



UCAM

Master
Of Science in
Orthodontics

Málaga & Holland • 120 ECTS • Clinic practice (+ 60 ECTS)

Master of Science in Orthodontics

Training dentists, so they can treat, with guaranteed outcome and high quality of result, any malocclusion by applying state of the art, approved orthodontic criteria and knowledge.

Providing the student with the required knowledge and expertise to practice the specialization of orthodontics and dentofacial orthopedics.

Acquiring knowledge of orthodontic and dentofacial appliances, the traditional mechanical systems, and the Self-ligating mechanical systems.

Learning to plan adequate protocols for orthodontic treatment and prevention of malocclusions, based on previously instructed diagnostics and appliances.

Learning retention protocols after orthodontic treatment.

Objectives

Training dentists who can face, with guarantees and quality, any malocclusion through the application of current criteria and knowledge.

Provide the student with the necessary knowledge to practice the specialty of orthodontics and dentofacial orthopedics.

Knowing the Orthodontic and Dentofacial Orthopedics appliances, the traditional mechanical systems, and the self-ligating mechanical systems.

Prepare protocols for the treatment and prevention of malocclusion based on the previously explained diagnosis and equipment.

Learn retention protocols once orthodontic treatments are completed.

Invisalign certificate



FIRST ACADEMIC YEAR (45 ECTS)

34 face-to-face ECTS theory credits
11 Online ECTS

MODULE 1

23rd – 28th of September 2024
(Spain)

- Three-dimensional diagnosis: physical models and virtual models.
- Hands-on, Cast analysis.
- Basis of orthopaedics.
- Orthopaedic appliances.
- How to manage the “First Phase” of a treatment.
- Elements that make up Fixed Orthodontic.
- Fixed appliances.
- Introduction to Aligners.
- Anthropological and cephalometric concepts.
- Lateral cephalometry Mcnamara analysis.
- Lateral cephalometry Steiner and Rick-etts.
- Hands-on (Cephalometry).
- Introduction into research methodology.
- Hands- on (Research).

MODULE 2

20st – 25th of January 2025
(Holland)

- Class II Diagnosis, Growth, Therapy and Retention.
- Historical concepts of orthodontic mechanic-
CLASS II
- Brackets placement and bonding.
- Hands-on (Brackets placement) Attachments
Bonding, Tips, and tricks.
- Indirect bonding, advantages, and disadvantages.
- Aligners Biomechanic.
- ClinCheck reviews (Live).
- Digital flow, orthodontics, and 3D printing.
- Digital treatment Planning.
- Hands-on (Digital Workflow).
- Properties of Wires in orthodontics.
- Wire vending.
- Hands- On (Wire bending).
- Foundations of mechanics.
- Sagittal first Concept.

MODULE 3

7th – 12th of April 2024
(Spain)

- Photography in orthodontics.
- Hands- on (Professional photography).
- Mandibular biodynamics and TMJ dysfunction.
- Class III Diagnosis, Growth, Therapy, and Retention.



- Conventional / characteristics of archwires used in orthodontics.
- Importance of timing in patient treatment- Growth and ageing.
- Class II and Class III therapy depending on cervical vertebrae maturation.
- Management of digital technology in orthodontics.
- Adhesion in orthodontics.
- Bonding and debonding protocols.
- Mounting on an articulator.
- Digital programs: Meshmixer/ Anato-mage (Practice).

ONLINE (11 ECTS)

- Evidence-based orthodontics.
- Cone beam computed tomography (CBCT) technology and its applications in orthodontics and dental sleep medicine.
- Preventive orthodontics.
- Digital photography applied to clinical practice in orthodontics.

SECOND ACADEMIC YEAR (45 ECTS)

34 face-to-face ECTS theory credits
11 Online ECTS

Theory Lectures (34 ECTS)

MODULE 4

29th September- 4th of October 2025
(Spain)

- Class I treatment protocols.
- Archwire sequence.
- Obstructive Sleep Apnea.
- Transversal Diagnosis.
- Management of maxillary deficiencies.
- Extractions Vs Disjunction.
- Invisible Orthodontics.
- ClinCheck Review.
- Case Presentation.
- How to use Keynote.
- Appointment Timing.
- Office Management.

MODULE 5

19th – 24th of January 2026
(Holland)

- Sagittal First.
- Self-ligating treatment.
- Class I, II and III protocol.
- Maxillary deficiency.
- MARPE
- Interdisciplinary orthodontics.
- Tips and tricks in Class II patients.
- Tips and Tricks in Class III patients.
- Occlusal Rehabilitation.
- Orthodontic and Prosthetic Treatments.

MODULE 6

13th – 18th of April 2026

(Spain)

- Obstructive Sleep Apnea.
- Diagnosis.
- Treatment Protocol.
- Periodontics and Orthodontics.
- Multidisciplinary Patients.
- Management of orthognathic surgery.
- Mini screws in orthodontics.
- How to use Mini screws in your daily practice.
- Lingual orthodontics vs Aligners.
- Orthognathic Surgery Patients.

ONLINE (11 ECTS)

- Treatment of digital models.
- Indirect bonding.
- Incisors and facial aesthetics.
- Impacted maxillary canines.
- Orthopaedic and functional treatment of skeletal class II: TWIN-BLOCK. Design, handling, and its modifications

THIRD ACADEMIC YEAR (30 ECTS)

10 face-to-face ECTS theory credits

15 Online ECTS

5 MT ECTS

Theory Lectures (30 ECTS)

MODULE 7

25st – 30th of January 2027

(Holland)

- Invisible orthodontics treatment protocols- Part I.
- Class II malocclusion treatment plan using aligners. A new approach.
- Treatment protocols with invisible orthodon-tics- Part II.
- Carriere® system from A to Z.
- Detailing and finishing in orthodontics, Aesthetics Solutions.
- Treatment protocols with invisible orthodon-tics- Part III.

MODULE 8

27th September– 2nd of October 2027

(Spain)

- FMW & case Presentation.



ONLINE (15 ECTS)

- Orthodontic treatment in patients with rare diseases.
- Treatment of Obstructive Sleep Apnea Syndrome: new approaches.
- The transversal problem: a paradigm shift.
- Three-dimensional cephalometric diagnosis: transverse and airway anomalies.
- Periodontics and Orthodontics: United by Biology.
- Debonding of Orthodontic Appliances and Removal of Remaining Adhesive.
- Keys to prevent and treat enamel alterations.
- Indirect digital cementation, planning, design, and impression of splints.
- Surgical guides in orthodontics, guide planning, design, and printing.

FMP - Final Master's Project (5 ECTS)

- Planning and conducting Master thesis.
- Master thesis tutoring.
- Master thesis Exhibition

ALL EQUIPMENT INCLUDED

All the necessary material for the clinic and preclinical practices, as well as the photography equipment is provided by the master's degree.

CASE TUTORING

During the master's degree you have the possibility of consulting your external orthodontic cases with the master's professors in clinical sessions.

MASTER OF 120 ECTS or 120 + 60 ECTS

You can register for the 120 ECTS without clinical practice or 120 + 60 ECTS with clinical practice without altering the 3 academic years

Venue: Holland (5 modules), Malaga (3 modules)

Modality: Presential and Online

Certification ECTS: Master 120 ECTS (without clinical practice) and 180 ECTS (with clinical practice)

Registration fee: 2,000€

Total cost 120 ECTS: 26,000€

Total cost 120 + 60 ECTS: 41,000€

**Book your place.... we start in
SEPTEMBER 2024!**

Price first year 13.000€ Price Second year 13.000€
Clinic €15,000 (120 ECTS + 60 ECTS)

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POSTGRADO EN
ODONTOLOGÍA



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SAN ANTONIO

INSCRIPCIÓN



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