

16.2.1 Curriculum by Semester

Level	Semester	Type of Courses	Number of Courses	Credit Hours
Year 1	Semester I (15 units)	Core courses	Advanced Oral Biology	1
			Advanced Oral and Maxillofacial Pathology	1
			Applied Head and Neck Anatomy	1
			Advanced Oral and Maxillofacial Radiology	1
			Research Methods and Scientific Writing I	1
			Interdisciplinary Seminar I	1
		Specialty courses	Advanced Orthodontics Clinic I	4
			Biomechanics I	2
			Craniofacial Development & Growth	2
	Introduction to Orthodontics		1	
	Semester II (13 units)	Core courses	Advanced Oral Microbiology and Immunology	1
			Education Methods	1
			Advanced Dental Biomaterials	1
			Interdisciplinary Seminar II	1
		Specialty courses	Advanced Orthodontics Clinic II	6
			Biomechanics II	1
			Orthodontic Seminar I	1
Classic Literature Review I			1	
Summer I (3 units)	Specialty course	Advanced Orthodontics Clinic III	3	
Year 2	Semester I (14 units)	Core courses	Research Methods and Scientific Writing II	1
			Applied Biostatistics in Dentistry	1
			Interdisciplinary Seminar III	1
		Specialty courses	Advanced Orthodontics Clinic IV	6
			Orthodontic Seminar II	1
			Classic Literature Review II	1
			Research Project I	1
			Orthognathic Surgery	1
	Semester II (12 units)	Core courses	Clinical Cephalometric and radiology	1
			Occlusion and Temporo-mandibular Joint Disorders	1
		Specialty courses	Interdisciplinary Seminar IV	6
			Advanced Orthodontics Clinic V	1
			Orthodontic Seminar III	1
			Craniofacial deformity and syndromes	1
			Research Project II	1
	Orthodontics & Periodontics Seminar	1		
	Summer II (3 units)	Specialty course	Advanced Orthodontics Clinic VI	3

Level	Semester	Type of Courses	Number of Courses	Credit Hours
Year 3	Semester I (12 units)	Core Courses	Interdisciplinary Seminar V	1
		Specialty Courses	Advanced Orthodontics Clinic VII	6
			Orthodontic Seminar IV	1
			Current Literature Review I	1
			Research Project III	1
			Orthognathic conference I	1
	Practice Management I	1		
	Semester II (12 units)	Core Courses	Interdisciplinary Seminar VI	1
		Specialty Courses	Advanced Orthodontics Clinic VIII	6
			Orthodontic Seminar V	1
Current Literature Review II			1	
Research Project IV			1	
Orthognathic conference II			1	
Practice Management II	1			
Summer III (3 units)	Specialty course	Advanced Orthodontics Clinic IX	3	
Year 4	Semester I (12 units)	Core Courses	Interdisciplinary Seminar VII	1
		Specialty Courses	Advanced Orthodontics Clinic X	6
			Orthodontic Seminar VI	1
			Current Literature Review III	1
			Research Project V	1
			Craniofacial conference I	1
	Orthodontics teaching practice I	1		
	Semester II (12 units)	Core Courses	Interdisciplinary Seminar VIII	1
		Specialty Courses	Advanced Orthodontics Clinic XI	6
			Orthodontic Seminar VII	2
			Literature Review IV	1
			Research Project VI	1
			Craniofacial conference II	1
Orthodontics teaching practice II	1			
			TOTAL PROGRAM CREDIT HOURS	112