

FACULTY OF DENTAL MEDICINE – SOFIA
DEPARTMENT OF ORTHODONTICS

Schedule of Lectures in Orthodontics
for IV-Year Foreign Students
7th (Winter) Semester, 2026–2027

Tuesday, 9:45–11:15 – III Dent. Hall

- 15.09.2026** – The scope of orthodontics. Interdisciplinary relations. Orthodontic terminology. Angle's classification. Andrews' six keys of occlusion.
- 22.09.2026** – Study cast analysis. Single-arch analysis: tooth-size discrepancies, sectional analysis, arch-length discrepancies, and maxillofacial discrepancies.
- 29.09.2026** – Study cast analysis. Evaluation of occlusion in the primary, mixed, and permanent dentitions.
- 06.10.2026** – Maturational changes in the dental arches and occlusion. Prediction of the development of the dental arches and occlusion in the primary, mixed, and permanent dentitions.
- 13.10.2026** – Orthodontic diagnosis: clinical diagnostic procedures.
- 20.10.2026** – Maxillofacial development (facial growth).
- 27.10.2026** – Radiological methods of examination in orthodontics. CBCT.
- 03.11.2026** – Types of cephalometric radiographs. Lateral cephalometry.
- 10.11.2026** – Orthodontic materials.
- 17.11.2026** – Classification and principles of action of orthodontic appliances. Basic elements of the lingual plate.
- 24.11.2026** – Fixed appliances: edgewise and straight-wire appliances. Stages of orthodontic treatment with edgewise appliances.
- 01.12.2026** – Functional appliances and modifications with active elements: monoblock, activator, and twin block.
- 08.12.2026** – Functional appliances: Fränkel, Klammt, and Balters.
- 15.12.2026** – Etiology of malocclusions. Heredity and the prenatal effects of environmental factors. Endocrine disorders and vitamin deficiencies.
- 22.12.2026** – Etiology of malocclusions. Oral habits, dental caries, premature tooth loss, and fractures and trauma of the teeth and jaws in children.

Head of Orthodontics Department:
(Prof. VI. Petrunov, DDS, MSD, PhD)