



## Medical Imaging and Radiation Therapy

### Programme in brief

If you choose the English stream of the Dutch MBRT HBO applied science study programme in Eindhoven, you will take part in a four year bachelor study programme qualifying you to become a professional in medical imaging and radiotherapy. You will learn everything about imaging in radio-diagnostics, radiotherapy, ultrasound and nuclear medicine. For example, you will learn how to prepare patients for an examination, learn how to take and archive photos, scans and echoes, document and save the data. Or, as an example, you make a radiation plan for a cancer patient. After graduating you can work in Radiology, Ultrasound, Nuclear Medicine or Radiotherapy departments of hospitals but also in business or commerce.

### Content of the programme

This bachelor programme Medical Imaging and Radiation Therapy (MIRT HBO applied science) is a four year (full time study) programme. In these four years you will use medical equipment to prepare, execute and process visual imaging research and treatment. You will be trained to be the professional link between technology, safety and patient care. During the training you will learn how the human body functions, which examination you can perform when presented with a clinical case, which equipment you should use for diagnosis or treatment, and how these devices

### What to expect from us

We will teach you everything about medical imaging in radio diagnostics, radiotherapy, ultrasound and nuclear medicine. You will learn how to use the equipment, communicate medical and technical results and findings and to plan treatments. We will provide thorough supervision by our study career counselors, whom you can always contact. The programme is designed so that you learn independently, as well as in groups.

### What do we expect from you

You have a passion for the technical professions in health care and you find it important to interact with people. Good communication skills are essential to achieve this.

It is important that you are self-assured, as you undoubtedly will be working with (seriously) sick people.

Also, innovative technical developments appeal to you, and you like the challenge of applying these, for example, in providing patients with the optimal diagnosis and treatment.

Due to the technical nature of the course, it is important that you are sufficiently proficient in mathematics and physics.

Intake  
September

Degree  
Bachelor

Education form  
Full-time

Places  
Eindhoven

Language of study  
English


### Contact

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SCHOOL FOR  
ALLIED HEALTH  
PROFESSIONS

## The Fontys way of studying

We believe that it is important that not only our education should be of high quality, but that all of the associated conditions and facilities for studying with us are also good. Therefore, we also invest in matters such as the quality of the teaching and examination schedules, the provision of prompt feedback in relation to testing and assignments, the optimal registration of study progress, good information facilities and the accessibility of our teaching staff.

Within the Course Department and the Institute, you will encounter an open and informal atmosphere, which should allow you to find your way quite easily and you should also find it easy to make contact with your fellow students and your Tutors.

## Why study at Fontys?

There is a good balance between practical and theoretical study, with a strong emphasis on practical work. We offer excellent studying facilities and the classes you study in are small, which provides a supportive and motivating learning environment.

We work with real patients so you can interview, assess and practice on them. The students work well together, helping each other with practical aspects of the course and various assignments. The University has excellent facilities for sport activities. The sport centre opposite the Fontys building offers a wide variety of sports so everyone can find an activity and membership is affordable.

Eindhoven is a nice student town, which combines its dynamic character with a safe and cosy atmosphere. These elements and the easy going southern character of the people help you to feel at home in this town what makes studying a lot more attractive.

## Finance your study

Costs for the year 2022 - 2023

- EEA\* students EUR 1.104
- NON-EEA EUR 8.330\*\*
- Additional costs relating to books and readers are not included in the tuition fees

\* EEA countries are described on [fontys.edu/](http://fontys.edu/) (tuition fees)

\*\* To determine the exact amount of your tuition fees, please utilise the Tuition Fee Wizard on [fontys.edu/](http://fontys.edu/) (tuition fees).

## Admission requirements

As a prospective student for the Medical Imaging and Radiation Therapy English stream programme you must have a diploma of (senior) secondary general education or (senior) secondary vocational education that is equivalent to Dutch standards. The diploma and list of grades of your previous education will be evaluated to determine if you are admissible based on this diploma.

## Open days

## How to apply

For instructions regarding the application and selection procedure, please refer to [fontys.edu/mirt](http://fontys.edu/mirt) and choose "How to apply."

## Accommodation

It is not always easy for international students to find accommodation in the Netherlands. It is possible to apply for accommodation through Fontys for the first period. Although Fontys does not have its own campus dorms, it has established a cooperation with a number of different housing agencies and landlords.

**This study is officially registered as bachelor study pMedical Imaging and Radiation Therapy. After successful completion, you will be awarded with a Bachelor degree of Science.**

