

ZAHEDAN UNIVERSITY OF MEDICAL SCIENCES

School of Medicine

BASIC SCIENCE PROGRAM (5 SEMESTERS)

1st SEMESTER				
Item	Course Title	Number of Credits		
		Theoretical	Practical	
1	Basics of Anatomy (General Histology + General Embryology)	2.2	0.2	
2	Cell Physiology	0.8		
3	Cellular and Molecular Biochemistry	1.9	0.4	
4	Medical etiquette I		0.5	
5	Family Knowledge	2		
6	General English Language	3		
7	Principles of Health Services	1.5		
8	Physiology of Blood	0.3	0.1	
9	Skeletomuscular Anatomy (Upper Limbs + Lower Limbs)	1.8	0.6	
10	Health Psychology	2		
11	Pre-University English	2		
TOTAL CREDITS			19.30	

2nd SEMESTER				
Item	Course Title	Number of Credits		
		Theoretical	Practical	
1	Biochemistry of Metabolism	1.3	0.4	
2	Anatomy of Cardiovascular System	1	0.5	
3	Physiology of Heart	0.5	0.1	
4	Physiology of Circulatory System	1.1	0.1	
5	Anatomy of Respiratory System	0.5	0.2	
6	Physiology of Respiratory System	0.6	0.1	
7	General Persian Language	3		
8	Anatomy of Endocrine System	0.2	0.2	
9	Physiology of Glands and Reproductive System	1.2	0.1	
10	Biochemistry of Hormones	0.7		
11	Anatomy of Urogenital System	0.8	0.2	
12	Medical Etiquettes II		0.5	
13	Islamic Thought I	2		
14	Anatomy of Digestive System	1.5	0.5	
15	Physiology of Gastrointestinal Tract	0.6	0.1	
TOTAL CREDITS			18	

3rd SEMESTER

Item	Course Title	Number of Credits		
		Theoretical	Practical	
1	Renal Physiology	0.7	0.1	
2	Renal Biochemistry	0.2		
3	Medical Virology	1		
4	Neuroanatomy	1.5	0.4	
5	Anatomy of Special Senses	0.8	0.1	
6	Neurophysiology and Special Senses	1.4	0.1	
7	Anatomy of Head and Neck	1.2	0.5	
8	Medical Etiquettes III		0.5	
9	English for Medical Purposes I	3		
10	Physical Education I		1	
11	Islamic Thought II	2		
12	Life Custom (Islamic Ethics)	2		
13	An Introduction to Pathology, Inflammation and Healing	1.1		
TOTAL CREDITS			17.60	

4th SEMESTER				
Item	Course Title	Number of Credits		
		Theoretical	Practical	
1	Medical Bacteriology	2.4	0.6	
2	Medical Etiquette IV		0.5	
3	Physical Education II		1	
4	English for Medical Purposes II	3		
5	Medical Physics	1.8	0.2	
6	Islamic Revolution	2		
7	General Principles of Nutrition	2		
8	Genetics	2		
9	Immunology	1.8	0.2	
TOTAL CREDITS			17.50	

5 th SEMESTER				
Item	Course Title	Number of Credits		
		Theoretical	Practical	
1	The commentary of Holy Quran	2		
2	Islamic and Iranian Culture and Civilization	2		
3	Analytical History of Islam	2		
4	Pathology of Genetic Disorders and Childhood Diseases	0.5		
5	Pathology of Peripheral, Nutritional, and Infectious Diseases	0.4		
6	Pathology of Human Immune System Disorders	0.5		
7	Pathology of Neoplasia	0.6		
8	Practical Pathology		1	
9	Principles of Epidemiology	2		
10	Mycology	0.9	0.1	
11	Parasitology	1.6	0.4	
TOTAL CREDITS			16	