

Master's Degree in Endodontics Online

Master's Degree in Endodontics Online 2019-2021

Presentation

The conservation of teeth is the basis of dentistry. Currently, endodontics is one of the specialties within the dental practice that presents a greater demand due to the scarcity of specialized professionals and the level of difficulty and demand that it presents. The knowledge of the radicular anatomy and the pulp states always presents as a challenge for the general dentist. It is important for the dentist to acquire the knowledge and skills necessary for the treatment of endodontic treatments and retreats regardless of the difficulty they present.

The proposal for an online Master's Degree in Endodontics is due to the high demand that endodontics currently has within the dental sector. The master's degree is established as a first level education within the university framework, but without reaching the highest degree of qualification that the European Master of Endodontics presents. Due to the current economic situation there are many students who opt for part-time training, but find shortcomings in the modular or short-term programs, since they consider that they do not provide enough practices or they are scarce in terms of literature review or Research Methods. The student for the online endodontics Master would be dentists who want to increase their knowledge in endodontics, with an evidence-based training, combining clinical practices with scientific knowledge, but can not make an exclusive or semi-exclusive dedication to a master of three years.

Department

Endodontics

Faculty of Dentistry

Director of Endodontic Department

Dr. Fernando Duran-Sindreu

Master's Degree in Endodontics Online

Program Director

Dra. Anaïs Ramírez

Coordinator

Dra. Karem Marfisi

Professorate

Dr. Francesc Abella, Dr. Pablo Bragado, Dr. Luis Corte Real, Dr. Sergio Cuaresma, Dra. Susana de Noé, Dr. Guillermo Doria, Dr. Marc García, Dr. Iván Garrido, Dr. Corneliu Gherasim, Dra. Adriana Gómez-Rojas, Dr. José Antonio González, Dr. Fernando Durán-Sindreu, Dr. Alejandro Núñez, Dr. Gonzalo Olivieri, Dr. Javier Pascual, Dr. Pereira da Costa Rui, Dr. Pereira Saraiva de Aguilar, Dr. Artur Filipe, Dra. Anaïs Ramírez, Dr. Gustavo Rodríguez, Dr. Xavier Ruíz, Dr. Gracia Tena, Dr. Jordi Tomás, Dra. Marta Vallès, Dra. Violeta Visús.

Course objectives

The following are the skills that the students of the Master's Degree in Endodontics should have acquired by the end of their training programme:

- Training as an expert in the field of endodontics.
- Knowledge of new materials and technologies related to endodontics.
- Upon completion of the Master, the student must be qualified to clinically address cases of endodontics or re-endodontics, to understand and assess scientific articles in endodontics and be able to perform a literature review.
- That is why the objectives of this master are:
 - Diagnosticate the problems that concern the octopus-periapical complex.
 - To acquire the clinical and cognitive abilities to be able to address endodontic problems.
 - To be able to make decisions in the face of endodontic failure
 - To be able to perform endodontics and reendodontics
 - Be familiar with apical surgery and intentional reimplantation

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- Be able to face orthographic retreats.
- Understand scientific articles related to endodontics
- Design a research project
- Relate endodontics with other areas of dentistry

Program course

The program will be implemented based on a series of teaching activities, which could be grouped into the following types:

- Online theoretical training from master classes.
- Preparation of topics based on a directed reading of selected literature.
- Pre-clinical practices based on tutorials and at the UIC.
- Clinical practices at the UIC

Practical part

The theoretical concepts of the subject will be transmitted through master classes and directed readings. Seminars will be held (Discussion on the topics read and prepared at home by teachers and students) to help students interpret the available data. In the discussion of cases cases will be presented by the students or professors and a discussion will be made based on the scientific literature.

1- Bases of endodontics

- Pulpoperiapical pathology
- Diagnosis in endodontics
- Endo-perio injuries
- Vertical fractures
- Resorptions

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- Dental trauma

2- Decision making in endodontics

- Endodontics prognosis
- Retreatment in endodontics
- Prognosis in apical surgery and intentional reimplantation
- Endo versus implants
- Endodontic treatment plan

3-Clinical concepts in endodontics

- Access cameral
- Determination of working length
- Instrumentation in endodontics
- Disinfection in endodontics
- Obturation
- Emergency in endodontics
- Anesthesia in endodontics
- Vital pulp therapy

4-Advanced endodontics

Management of problems in endodontics

- Retreatment
- Perforations
- Management of the open apex
- Periapical surgery and intentional reimplantation
- Autotransplant
- Reconstruction of the endodontically treated tooth

5- Treatment planning. Discussion of cases.

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Practical part

1-Clinical techniques

Working on *in-vitro* practices. The student will be provided with guidelines for carrying out pre-clinical practices, and through tutorials the student must carry out the proposed exercises. The student will take photographs at the indicated times, which must be sent for the evaluation by the faculty. Laboratory internships will also be carried out in the student's stays at the university (4 weeks each course).

2- Dental Clinic in Endodontics

Practices carried out in the University Dental Clinic of the UIC in patients under the control of the professors of the Department of Endodontics.

Final work

Students may choose to present a well-researched research project with current supporting literature, or conduct a review of the literature, always under the supervision of their tutor.

Courses and conferences

Students must attend at least one scientific conference related to endodontics (ESE, AEDE or SEOC)

Methodology and evaluation

The student will be evaluated in the different modules and subjects, considering:

- Written tests (exams).
- Acquisition of knowledge of clinical, technological and surgical skills through continuous assessment.
- Defense of the end of Master's work and presentation of cases before a court.

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Material

Material that the student must provide:

- Laptop
- Digital camera
- Rotating material:
 - Turbine
 - Contra-angle
 - Adapter
 - Micromotor
- Endodontic motor (to use rotary and reciprocating files)
- Apices electronic locator
- Elements sealing system or similar
- Radiovisiography device

Admission process

The student must be in possession of a qualification that qualifies him / her for the practice of dentistry in their country of origin or residence.

Interview with the director or coordinator of the Skype program where academic and professional skills will be evaluated, as well as their ability to work as a team.

Location

- At UIC Barcelona we believe that clinical practice on patients is essential to train high-level professionals. The differentiation of our programs is marked by the practice of patients.
- The University Clinic of Dentistry (CUO) is located within the facilities of the University itself and has:
 - 88 boxes equipped with the latest dental technologies:
 - 80 generalist boxes.
 - 2 boxes for special patients.
 - 6 boxes for surgeries.
- 5 laboratories:

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- 2 dental prosthesis laboratories with the latest technologies in CAD-CAM that allows students to use the latest techniques in all areas of dentistry.
 - 1 Research Laboratory in Dentistry.
 - 1 Laboratory of regenerative medicine.
 - 1 preclinical laboratory with 95 dental simulators and digital radiology for the practice of dentistry on a simulator. This new laboratory allows, with great realism, to practice dentistry on the part of the student before acting on a patient.
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- 3 radiology and 3D equipment for complementary tests with planning programs for implant-prosthetic programs that allow students to work with the latest technologies.
 - Integrated television equipment to broadcast interventions.
 - 2 Diagnostic rooms for the image, where you can perform orthopantomographies, lateral and frontal radiographs of the skull and the captation system, and CT.
 - Treatment planning room.
 - Computerized warehouse for the delivery and collection of material.
 - Sterilization service of the medical equipment and instruments used.
 - Dental management software for the control of both patients and students.

All resources are up-to-date and the university has agreements with different industries in the sector, boosting the R + D + I industry relationship.

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Basic information

Academic calendar

From October 2019 to July 2021

Timetable

Online part

Weekly seminars on Mondays and Tuesdays from 9:00 p.m. to 11:00 p.m.

The student will arrange clinical sessions (at this time they are done through the Collaborate platform) with their tutor to talk about clinical cases and research work.

The student must carry out the weekly laboratory load programmed in the most favorable schedule.

Attending part

The student will attend four intensive weeks at the University per academic year.

Admissions

From January 2019

Price

First Year:

18.780 *€

Second Year:

18.328 *€

** Annual registration fees (€ 480 / year) are included in the price. The annual enrollment rates are still pending approval by the Governing Board of our University.*

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The amount of the second year of the next years 2020-2021 is pending approval by the Governing Board of our University, and is subject to increases in the CPI.

Places

The number of places available in this program is limited to 6 students.

Accreditation

120 ECTS

Documentation required for registration

- Pre-registration form properly formed.
- Certified copy of the corresponding bachelor's degree (with original certification) *.
- 1 Academic Certificate of qualifications (original or certified photocopy) *.
- 1 photocopy of the National Identity Document (DNI) or passport.
- Payment by bank transfer of € 90 ** and sending proof of payment.
(Except Alumni Graduate UIC).
- Curriculum vitae with courses and conferences that you have attended.
- Recommendation letter / s (recommended, not mandatory).

* For students from outside the European Union, both the qualifications and the degree of the degree have to be certified through diplomatic channels or must have the Apostille of The Hague. (No homologated title is required).

Candidates in the last year of the course must provide a list of qualifications available until the date of registration.

** not reimbursable as management expenses

Send to:

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Facultad de Odontología

Master's Degree in Endodontics Online

Universitat Internacional de Catalunya

Edificio Hospital General

C/ Josep Trueta, s/n

08195 Sant Cugat del Vallès (Barcelona)

Payment

The income can be made by choosing any of the following bank accounts whose holder is the International University of Catalonia. In all cases, you must indicate the name and surname of the student in the sender field.

- Bank: LA CAIXA
- Code IBAN: ES14 2100 0940 8002 0019 1646
- Code SWIFT/BIC: CAIXESBBXXX
- Dirección: Calle Muntaner, 262. - 08021 BARCELONA

- Bank: BANCO BILBAO VIZCAYA ARGENTARIA
- Code IBAN: ES88 0182 6035 4400 1150 1145
- Code SWIFT/BIC: BBVAESMM
- Dirección: Plaza Catalunya, 5, 2ª pl. - 08001 BARCELONA

- Bank: BANCO SANTANDER
- Code IBAN: ES63 0049 1806 9429 1189 8561
- Code SWIFT/BIC: BSCHESMM
- Dirección: Paseo de Gracia, 5, 4ª pl. - 08007 BARCELONA

- Bank: CATALUNYA CAIXA
- Code IBAN: ES22 2013 1356 8402 0001 0806
- Code SWIFT/BIC: CESCESBBXXX
- Dirección: Plaza Antonio Maura, 7 - 08003 BARCELONA

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- Bank: BANC DE SABADELL
- Code IBAN: ES78 0081 5084 0200 0102 9106
- Code SWIFT/BIC: BSABESBB
- Dirección: Avenida de Sarrià, 17-19 - 08029 BARCELONA

- Bank: BANCO POPULAR
- Code IBAN: ES82 0075 1586 9406 0005 8301
- Code SWIFT/BIC: POPUESMM
- Dirección: Paseo de Gracia, 54, entlo. 1ª - 08007 BARCELONA

Personal details

Name					
First Surname			Second Surname		
Date of Birth	/	/	Sex	Male	Female
E-mail			Mobile Number		
Address					
Country			City		
Postal Code			Nationality		
Country of Birth			Place of Birth		
NIF/NIE		Foreign ID*		Passport number	
Usual Language					
What language do you want to receive information in?				English	Spanish

*Born outside of Spain or non-Spanish nationality

MASTER'S DEGREE/POSTGRADUATE COURSES

MASTER'S DEGREE

Master's Degree in Periodontology
 European Master's Degree in Endodontics
 International Master's Degree in Oral Surgery (IMOS)
 Master's Degree in Advanced Aesthetic Restorative Dentistry
 Máster Universitario en Odontología Restauradora Estética
 Máster en Odontopediatría Integral y Hospitalaria
 Máster en Ortodoncia y Ortopedia Dentofacial
 Máster en Disfunción Craneomandibular y Dolor Orofacial

BLENDED LEARNING MASTER'S DEGREE

Master's Degree in Endodontics Online
 University Master's Degree in Research in Dentistry
 Máster en Estética Dental Online
 Máster en Odontopediatría Integral y Hospitalaria Online

POSTGRADUATE COURSES

RC en Ortodoncia
 RC en Periodoncia
 RC en Prótesis Bucal
 RC en Implantología Oral
 RC en Odontopediatría
 RC en Técnicas Quirúrgicas aplicadas a la Cavidad Oral
 RC en Gerodontología, Pacientes especiales y con compromiso médico
 Postgrado en Odontología Integrada Avanzada
 Postgrado Avanzado en Radiología Oral y Maxilofacial
 Postgrado en Creación y Gestión de la Clínica Dental

ACADEMIC INFORMATION – Degree from the university of origin

University		Country				
Degree						
Type of degree	Graduate	University Master's degree holder	Master's degree holder	Other		
Year	/	/				
How did you find out about the UIC Barcelona?						
Word of mouth (through friends, school, ...)		Visit to the university	The website	Fairs	Advertising	Other

Send to: infodonto@uic.es

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