

Master Scientific Illustration

Unique in Europe!

One image tells more than a thousand words

It is not surprising that in biomedical sciences traditionally illustrations are created to enable communication between scientist and author, teacher and student, or physician and patient. Art and science come together in scientific illustration.

Best of two top universities

The Master Scientific Illustration is an international study programme in which you will meet students from European countries and beyond. Unique in Europe. It is a cooperation between the Faculty of Arts at Zuyd University of Applied Science in Maastricht and the Faculty of Health, Medicine and Life Sciences at Maastricht University.

Your future expertise

When you graduate, you are a specialist who makes accurate visualisations of topics from the clinical, medical and biological domain. You have the skills to use a wide range of traditional and digital visualisation techniques.

Training in technical skills

Your training has a strong emphasis on the application of conventional imaging techniques in conjunction with photography, video and computer techniques for accurate two-dimensional display of three-dimensional structures. Additional training in digital three-dimensional reconstruction and modelling is given in workshops. You acquire a broad theoretical basis as well as practical experience in working with medical techniques such as dissection, processing of microscopic and macroscopic serial sections and working with medical imaging techniques such as Computed Tomography (CT) and Magnetic Resonance Imaging (MRI).



Credits	120 EC.
Requirements:	bachelor degree, sufficient motivation, talent in drawing, research attitude.
Language:	English
Duration:	full-time: 2 years
Tuition fee:	Link tuition fee
Deadline for application:	Before first of May.
Start:	Yearly in September.
Location:	Maastricht, the Netherlands.

Becoming a scientific storyteller

To be able to create a scientifically correct image, you must not only be a good craftsman, but also an outstanding 'storyteller' and communicator. You must be capable of communicating with specialists from different scientific fields, understanding the scientific problem and then be able to convert it into visualisation for a specific target audience. Creating images for patient education requires a different approach than creating images for a group of medical specialists. For this reason you will not only be trained in anatomy and medical nomenclature but you'll also be guided in the field of communication. Furthermore, by means of practical assignments (including illustrating a surgical procedure) you will build up experience in making abstractions and schematisations of the reality to create an image that tells the scientific story in the best possible way.



Maastricht University

**Zuyd University
of Applied Sciences**

**ZU
YD**

The programme

The teaching programme consists of three themes:

- Man
- Animal
- Human and Animal Surgery

Each of the themes consists of three to five components and each component involves one or more assignments, which deal with various aspects of scientific illustration and in which various traditional visualisation techniques are practised and applied. The assignments are graded in terms of complexity, leading up to the level required for professional practice.

Final examination

The programme ends with a final examination, consisting of two components:

1. A graduation project in which you write, illustrate and design a publication.
2. An oral examination.

In addition, you exhibit your work in a graduation exhibition and you compose a portfolio of representative artworks you produced during the programme. The publication and the portfolio serve as masterpiece that helps you to find work in a professional practice.

Lecturers

A small team of dedicated professionals, who all have their own specialism (like scientific and medical illustration, anatomy, software, facial reconstruction etc.), will train you. Input from their work experience and their involvement in issues from the professional practice keep the programme up-to-date, educationally justified and closely connected to this professional practice. They all regularly publish imagery, contribute to congresses and take part in the debate about the profession of scientific and medical illustration. External professional experts

contribute as guest speakers in lectures, workshops and in the final graduation projects.

Admission requirements

Previous education: bachelor degree.

Additional requirements: you will have to display sufficient motivation and talent in drawing. Also a research attitude is required.

Admission procedure

As soon as we receive your registration we will invite you for the admission procedure, which consists of the following two phases.

Phase 1:

- A preselection based on a home assignment and your digital portfolio.

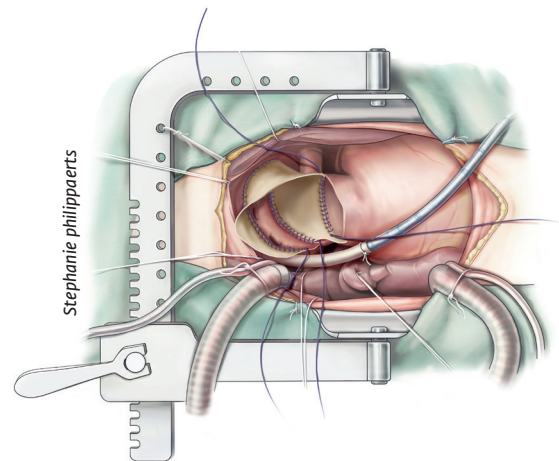
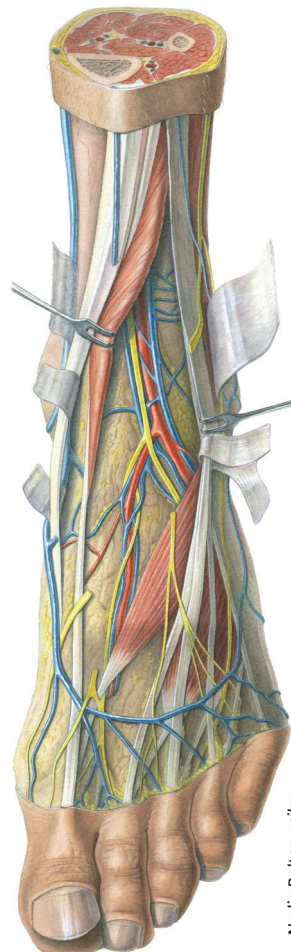
Phase 2:

- A motivation interview and evaluation of your portfolio.
- A practical assignment.

When you pass the preselection (1) we will invite you for an online interview, in which we will determine whether you are suitable for the programme. (2). We will ask you some questions and we will discuss your artwork. And above all you will be able to ask questions to us about the programme. The final part is a practical assignment, that will be explained during the online meeting.

How to apply

To apply you have to register on www.studielink.nl, the national information system for Dutch universities. In case you are not a citizen of a EU/EER country, your diplomas need to be verified by an institution in the Netherlands called Nuffic (see www.nuffic.nl for information). Deadline for application is the first of May. After you have registered in studielink.nl, you will receive the instructions for the admission procedure by email.



Contact

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