**Techno India University**

**BFA in Digital Filmmaking & VFX**

**Duration of the Programme: 4 Years Full-time (8 semesters)**

**Course Matrix**

**Semester I**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Course Code** | **Course Title** | **Contact Hrs. / Week** | | | **Credit** |
| **L** | **T** | **P** |
| **Theory** | | | | | |
| TIUBFA-101 | English | 3 | 0 | 0 | 3 |
| TIUBFA-102 | Introduction to History of Art | 3 | 0 | 1 | 4 |
| TIUBFA-103 | Introduction to Cinema & Film Appreciation | 3 | 0 | 1 | 4 |
| **Practical** | | | | | |
| TIUBFA-104 | Basics of Photography | 2 | 0 | 2 | 4 |
| TIUBFA-105 | Basics of Practical Filmmaking | 0 | 0 | 4 | 4 |
| **Total Credits** | | | | | **19** |

**Semester II**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Course Code** | **Course Title** | **Contact Hrs. / Week** | | | **Credit** |
| **L** | **T** | **P** |
| **Theory** | | | | | |
| TIUBFA-201 | Communication English | 3 | 0 | 0 | 3 |
| TIUBFA-202 | Writing for Visual Media | 3 | 0 | 0 | 3 |
| **Theory & Practical** | | | | | |
| TIUBFA-203 | Concept of  Story Boarding | 3 | 0 | 1 | 4 |
| TIUBFA-204 | Production Design | 2 | 0 | 1 | 3 |
| TIUBFA-205 | Basics of Cinematography – I | 1 | 0 | 2 | 3 |
| TIUBFA-206 | Basics of Documentary Film Making | 0 | 0 | 4 | 4 |
| **Total Credits** | | | | | **20** |

**Semester III**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Course Code** | **Course Title** | **Contact Hrs. / Week** | | | **Credit** |
| **L** | **T** | **P** |
| **Theory & Practical** | | | | | |
| TIUBFA-301 | Introduction  to Direction for Television | 1 | 1 | 2 | 4 |
| TIUBFA-302 | Importance of Sound & Sound Special Effects | 1 | 1 | 2 | 4 |
| TIUBFA-303 | Editing Concepts | 1 | 0 | 3 | 4 |
| TIUBFA-304 | Concepts of Post Production & Computer Graphics -  I | 1 | 0 | 2 | 3 |
| TIUBFA-305 | Basics of  Cinematography – II | 1 | 0 | 3 | 4 |
| TIUBFA-306 | Intermediate Practical Film Making | 0 | 0 | 3 | 3 |
| **Total Credits** | | | | | **22** |

**Semester IV**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Course Code** | **Course Title** | **Contact Hrs. / Week** | | | **Credit** |
| **L** | **T** | **P** |
| **Theory & Practical** | | | | | |
| TIUBFA-401 | Introduction to Direction For Films | 1 | 1 | 2 | 4 |
| TIUBFA-402 | Introduction to Media Theory | 2 | 0 | 1 | 3 |
| TIUBFA-403 | Concepts of Post Production & Computer Graphics – II | 1 | 1 | 2 | 4 |
| TIUBFA-404 | Visual Special Effects & Compositing | 1 | 1 | 1 | 3 |
| TIUBFA-405 | Understanding Advertisement Film Making | 1 | 1 | 1 | 3 |
| TIUBFA-406 | Intermediate Documentary Film Making | 0 | 0 | 3 | 3 |
| **Total Credits** | | | | | **20** |

**Semester V**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Course Code** | **Course Title** | **Contact Hrs. / Week** | | | **Credit** |
| **L** | **T** | **P** |
| **Theory & Practical** | | | | | |
| TIUBFA-501 | VFX Preproduction | 2 | 0 | 1 | 3 |
| TIUBFA-502 | Digital Compositing -I | 2 | 0 | 2 | 4 |
| TIUBFA-503 | Rotoscopy and Keying | 2 | 0 | 2 | 4 |
| TIUBFA-504 | Character Effects | 2 | 0 | 2 | 4 |
| TIUBFA-505 | Shading, Lighting and Rendering - I | 2 | 0 | 2 | 4 |
| TIUBFA-506 | 3D Lab I | 0 | 0 | 3 | 3 |
| **Total Credits** | | | | | **22** |

**Semester VI**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Course Code** | **Course Title** | **Contact Hrs. / Week** | | | **Credit** |
| **L** | **T** | **P** |
| **Theory** | | | | | |
| TIUBFA-601 | VFX Pipeline and Management | 4 | 0 | 0 | 4 |
| **Theory & Practical** | | | | | |
| TIUBFA-602 | Digital Compositing -II | 2 | 0 | 2 | 4 |
| TIUBFA-603 | Paint and Match Moving | 2 | 0 | 2 | 4 |
| TIUBFA-604 | 3D Dynamics | 2 | 0 | 2 | 4 |
| TIUBFA-605 | Shading, Lighting and Rendering - II | 2 | 0 | 2 | 4 |
| TIUBFA-606 | 3D Lab - II | 0 | 0 | 3 | 3 |
| **Total Credits** | | | | | **23** |

**Semester VII**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Course Code** | **Course Title** | **Contact Hrs. / Week** | | | **Credit** |
| **L** | **T** | **P** |
| **Theory / Practical** | | | | | |
| TIUBFA-701 | Media Laws – An Overview | 2 | 1 | 0 | 3 |
| TIUBFA-702 | Overview - Media and New Media Business | 3 | 0 | 0 | 3 |
| TIUBFA-703 | Basics of  Marketing & Publicity Design | 2 | 0 | 2 | 4 |
| TIUBFA-704 | Introduction  to Media ‘Project Management’ | 2 | 1 | 1 | 4 |
| TIUBFA-705 | Introduction  to New Media and Technology | 2 | 1 | 0 | 3 |
| TIUBFA-706 | Advanced Practical Film Making | 0 | 0 | 3 | 3 |
| **Total Credits** | | | | | **20** |

**Semester VIII**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Course Code** | **Course Title** | **Contact Hrs. / Week** | | | **Credit** |
| **L** | **T** | **P** |
| **Practical** | | | | | |
| TIUBFA-801 | Final Project [Portfolio & Thesis] | 0 | 0 | 10 | 10 |
| Viva | 0 | 0 | 2 | 2 |
| Project Report | 0 | 0 | 4 | 4 |
| **Total Credits** | | | | | **16** |

**Total Credits: 162**