

University Master's Degree in Endodontics (official) + Lifelong Learning Master's Degree in Advanced Endodontics



The endodontics programme is made up of the “University Master’s Degree in Endodontics” (official) of 120 ECTS and the “Lifelong Learning Master’s Degree in Advanced Endodontics” of 60 ECTS.

Throughout this programme the student will acquire the most advanced skills in this area and will know how to perform complex treatments such as non-surgical root canal retreatment, endodontic microsurgery, intentional reimplantation and reconstruction of endodontically treated teeth.

Endodontics is a clinical discipline that covers microbiology, biology, biomaterials, tissue engineering, epidemiology and clinical techniques to cure or prevent pulpal and pulpo-periapical diseases.

The programme prepares participants to run clinical practices, teach or conduct research in this field.

The programme’s primary objective is to equip professionals with the highest level of training in diagnosing complex pulpo-periapical problems and in identifying and implementing optimal solutions.

Additionally, students will receive training in research methodology, including the design and execution of both basic and clinical research projects. This will contribute to the training of new doctors and enhance the number of high-impact publications in the field.

Application
for admission



PROGRAMME TYPE

Official Máster’s Degree + Lifelong Learning Master’s Degree

DURATION

3 academic years

TYPE

On-campus

HOURS

Full-time

CREDITS

120 + 60 ECTS

PRICE*

1st year: 23.014 €

2nd year: 21.662 €

3rd year: 16.771 €

ACREDITATION

University Master’s Degree in Endodontics + Lifelong Learning Master’s Degree in Advanced Endodontics

LOCATION

Campus Sant Cugat

PRIMARY LANGUAGE

English



University Master’s
Degree in Endodontics



*Programme pending final approval

Chairman

Dr Fernando Durá-Sindreu

**Programme Director**

Dr Francesc Abella

Coordination

Dr Marc García

Academic Board

Dr Francesc Abella, Dr Aizea Arrien, Dr Susana de Noé, Dr Guillermo Doria, Dr Fernando Durán-Sindreu, Dr Marta Galtés, Dr Marc Garcia Font, Dr Ana Bárbara Giordano, Dr Sergio Irazusta, Dr M^a Jesús López, Dr Pilar Marroquin, Dr Sergio Morelló, Dr Maria Moreu, Dr Gonzalo Olivieri, Dr Anaïs Ramírez, Dr Jordi Tomás, Dr Judit Tona, Dr Violeta Visús, Dr. Gonzalo Gomez, Dr Gustavo Rodriguez, Dr Jose Antonio Gonzalez, Dr Marc Encinas, Dr Carla Boveda, Dr Joao Nuno Campante, Dr Taema Mobayed, Dr Eyad Oum.

Academic board cross-disciplinary subjects:

Dr Rut Fadó, Dr Natalia Felipe, Dr Victor Gil, Dr Miguel González, Dr Josep Maria Huguet, Dr Rossella Intini, Dr Joan Marc Martínez Laínez, Dr Ángela Mayoral, Dr Juan Luis Melero, Mr Antoni Parada, Dr Héctor Parellada, Dr Lissethe Peñate, Dr Ana Poveda, Dr Guillermo Rocafort, Dr Òscar Salomó, Dr Olena Vasylets.

The curriculum of the Endodontics Programme is structured to be carried out over three academic years, during which the students have to take: 120 + 60 ECTS.

Timetable: Monday to Friday from 8 am to 7 pm

Academic years: September 2026 to July 2029
Preregistration open from January 2026



WILL BE DISTRIBUTED IN 5 MODULES:

- The first module, **Biomedical Sciences**, is characterised by being a cross-disciplinary module in which students will be able to assimilate advanced knowledge of anatomy, physiology and pathology that are essential for drawing up a correct treatment plan.
- The second module, **Scientific Fundamentals in Endodontics**, is made up of two subjects:
 1. **Diagnosis and Treatment Plan in Endodontics**, which includes both practical application subjects and case analysis or clinical treatment planning sessions, in which students will learn to make a correct diagnosis and planning in the field of endodontics, as well as resolve complications.
 2. **Scientific Basis in Endodontics**, which includes advanced theoretical subjects in which students will learn to evaluate different therapeutic options for a pulpo-periapical pathology according to the scientific literature.

- The third module, **Research in Endodontics**, students will be trained to carry out a research project in the area of endodontics and design a research protocol based on the scientific method.
- The fourth module, **Clinical Practice**, includes all the healthcare activity that students carry out in the University Dentistry Clinic, putting the acquired knowledge into practice

Finally, the **Final Master's Degree Project** module includes the preparation, development and defence of the final master's degree project, both clinical and research profiles.

MATERIAL NEEDED (*)

*Provisional list. The final list will be provided to students before the start of the program.

In order to study this Master's course, students must bring the following equipment:

- Last electronic root apex locator generation. It can be individual or integrated into an endodontic micromotor.
- Electric endodontic micromotor with torque control. Must have the option to be used in continuous rotation and reciprocation motion.
- Rotary material: high-speed dental handpiece, micromotor, adaptor (*) and contra angle
- Reflex Camara + Macro Lens 90mm – 100mm + Macro flash. The camera must have the option to record video.
- Laptop (minimum requirements for network connection 10/100)
- Dental periapical radiovisiography (Kodak 6000 or similar)
- Obturation unit.
- Intraoral mirrors
- X-ray positioning devices.
- Ultrasonic tips for endodontics.

At the CUO, every student will be expected to wear a protective face shield and use protective eyewear; however if they wear prescription glasses or magnifying loupes safety eyewear will not be required.

(*) Brand and type of adaptor must be previously confirmed.

ADMISSION PROFILE

The admission of the students to the Endodontics Programme at Universitat Internacional de Catalunya is governed by its own selection process that involves passing the University's own admission tests and the submission of specific documentation.

- Hold a Bachelor's Degree in Dentistry (or equivalent).
- A level of English B2 of the Common European Framework of Reference for Languages or equivalent is recommended. Languages or equivalent, which will be verified during the interview with the candidate.

ADMISSION CRITERIA

The admission tests consist of a weighted evaluation of the academic record, personal profile, motivations and aptitudes, which will have the following criteria:

- Personal interview
- Academic record
- Curriculum Vitae

It is mandatory to complete the three years of the Endodontics programme.

To start the admission process, you complete the **admission form** and submit all the required documentation:

- Bachelor's degree*
- Academic certificate of qualifications (transcript)*
- ID or Passport
- Curriculum Vitae
- General Terms and Conditions document signed.
- Letter(s) of recommendation (recommended, not compulsory)

*For students from outside the European Union, both their qualifications and their degree qualification must be attested through diplomatic route or carry a Hague Apostille. (The degree qualification does not need to have been officially homologated). Candidates who are in the last year of their degree programme must provide an academic certificate o the qualifications they have obtained at the time they register.

Once all documentation has been received and checked for validity, the registration fee (€90**) must be paid (former UIC Barcelona graduates alumni are exempt from this fee).

**Non-refundable administration fees.

¿HOW CAN WE HELP YOU?



Paola Lago / Marta Utset: infodonto@uic.es

Application for
admission



UIC Barcelona's facilities are state-of-the-art, particularly its University Dental Clinic, where students have access to excellent and appropriate equipment and digital/IT resources. The centre is renowned for its use of new technologies such as CAD-CAM, 3D and conscious sedation.

The University Dental Clinic (CUO) has **88** booths for dental practice and receives about **75,000 appointments per year**.

It has a new Technologies Classroom:

- OXO Core with software (OXO Fit and OXO Jaw)
- Allisone software license
- PrepCheck software license
- 3D printer
- Digital Axiograph including ProAxis, ProArc, ProStand, SDiMatriX Studio, Prosthetic Module, SDi Module (SDi Matrix)
- Curing lamp
- Guided surgery system
- Interactive screen
- z4 Computers
- 3D mice
- Intraoral scanner

It also has two prosthetic laboratories equipped with the latest CAD-CAM digital imaging technologies; six laboratories, including one dedicated to dental research; and a pre-clinical laboratory with 95 dental simulators, X-ray equipment and digital radiology tools for hands-on dentistry practice.

Virtual reality simulation laboratory and a new laboratory for continuing education courses.

All dental equipment is fitted with intraoral radiology for additional testing. The centre has two diagnostic imaging rooms equipped with CBCT, panoramic radiology and iCat 3D systems.

Option to stream dental procedures in real time.

Computerised storage system for material collection and delivery.

Sterilisation service for all medical instruments and materials used; steam and plasma sterilisation.

We use dental management software to monitor both patients and students.

The Sant Cugat Campus library has an area of 1,201.53 m². 374 study spaces distributed across the library; and three additional study rooms.



Universitat Internacional de Catalunya has students of over **59 nationalities**, collaboration agreements with industry, company chairs, and agreements signed with health centres and social services.

The Faculty of Dentistry at UIC Barcelona is one of the most internationally renowned.

Top rankings 2024 -2025:

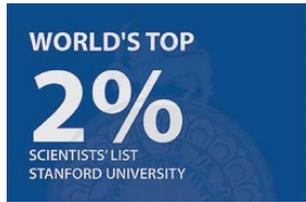
- CYD - 1st position nationally
- El Mundo - 2nd position nationally
- QS World University Ranking - 2nd position nationally
- Shanghai Global Ranking - 3rd position nationally



UIC Barcelona is the first national university to be accredited by the **American Dental Association's** Continuing Education Provider Recognition Program (**ADA CERP**).



Universitat Internacional de Catalunya, Fundació Privada is an ADA CERP Recognized Provider. ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of credit hours by boards of dentistry. Concerns or complaints about a CE provider may be directed to the provider or to the Commission for Continuing Education Provider Recognition at CCEPR.ada.org.



The Faculty of Dentistry has once again been recognised this year with the inclusion of four of its lecturers in Stanford University's Ranking of the World Scientists: World's Top 2% Scientists, an international benchmark that lists the top 2% of the world's most cited researchers.



The Faculty of Dentistry has completed the 3rd year of the programme and has been awarded the certificate of the Association of Dental Education in Europe in recognition of dedication and continuous improvement in the quality of dental education.



The 2030 Agenda on Sustainable Development adopted by the UN has 17 Sustainable Development Goals (SDGs), which aim to achieve equality among people, protect the planet, ensure prosperity, promote peace and build partnerships. **In the SDGs, UIC Barcelona has found a roadmap for the implementation of the University's mission and vision.**



Dr. Lluís Giner,
dean of the Faculty
of Dentistry.

“You have to specialise if
you want to stand out
from the crowd”