

## ORTHODONTIC POST GRADUATE CURRICULUM

Two-year curriculum June 26 to June 30 of second year.

6/18

### Orthodontics SUMMER TERM First Year (5 wks) - Preclinical Orientation

New Course #	Course Title	Course Director	Cr. Hr.
DBS 5010	Head & Neck Anatomy	M. Ahmad	2
DOD 5000	Orthodontic Technique	R. Kulbersh	6
DOD 5100	Roentgenographic Cephalometrics	R. Al-Qawasmi	1
DOD 5780	Biomechanics	M. Siddiqi/R. Kulbersh	1
DOD 5940	Orthodontic Continuing Education Seminar	R. AlQawasmi	DEF
<b>TOTAL</b>			<b>10</b>

### Orthodontics FALL TERM First Year

New Course #	Course Title	Course Director	Cr. Hr.
DBS 5170	Oral Pathology	J. Ojha	3 (P/F)
DOD 5010	Orthodontic Seminar and Clinic	R. AlQawasmi	7
DOD 5140	Physiology of Bone & Tooth Movement	R. Al-Qawasmi	1
DOD 5210	Early Treatment Seminar and Clinic	V.Pangrazio-Kulbersh/ H. Kang	1.5
DOD 5310	TMJ and Occlusion Seminar and Clinic	F. Plaza Villegas	2
DOD 5510	Dentofacial Abnormalities Seminar and Clinic	V.Pangrazio-Kulbersh/ H. Kang	1.5
DOD 5630	Speech Physiology and Pathology	K. Nolan/R.Kulbersh	1
DOD 5710	Craniofacial Growth and Development	F. Plaza Villegas	Def
DOD 5830	Cleft Lip Palate Seminar	B. Whateley/R. Kulbersh	1.5
DOD 5910	Basic Research Methodology	R. Al-Qawasmi	1
DOD 5940	Orthodontic Continuing Education Seminar	R. AlQawasmi	Def
<b>TOTAL</b>			<b>24</b>

**Orthodontics WINTER TERM First Year**

<b>New Course #</b>	<b>Course Title</b>	<b>Course Director</b>	<b>Cr. Hr.</b>
DSD 5111	Ethics & Professional Responsibility	P. Zarkowski	1
DOD 5020	Orthodontic Seminar and Clinic	R. AlQawasmi	7
DOD 5120	Orthodontic Literature Review	H. Kang	1.5
DOD 5220	Early Treatment Seminar and Clinic	V.Pangrazio-Kulbersh/ H. Kang	1.5
DOD 5320	TMJ and Occlusion Seminar and Clinic	F. Plaza Villegas	2
DOD 5440	Human Development	S. Ceresnie/R. AlQawasmi	2
DOD 5520	Dentofacial Abnormalities Seminar and Clinic	V.Pangrazio-Kulbersh/ H. Kang	1.5
DOD 5710	Craniofacial Growth and Development	F. Plaza Villegas	1.5
DBS 5720	Microbiology and Asepsis	E. Krukonis	2
DOD 5840	Cleft Lip Palate Seminar	B.Whateley/R. AlQawasmi	1.5
DOD 5920	Basic Research Methods Biostatistics	R. AlQawasmi	1
DOD 5930	Research Project	R. AlQawasmi	Def
DOD 5940	Orthodontic Continuing Education Seminar	R. AlQawasmi	Def
DRD 5000	Graduate Dental Materials	R. Pacheco(?)	1
<b>TOTAL</b>			<b>26.5</b>

**Orthodontics SPRING TERM First Year**

<b>New Course #</b>	<b>Course Title</b>	<b>Course Director</b>	<b>Cr. Hr.</b>
DOD 5030	Orthodontic Seminar and Clinic	R. AlQawasmi	7
DOD 5230	Early Treatment Seminar and Clinic	V.Pangrazio-Kulbersh/ H. Kang	1.5
DOD 5330	TMJ and Occlusion Seminar and Clinic	F. Plaza Villegas	2
DOD 5451	Invisalign Seminar and Clinic	R.AlQawasmi	1
DOD 5530	Dentofacial Abnormalities Seminar and Clinic	V.Pangrazio-Kulbersh/ H. Kang	1.5
DOD 5850	Cleft Lip Palate Seminar	B.Whateley/R. AlQawasmi	1.5
DOD 5930	Research Project	R. AlQawasmi	Def
DOD 5940	Orthodontic Continuing Education Seminar	R. AlQawasmi	Def
DOD 5980	Craniofacial Pathology and Genetics	F.Khosrow-Shahian/R. AlQawasmi	1
<b>TOTAL</b>			<b>15.5</b>

<b>Orthodontics SUMMER TERM Second Year</b>			
<b>New Course #</b>	<b>Course Title</b>	<b>Course Director</b>	<b>Cr. Hr.</b>
DOD 5930	Research Project	R. AlQawasmi	Def
DOD 5940	Orthodontic Continuing Education Seminar	R. AlQawasmi	Def
<b>TOTAL</b>			<b>0</b>

<b>Orthodontics FALL TERM Second Year</b>			
<b>New Course #</b>	<b>Course Title</b>	<b>Course Director</b>	<b>Cr. Hr.</b>
DOD 5040	Orthodontic Seminar and Clinic	R. AlQawasmi	7
DOD 5070	Orthodontic/Periodontic Seminar & Clinic	B.Kinaia/ R.AlQawasmi	1
DOD 5130	Retention Clinic	R. AlQawasmi	Def
DOD 5240	Early Treatment Seminar and Clinic	V.Pangrazio- Kulbersh/H. Kang	1.5
DOD 5340	TMJ and Occlusion Seminar and Clinic	F. Plaza Villegas	2
DOD 5380	Journal Club	R. AlQawasmi	2
DOD 5461	Invisalign Seminar and Clinic	R.AlQawasmi	1
DOD 5540	Dentofacial Abnormalities Seminar and Clinic	V. Pangrazio- Kulbersh/H. Kang	1.5
DOD 5740	Advanced Orthodontic Clinic	R. Kulbersh	1.5
DOD 5781	Biomaterials-Biomechanics	A.Haerian/R. Kulbersh	1
DOD 5930	Research Project	R. AlQawasmi	Def
DOD 5940	Orthodontic Continuing Education Seminar	R. AlQawasmi	Def
DOD 5990	Physiology and Pharmacotherapeutics	R. AlQawasmi	Def
<b>TOTAL</b>			<b>18.5</b>

<b>Orthodontics WINTER TERM Second Year</b>			
<b>New Course #</b>	<b>Course Title</b>	<b>Course Director</b>	<b>Cr. Hr.</b>
DOD 5050	Orthodontic Seminar and Clinic	R. AlQawasmi	7
DOD 5080	Orthodontic/Periodontic Seminar and Clinic	B.Kinaia/ R.AlQawasmi	1
DOD 5130	Retention Clinic	R. AlQawasmi	Def
DOD 5250	Early Treatment Seminar and Clinic	V.Pangrazio-Kulbersh/H. Kang	1.5
DOD 5390	Journal Club	H. Kang	2
DOD 5471	Invisalign Seminar and Clinic	R.AlQawasmi	1
DOD 5550	Dentofacial Abnormalities Seminar and Clinic	V.Pangrazio-Kulbersh/ H. Kang	1.5
DOD 5640	Practice Teaching	R. Al-Qawasmi	2
DOD 5650	Table Clinic Preparation	R. Al-Qawasmi	1.5
DOD 5930	Research Project	R. AlQawasmi	Def
DOD 5940	Orthodontic Continuing Education Seminar	R. AlQawasmi	Def
DOD 5990	Physiology and Pharmacotherapeutics	R. AlQawasmi	3
<b>TOTAL</b>			<b>20.5</b>

**Orthodontics SPRING TERM Second Year**

<b>New Course #</b>	<b>Course Title</b>	<b>Course Director</b>	<b>Cr. Hr.</b>
DOD 5060	Orthodontic Seminar and Clinic	R. AlQawasmi	7
DOD 5090	Orthodontic/Periodontic Seminar and Clinic	B. Kinaia/ R. AlQawasmi	1
DOD 5130	Retention Clinic	R. AlQawasmi	1
DOD 5260	Early Treatment Seminar and Clinic	V.Pangrazio-Kulbersh/ H. Kang	1.5
DOD 5481	Invisalign Seminar and Clinic	R.AlQawasmi	1
DOD 5560	Dentofacial Abnormalities Seminar and Clinic	V. Pangrazio-Kulbersh/ H. Kang	1.5
DOD 5930	Research Project	R. AlQawasmi	6
DOD 5940	Orthodontic Continuing Education Seminar	R. AlQawasmi	1
DOD 5950	Advanced Orthodontic Seminar	R. AlQawasmi	2
<b>TOTAL</b>			<b>22</b>