |
| B.1.3.8.1 | Sports games | 2 | 82 | 0 |
| B.1.3.8.1 | Sports games | 3 | 82 | 0 |
| B.1.3.8.1 | Sports games | 4 | 82 | 0 |
| B.1.3.8.1 | Sports games | 5 | 38 | 0 |
| B.1.3.8.1 | Sports games | 6 | 44 | 0 |
| B.1.3.8.2 | Recreational physical culture | /2 | /82 | 0 |
| B.1.3.8.2 | Recreational physical culture | /3 | /82 | 0 |
| B.1.3.8.2 | Recreational physical culture | /4 | /82 | 0 |
| B.1.3.8.2 | Recreational physical culture | /5 | /38 | 0 |
| B.1.3.8.2 | Recreational physical culture | /6 | /44 | 0 |
|  | **Total** |  | **7672** | **204** |