



### **Course Description**

#### **GRA0465 | Digital Graphic Painter | 4.00 credits**

Students, working from photographs, represent the natural world on the newest artistic media: the personal computer. Fractal Design's Painter software enables student to use a wide variety of digital tools and surfaces to create electronic illustrations.

### **Course Competencies**

**Competency 1:** The student will demonstrate proficiency in using Fractal Design's Painter software by:

1. Exploring the various digital tools and surfaces available in the software
2. Experimenting with different brush types and settings to achieve desired effects
3. Manipulating layers to create complex compositions
4. Implementing color theory principles to enhance digital illustrations
5. Troubleshooting common issues encountered while using the software

**Competency 2:** The student will develop skills in representing the natural world digitally by:

1. Analyzing photographs to understand composition, lighting, and color
2. Translating photographic elements into digital illustrations
3. Applying techniques to replicate natural textures and details
4. Experimenting with different styles and approaches to digital painting
5. Evaluating the effectiveness of digital tools in capturing the essence of the natural world

**Competency 3:** The student will apply digital illustration techniques through hands-on projects by:

1. Creating a series of digital illustrations based on photographs of natural scenes
2. Developing workflows that streamline the digital painting process
3. Implementing advanced features of Painter software to enhance illustrations
4. Critiquing peer work to provide constructive feedback and improve skills
5. Adapting techniques to different types of natural subjects, such as landscapes, flora, and fauna

**Competency 4:** The student will synthesize knowledge of digital art and natural representation by:

1. Producing a portfolio showcasing a range of digital illustrations of the natural world
2. Presenting and defending artistic choices in a professional setting
3. Analyzing the quality and impact of digital illustrations compared to traditional media
4. Creating comprehensive project plans that outline the steps and techniques used in digital illustration
5. Developing guidelines for best practices in digital painting using Fractal Design's Painter software

### **Learning Outcomes:**

- Communicate effectively using listening, speaking, reading, and writing skills
- Solve problems using critical and creative thinking and scientific reasoning
- Formulate strategies to locate, evaluate, and apply information
- Demonstrate an appreciation for aesthetics and creative activities