

# MASTER OF SCIENCE IN ADVANCED DENTISTRY (ENDODONTICS)

60 ECTS CREDITS - LANGUAGE: ENGLISH

## WHAT

Endodontics is the branch of dentistry that is concerned with the morphology, physiology, and pathology of the dental pulp and periradicular tissues. Its study and practice encompass the basic and clinical sciences, including biology of the normal pulp; the etiology, diagnosis, prevention, and treatment of diseases and injuries of the pulp; and associated periradicular conditions.

The content is based on scientific literature, clinical research, biological research and extensive clinical training. In addition, a master's dissertation is written and the original data of the dissertation will be presented during an international congress.

Another important part of the programme is the preclinical and clinical training. The clinical skills are developed and trained in the Permanent Training Programme. Preclinical exercises focus on the use of magnification especially microscope for non-surgical and surgical treatment, the use of endodontic technology which is not used or limitedly used in general practice for conventional or non-surgical endodontic (re)treatment, laser dentistry, and surgical endodontics. During clinical training attention is paid to diagnosis, management, and treatment of patients with a more complicated endodontic treatment need. The students will have to deal with medically compromised patients with complicated endodontic (re) treatment needs, dento-alveolar traumatology, difficult interdisciplinary cases, complicated emergency treatment, and cases demanding a fistulative, periradicular or corrective surgical approach.

At the end of the 3 year programme students have to pass a final clinical exam with an external examiner, who is also involved in the training of endodontists at another university.

## STRUCTURE

The master contains 60 credits and is divided over 3 years and is combined with clinical training (120 credits). The specialisation is scientifically supported with the obligatory master's dissertation which should be publishable in a A1 journal.

Courses are given in English but students are required to obtain proficiency in Dutch prior to treating patients in the clinical programme.

## LABOUR MARKET

The master's programme in Advanced Dentistry educates dentists in an extensive and thorough manner in all aspects of the specialization, in accordance with the highest European criteria. You work independently or in an association with other dental specialists from diverse disciplines. Or you choose to teach in your subject or perform scientific research in that field.

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## ADMISSION REQUIREMENTS FOR INTERNATIONAL DEGREE STUDENTS

International students with a master's degree in Dentistry interested to join the master programmes in Advanced Dentistry should apply by sending curriculum vitae and motivational letter to the program director.

Information on admission requirements and the administrative procedure for admission on the basis of a diploma obtained abroad, can be found on the following page: [www.ugent.be/prospect/en/administration/enrolment-or-registration](http://www.ugent.be/prospect/en/administration/enrolment-or-registration).

## Tuition fee

More information is to be found on: [www.ugent.be/tuitionfee](http://www.ugent.be/tuitionfee)

## Contact

Curriculummanager:  
[mieke.decockere@ugent.be](mailto:mieke.decockere@ugent.be)

Endodontics:  
[maarten.meire@ugent.be](mailto:maarten.meire@ugent.be)  
Paediatric Dentistry and Special Care:  
[sivaprakash.rajasekharan@ugent.be](mailto:sivaprakash.rajasekharan@ugent.be)  
Orthodontics:  
[guy.depauw@ugent.be](mailto:guy.depauw@ugent.be)  
Periodontics:  
[jan.cosyn@ugent.be](mailto:jan.cosyn@ugent.be)

## LANGUAGE REQUIREMENTS

Language requirements Dutch: no language requirements  
English: CEFR level B2

The language requirements for this study programme can be found on: [www.ugent.be/languagerequirements](http://www.ugent.be/languagerequirements)

## PRACTICAL INFORMATION

### Study programme

[studiekiezer.ugent.be/master-of-science-in-advanced-dentistry-endodontics-en/programma](http://studiekiezer.ugent.be/master-of-science-in-advanced-dentistry-endodontics-en/programma)

### Information sessions

#### Graduation Fair

[afstudeerbeurs.ugent.be/en/students/further-studies](http://afstudeerbeurs.ugent.be/en/students/further-studies)

### Enrolling institution

Information on enrolment at Ghent University.

### Application Deadline (for International degree students)

For students who **need a visa**: 1st of April

For students who **do not need a visa**: 1st of June

[Read more](#)

Prior to the application students need to have a letter of acceptance by the program director and should be registered before 1st February.