

Study Plan

Course Title	Code/ no.	Credit Hours				Total study days	Total C.H.	Pre-Requisites
		Theoretical	Clinical	Operative	Total C.H			
Part 1								
Semester 1								
1	Basic Musculoskeletal Anatomy	ORT101	4	6	0	6		None
2	Introduction to Orthopedics	ORT102	3	0	0	3		None
3	Medical Ethics in Orthopedics	ORT103	2	0	0	2		None
4	Research Methods in Medicine	ORT104	3	0	0	3		None
5	Radiology and Imaging in Trauma	ORT105	3	6	0	5		None
Total credit hours			15	12	0	19		
Semester 2								
1	Biomechanics of Musculoskeletal System	ORT106	2	9	12	8		ORT101
2	Pathology	ORT107	1	9	16	7		ORT102
3	General Trauma Management & Rehabilitation	ORT108	1	9	0	7		ORT103
4	Research in Orthopedics: Techniques	ORT109	2	0	0	2		ORT104
5	Basic Surgical Skills	ORT110	0	0	8	2		ORT107
6	Surgical evaluation	ORT201	0	9	8	5		ORT105
Total credit hours			6	36	44	31		
Semester 3 (Clinical Training)								
1	Orthopedic Trauma (Emergency Dept.)	ORT201	0	9	16	7		All S1-S2
2	Fracture Management and Casting	ORT202	0	9	16	7		ORT107,108
Total Clinical hours			0	18	32	14		

Course Title	Code/ no.	Credit Hours				Total study days	Total C.H.	Pre-Requisites
		Theoretical	Clinical	Operative	Total C.H			
Semester 4 (Clinical Training)								
1	Advanced Orthopedic Surgery (Hip/Knee)	ORT203	0	12	20	9		ORT107
2	Operative Surgical Skills	ORT204	0	12	16	7		ORT108
Total Clinical hours			0	24	36	16		
Semester 5								
1	Advanced Surgical Techniques	ORT205	1	9	16	8		ORT107,108
2	Research Dissertation (Part 1)	ORT206	4	0	0	4		ORT109
3	Pediatric Orthopedics	ORT207	1	9	16	8		ORT106
4	Spinal Orthopedics and Trauma	ORT208	1	9	16	8		ORT107
5	Joint Replacement & Arthroplasty	ORT209	1	9	16	8		ORT203
Total credit hours			8	36	64	36		
Part 2								
Semester 6 (Clinical Training)								
1	Complex Trauma and Reconstructive Surgery	ORT301	0	12	20	8		ORT205
Total Clinical hours			0	12	20	8		
Semester 7								
1	Advanced Orthopedic Research	ORT302	2	0	0	2		ORT206
2	Musculoskeletal Biomechanics	ORT303	2	6	8	6		ORT106
3	Clinical Case Study Presentations	ORT304	1	0	0	1		ORT108
Total credit hours			5	6	8	9		
Semester 8 (Clinical Training)								

Course Title	Code/ no.	Credit Hours				Total study days	Total C.H.	Pre-Requisites
		Theoretical	Clinical	Operative	Total C.H			
1 Surgical Leadership and Management	ORT305	0	12	20	9			ORT209
Total Clinical hours		0	12	20	9			
Semester 9 (Clinical Training)								
1 Advanced Trauma & Reconstruction	ORT306	0	12	20	9			ORT301
Total Clinical hours		0	12	20	9			
Semester 10								
1 Final Research Dissertation Submission	ORT307	30	0	0	30			ORT302
Total credit hours		30	0	0	30			
إجمالي الساعات المعتمدة		64	168	244	181			