

## Course Syllabus of Anatomy

Faculty: Medicine and Health Sciences

Department: Health science

Program: Bachelor in Radiologic Technology & Medical Imaging

I. General information about the course instructor :							
Name	Dr. Fahd Thwaba Dr. Mogahid Nassar	Office Hours(2 Hours Weekly )					
Location & phone number	771341873	Sat	Sun	Mon	Tue	Wed	Thu
Email	Mogahid Nassar @Yahoo.com				2		

II. General information about the course:					
1 Course Title :	Anatomy				
2 Course Code and Number :	BHS130				
3 Credit Hours :	Credit Hours				Total
	Theoretical	Seminar/Tutorial	Practical	Training	
	2		1		3
4 Study Level and Semester:	1st year / 2 <sup>nd</sup> semester				
5 Pre-requisites :	None				
6 Co-requisites :	None				
7 Program in which the course is offered:	Bachelor in Radiologic Technology & Medical Imaging				
8 Teaching Language:	English				
9 Instruction location:	University of Science and Technology, Sana'a ,Yemen				

III. Course Description	
<p>Introduction to anatomy introduces basic concepts and anatomical terminology of human body. It describes the macro-anatomy of the body system, skeleton, muscles, joints, body cavities, skin, and fascia. It will also help student to recognize the main microscopic characteristics of the human basic tissues (epithelium, connective, muscular and nervous tissues) and their appearance in different parts of human organs Lectures, practical demonstration and other teaching strategies are used. The students will be evaluated through practical exam, written exam and report.</p>	

عميد الكلية:  
د. عبد الله المخلافي

رئيس القسم:  
د. عبد الحبيب بومان

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المراجع:  
د. صندام الزوفي

الموصف:  
د. فهد ثوابه  
د. مجاهد نصار



#### IV. Course Aims: This course is aimed to:

1. Provide the students with basic concepts of **the anatomical position, planes and terms.**
2. **Unable the students to recognize the normal structure and function of skin, fascia and vessels .**
3. Learn the student the demonstration of the different types of muscles and joints of skeletal system.
4. Learn the student the microscopic structure of the different human tissues.
5. Familiarize students with basic of **the different types of body systems.**
6. Facilitate the integration of histology with gross Anatomy, physiology and biochemistry.

#### V. Course Intended Learning Outcomes (CILOs) :

1. Define the science of anatomy and the different anatomical terminology.
2. Describe skeleton parts, joints, types of muscles, nerve and vessels.
3. Recognize the axial and appendicular skeleton.
4. Describe the organization and components of the human body.
5. Differentiate between the normal & abnormal anatomical structure.
6. Correlate between histological structure & function of different tissues.
7. Selecting an appropriate technology and use of optical instruments in the study of the tissues of various anatomical structures.
8. Use professionally the light microscope to obtain information from histological slides in the laboratory.
9. Present clearly and effectively scientific topic in a tutorial or staff meeting & group discussion.



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VI. Course content				
Topics/Units of Course Contents				
First: Theoretical Aspects				
No.	Course Topics/Units	Sub-topics	No. of Weeks	Contact Hours
1	Introduction anatomy	Anatomical position, plans, terms	1 <sup>st</sup>	2
		Bone development and formation	2 <sup>nd</sup>	2
		Introduction to skeletal system	3 <sup>rd</sup>	2
2	Basic histology	Epithelial tissue	4 <sup>th</sup>	2
		Blood	5 <sup>th</sup>	2
		Connective tissue proper	6 <sup>th</sup>	2
		Cartilage and bone	7 <sup>th</sup>	2
		Nervous tissue and muscular tissue	8 <sup>th</sup>	2
3	Midterm exam		9 <sup>th</sup>	2
4	Axial skeleton	Cranial and facial bones	10 <sup>th</sup>	2
5	Axial skeleton	Spine and thoracic cage	11 <sup>th</sup>	2
6	Appendicular skeleton	Upper limb	12 <sup>th</sup>	2
7	Appendicular skeleton	Lower limb	13 <sup>th</sup>	2
8	Joints	Types and function	14 <sup>th</sup>	2
9	Muscles	Skeletal muscles	15 <sup>th</sup>	2
10	Final exam		16 <sup>th</sup>	2
Total number of weeks and hours			16	32

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Second: Practical/Tutorial/Clinical Aspects			
No.	Practical/Tutorial/Clinical topics	No. of Weeks	Contact Hours
1	Anatomical position, plans, terms	2 <sup>nd</sup>	2
2	Introduction to body systems	3 <sup>rd</sup>	2
3	Epithelial tissue histology	4 <sup>th</sup>	2
4	Blood histology	5 <sup>th</sup>	2
5	Connective tissue proper ,Cartilage and bone histology	6 <sup>th</sup>	2
6	Nervous tissue and muscular tissue histology	7 <sup>th</sup>	2
7	Cranial bones	8 <sup>th</sup>	2
8	Facial bones	9 <sup>th</sup>	2
9	Spine and thoracic cage	10 <sup>th</sup>	2
10	Upper limb	11 <sup>th</sup>	2
11	Lower limb	12 <sup>th</sup>	2
12	Joints and skeletal muscles	13 <sup>th</sup>	2
13	Final practical exam	14 <sup>th</sup>	2
Total number of weeks and hours		13	26

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APPROVED

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د. مجاهد نصار