

# 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: 22.215 €

2nd year: 20.949 €

3rd year: 16.229 €

### **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 Durán

**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 Patricia Labraca, Dr M<sup>a</sup> 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.

**Teaching staff in interdisciplinary 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, Dra. 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.

120 + 60 ECTS



#### 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.
- In 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 Camera + 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'S 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'S 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](mailto:infodonto@uic.es)

Application for  
admission



UIC Barcelona's facilities are of a high standard, particularly its University Dentistry Clinic, where students have outstanding and up-to-date equipment and computer/digital resources at their disposal. 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** cubicles for dental practice and receives about **75,000 visits per year**.

It also has 2 prosthetic laboratories with the latest in CAD-CAM digital imaging technologies; laboratories focused on dental research and a pre-clinical laboratory with dental simulators, X-ray machines and digital radiology on state-of-the-art simulators.





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 2023 -2024:**

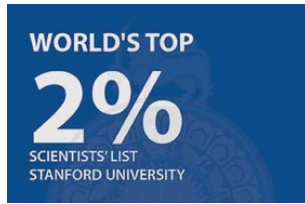
- CYD - 1st position nationally
- El Mundo - 2nd position nationally
- QS World University Ranking - 2nd position nationally
- Shanghai Global Ranking - 3rd position nationally



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

**ADA C·E·R·P**® | Continuing Education Recognition Program

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](http://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”