

## **Combined Master Degree in Orthodontics and Dentofacial Orthopedics**

**(Essential, Advanced and Professional: 180 ECTS - 4,500 hours - 3 years)**

The **Combined Master Degree in Orthodontics and Dentofacial Orthopedics** is a rigorous three-year postgraduate program (**Essential, Advanced, and Professional** totaling 180 ECTS) designed to deliver a complete academic and clinical training pathway in modern orthodontics.

The **Essential Master** provides a solid foundation in craniofacial growth, orthodontic diagnostics, biomechanics, and standard techniques.

The **Advanced Master** deepens this knowledge with interdisciplinary topics such as adult orthodontics, orthognathic surgery, and modern bracket systems.

The **Professional Master** takes the training to the next level, focusing on cutting-edge digital orthodontics, including AI-assisted treatment, in-office 3D-printed aligners, clear aligner therapy, and complex case management.

Each academic year integrates clinical practice, typodont simulation, and case presentations to ensure students graduate with both theoretical knowledge and hands-on expertise.

## **Essential Master in Orthodontics and Dentofacial Orthopedics**

**(60 ECTS - 1,500 hours - 1 year)**

### **Content:**

- ORTHO E601 Craniofacial growth
- ORTHO E602 Development of the dentition
- ORTHO E603 Etiology of malocclusion
- ORTHO E604 Biologic basis of orthodontic treatment
- ORTHO E605 Material and biomechanics in orthodontics
- ORTHO E606 Evidence based orthodontics
- ORTHO E607 Dental photography
- ORTHO E608 Clinical examination
- ORTHO E609 Orthodontic cephalometry
- ORTHO E610 Orthopedic treatment
- ORTHO E611 Orthodontic treatment
- ORTHO E612 Edgewise standard technique
- ORTHO E613 Tweed-Merrifield edgewise technique
- ORTHO E614 Typodont I
- ORTHO E615 Case presentations I
- ORTHO E616 Clinic I

## **Advanced Master in Orthodontics and Dentofacial Orthopedics**

**(60 ECTS - 1,500 hours - 1 year)**

### **Content:**

- ORTHO A701 Finishing in orthodontics
- ORTHO A702 Retention and relapse
- ORTHO A703 Disinfection and sterilization
- ORTHO A704 Practice management
- ORTHO A705 Adult orthodontics
- ORTHO A706 Occlusion and orthodontics
- ORTHO A707 Orthodontics and periodontics
- ORTHO A708 Orthodontics and orthognathic surgery
- ORTHO A709 Orthodontics and restorative dentistry
- ORTHO A710 Straight wire techniques
- ORTHO A711 MBT technique
- ORTHO A712 Self-ligating techniques
- ORTHO A713 Typodont II
- ORTHO A714 Case presentations II
- ORTHO A715 Clinic II

## **Professional Master in Digital Orthodontics and Aligners**

**(60 ECTS - 1,500 hours - 1 year)**

### **Content:**

- ORTHO P801 Digital orthodontics: Planning and execution of treatment
- ORTHO P802 Digital workflow: Advanced orthodontic biomechanics
- ORTHO P803 Adult orthopedics and orthognathic surgery
- ORTHO P804 Orthodontics and dental autotransplantation
- ORTHO P805 Cleft lip and palate management
- ORTHO P806 Clear aligner therapy
- ORTHO P807 In-Office aligner: 3D printed aligners
- ORTHO P808 Lingual techniques
- ORTHO P809 Microimplant and miniplates utilization in orthodontics
- ORTHO P810 Digital MARPE
- ORTHO P811 AI-Assisted treatment planning and monitoring
- ORTHO P812 Orthodontic practice management for expert practitioners
- ORTHO P813 Typodont III
- ORTHO P814 Case presentations III
- ORTHO P815 Clinic III