



## ماجستير التشريح التركيبي البشري

- مسار التشريح السريري
- مسار علم الأنسجة البشري
- مسار تشريح الأعصاب البشري
- مسار علم الأجنة البشري

MSc Program in Human Morphology					
Clinical Anatomy Track					
Year	Term	Course title	Course code	Units (Credit hours)	
Year 1	First Term	Introduction to Human Anatomy	MDAT 111	1	10
		Clinical anatomy of the Thorax	MDAT 112	2	
		Clinical anatomy of the Abdomen,	MDAT 113	3	
		Clinical anatomy of the Pelvis and perineum	MDAT 114	2	
		Clinical anatomy of the Lower limb	MDAT 115	2	
	Second Term	Clinical anatomy of the Head and Neck	MDAT 121	3	9
		Clinical anatomy of the Upper limb	MDAT 122	2	
		Clinical anatomy of the Back	MDAT 123	1	
		Seminars in Basic and Applied Gross Anatomy -1	MDAT 124	1	
		Elective 1		2	
Year 2	Third Term	Research Methodology	MDAT 131	2	9
		Essentials of Health education	MDAT 132	2	
		Imaging anatomy	MDAT 133	2	
		Journal Club in Basic and Applied Gross Anatomy -2	MDAT 134	2	
		Elective 2		1	
	Fourth Term	Anatomy of Child and physical growth	MDAT 141	2	7
		Anatomy of aging	MDAT 142	1	
		Study of the vasculature of selected organs	MDAT 143	1	
		Elective 3		3	
				Total	35

MSc Program in Human Morphology					
Human Embryology					
Year	Term	Course title	Course code	Units (Credit hours)	
Year 1	First Term	Gross Anatomy of Human Body Systems	MDAT 411	5	9
		Functional Histology	MDAT 412	2	
		Endocrine and reproductive physiology	MDAT 413	2	
	Second Term	Cytogenetics	MDAT 215	1	9
		General Embryology	MDAT 421	2	
		Systemic Embryology	MDAT 422	3	
		Scientific writing	MDAT 423	1	
Year 2	Third Term	Journal Club In Human Embryology	MDAT 424	2	8
		Research Methodology	MDAT 132	1	
		Introduction to Assisted Reproduction and Infertility	MDAT 431	1	
		Semen Analysis	MDAT 432	1	
		Advanced Andrology Techniques	MDAT 433	1	
		Cryopreservation & Vitrification	MDAT 434	1	
	Fourth Term	Advanced Assisted Reproduction Techniques	MDAT 435	2	9
		Management of IVF and Andrology Labs	MDAT 436	1	
		Hands On Assisted Reproduction Technology	MDAT 441	4	
		Research project	MDAT 442	4	
	Elective			1	
				Total	35

MSc Program in Human Morphology				
Human Histology Track				
Term	Courses title	Code	Credit hours (CH)	
First term	Histological techniques for light microscopy	MDAT 211	3	9
	Histological techniques for Electron microscopy	MDAT 212	3	
	Cytological techniques	MDAT 213	2	
	Elective 1		1	
Second Term	General histology	MDAT 221	2	11
	Light microscopic systemic histology-I	MDAT 222	2	
	Light microscopic systemic histology-II	MDAT 223	2	
	Electron microscopic systemic histology-I	MDAT 224	2	
	Electron microscopic systemic histology-II	MDAT 225	2	
	Journal Club in Human Histology-1	MDAT 226	1	
Third Term	Histopathology	MDAT 231	3	9
	Educational Methodology	MDAT 232	2	
	Research Methodology	MDAT 233	2	
	Journal Club in Human Histology-2	MDAT 234	1	
	Elective 2		1	
Fourth Term	Research project	MDAT 241	6	6
	<b>Total</b>		<b>35</b>	<b>35</b>

MSc Program in Human Morphology				
Human Neuroanatomy Track				
Term	Course title	Course Code	Credit hours	
First term	1. Neuroanatomy-1	MDAT 311	3	7.5
	2. Neurophysiology-1	MDAT 312	1.5	
	3. Developmental neurobiology	MDAT 313	1	
	4. Seminars on trends in neuroscience	MDAT 314	2	
Second Term	5. Neuroanatomy-2	MDAT 321	4	8.5
	6. Neurophysiology-2	MDAT 322	1.5	
	7. Elective 1		1	
	8. Journal club in neuroscience	MDAT 323	2	
Third Term	9. Neuroanatomy-3	MDAT 331	2	9
	10. Neurophysiology-3	MDAT 332	1.5	
	11. Elective 2		1.5	
	12. Research Methodology	MDAT 132	1	
	13. Research Proposal Writing	MDAT 333	1	
Fourth Term	14. Essential skills in health professions Education	MDAT 131	2	10
	15. Neuroimaging	MDAT 341	2	
	16. Neurology (advanced neuroscience)	MDAT 342	2	
	17. Research Dissertation	MDAT 343	6	
Total			35.5	35