



Fellowship in Advanced Orthodontics

Get advanced education in Orthodontics

Contact Us

Department of Pedodontics and
Orthodontics

College of Dentistry, King Khalid University

Al-Qara Campus, Abha, Saudi Arabia

As a trainee in the Fellowship in Orthodontics at King Khalid University, you will develop advanced clinical, diagnostic, and research skills required to manage a wide range of orthodontic cases using an evidence-based and multidisciplinary approach.

During this program, you will receive extensive training in:

- Fixed orthodontics (conventional and advanced mechanics)
- Clear aligner therapy and digital orthodontics
- Growth modification and functional appliances
- Orthognathic surgery and complex case management
- Craniofacial anomalies and interdisciplinary treatment
- Cephalometric analysis and advanced diagnostics
- Practice management and professional development

You will train in state of the art clinical and research facilities, including CBCT imaging, digital orthodontics systems, simulation labs, and advanced clinical units.



◀ About the Program

◀ Mission

To develop highly competent orthodontists with advanced clinical expertise, strong research capabilities, and leadership skills to deliver high quality, evidence based orthodontic care.

◀ Program at a Glance

Qualification Level	Doctorate – Level 9 (Saudi Health Fellowship / الزمالة الصحية)
Duration	3 years (6 semesters)
Total Credit Hours	125
Mode of Study	On-campus, full-time
Location	College of Dentistry, Al-Qara Campus, King Khalid University, Abha
Awarded Title	Fellowship Certificate in Orthodontics
Career Pathway	Orthodontist (Senior Registrar)



Curriculum Structure

The 125 credit-hour curriculum integrates basic science, didactic teaching, specialty clinical training, and a research project with strong emphasis on direct clinical practice (a minimum of 60% of total training hours).

Component	Credit Hours	% of program
Basic Sciences (Anatomy, Pathology, Biology, Radiology, Microbiology)	8	6%
Didactic Courses (Research Methods, Education, Biostatistics, Biomaterials, Therapeutics)	35	28%
Orthodontics Didactic Courses	15	12%
Seminars (Interdisciplinary, Book Review, Literature Review, Case Presentation)	20	16%
Clinical Training (Advanced Orthodontics Clinics (1-6))	65	52%
Research Project	4	5%
Practice teaching /Directed Study	4	5%
Total	151	100%

Curriculum

Trainees must complete the courses listed below across the six semesters of the three-year program. The curriculum integrates didactic teaching, seminars, clinical training, and a longitudinal research project, with a strong emphasis on progressive clinical competency and evidence-based orthodontic practice.



Year 1 — Semester 1 (Level 1)

Course Title	Credit Hours
Applied Head and Neck Anatomy	1
Advanced Oral Biology	1
Advanced Oral and Maxillofacial Pathology	1
Advanced Oral and Maxillofacial Radiology	1
Research Methods and Scientific Writing I	1
Introduction to Orthodontics	1
Craniofacial Growth and Development	1
Biomechanics I	2
Interdisciplinary Seminar I	1
Orthodontic Seminar I	1
Classic Literature Review I	1
Advanced Orthodontics Clinic I	4
Total credit hours	17

Year 1 — Semester 2 (Level 2)

Course Title	Credit Hours
Education Methods	1
Advanced Dental Therapeutics	1
Advanced Oral Microbiology and Immunology	1
Applied Dental Biomaterials	1
Biostatistics in Dentistry	1
Biomechanics II	2
Interdisciplinary Seminar II	1
Orthodontic Seminar II	2
Classic Literature Review II	1
Advanced Orthodontics Clinic II	6
Total credit hours	17



Year 2 — Semester 1 (Level 3)

Course Title	Credit Hours
Research Project I	1
Implantology I	1
Interdisciplinary Seminar III	1
Research Methods and Scientific Writing II	1
Occlusion and TMJ Disorders	1
Orthodontic Seminar III	2
Clinical Cephalometrics & Radiology	1
Orthognathic Surgery	1
Advanced Orthodontics Clinic III	8
Total credit hours	17

Year 2 — Semester 2 (Level 4)

Course Title	Credit Hours
Research Project II	1
Implantology II	1
Interdisciplinary Seminar IV	1
Craniofacial Deformities and Syndromes	1
Orthodontics & Periodontics Seminar	1
Orthodontic Seminar IV	2
Advanced Orthodontics Clinic IV	8
Total credit hours	15



Year 3 — Semester 1 (Level 5)

Course Title	Credit Hours
Research Project III	2
Directed Study I	1
Practice Teaching I	2
Orthognathic Conference	1
Practice Management I	1
Interdisciplinary Seminar V	1
Orthodontic Seminar V	2
Advanced Orthodontics Clinic V	8
Total credit hours	18

Year 3 — Semester 2 (Level 6)

Course Title	Credit Hours
Research Project IV	2
Directed Study II	1
Practice Teaching II	2
Craniofacial Conference	1
Practice Management II	1
Interdisciplinary Seminar VI	1
Advanced Orthodontics Clinic VI	8
Total credit hours	16



Curriculum Highlights

- Progressive clinical training (Levels I–VI) with increasing case complexity
- Integration of biomechanics, growth, and digital orthodontics
- Strong emphasis on seminars, literature review, and case presentations
- Longitudinal research project with Only submission to peer reviewed journal.
- Development of teaching and leadership skills in final year

Clinical Training

Trainees complete intensive supervised clinical training:

≥100 patients managed	Fixed, aligner, and surgical cases	Interdisciplinary treatment	Full diagnostic records and cephalometric analysis
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Clinical Requirements Include:

≥30 completed fixed appliance cases	≥5 aligner cases	≥5 surgical cases	≥80 cephalometric analyses
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Admissions

Eligible applicants must meet the following minimum requirements:

• Bachelor of Dental Surgery (BDS) from a recognized dental school, with a minimum GPA of 3/5 (or 2/4)	• Completion of internship training year	• Valid Saudi Commission for Health Specialties (SCFHS) license to practice	• Proof of English proficiency: TOEFL (or equivalent)
• Three letters of recommendation	• Successful personal interview and admission specialty examination	• Documented source of financial support and employer approval	• Good conduct and medical fitness for clinical work

Research Project

Each trainee must complete an original research project clinical, in-vitro/laboratory-based, or in dental biomaterials, That demonstrates the ability to apply scientific methodology to a problem relevant to Orthodontics. Registration begins at the start of the second year, with progress reviewed every three months by the Program Research Committee. The final research report must be accompanied by a manuscript submitted to a peer-reviewed journal, and trainees defend their work in a formal 45-minute presentation before the Research Evaluation Committee.

