



Course Specification

(Bachelor)

Course Title: **Anatomy and Histology**

Course Code: **BMS26211**

Program: **All programs of Applied Medical Sciences**

Department: **Basic Medical Sciences**

College: **Applied Medical Sciences**

Institution: **University of Bisha**

Version: **1**

Last Revision Date: **1-2-1445 H**





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A. General information about the course:

1. Course Identification

1. Credit hours: 2 (1+1)				
2. Course type				
A.	☐ University	☒ College	☐ Department	☐ Track
B.	☒ Required		☐ Elective	
3. Level/year at which this course is offered: (3 rd level / 2 nd year)				
4. Course general Description:				
This is two-credit hours theoretical and practical course, it consists of two parts, the first covers the anatomy of human body organs, and the second covers the types of tissues and histology of different body organs.				
5. Pre-requirements for this course (if any):				
NA				
6. Pre-requirements for this course (if any):				
NA				
7. Course Main Objective(s):				
The primary goal of this course is to provide undergraduate student with a comprehensive understanding of the structure of the human body at both macroscopic and microscopic levels.				

2. Teaching mode

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	15	33.3%
2	E-learning		
3	Practical	30	66.7%





No	Mode of Instruction	Contact Hours	Percentage
4	Hybrid		
5	Distance learning		

3. Contact Hours (based on the academic semester)

No	Activity	Contact Hours
1.	Lectures	13
2.	Laboratory/Studio	30
3.	Tutorial	2
4.	Others (specify) Self-learning	30
Total		75

B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
1.0	Knowledge and understanding			
1.1	Describe the major organs and systems of the human body.	K2	Lectures, E-learning	Written exam, E-quize- assignments Oral exam
1.2	Recognize the anatomical structures of the human body systems	K2		
1.3	Describe the histological structure of different body tissues	K2		
2.0	Skills			
2.1	Perform proper examination of the human body parts	S1	Practical, Lab demonstration	Written exam, Practical exam (continues, mid & final), Oral exam
2.2	Identify the histological structure of different human organ	S1		
2.3	Apply safety measures during lab work	S4		
3.0	Values, autonomy, and responsibility			
3.1	Display teamwork spirit	V3	Practical	In lab evaluations E- assignment
3.2	Appreciate the need for life-long learning	V1		



C. Course Content

No	List of Topics- Theory	Contact Hours
1	Anatomical positions and anatomical terms	1
2	introduction in the normal histological structure of the cell. Order the main four body tissues.	2
3.	Types and anatomical classification of the muscles (Myology), the fine composition of the planned muscles, smooth muscle, and cardiac muscle.	1
4.	Types and anatomical & histological structure of the bones (osteology) and cartilage.	1
5.	Types and classification of the joint (Syndesmology)	1
6.	The anatomical & histological structure of the thoracic cage, lungs and pleura	1
7.	The anatomical & histological structure of the Heart and associated blood vessels.	1
8.	The abdominal cavity and peritoneum	1
9	The anatomical & histological structure of the digestive system, Liver, spleen and pancreas	3
10	The anatomical & histological structure of the urinary system	1
11	The anatomical & histological structure of the Male and Female genital system	1
12	introduction in the anatomical & histological structure of the Nervous system	1
Total		15
No	List of Topics- Practical	Contact Hours
1	Introduction of anatomy of different organs	2
2	Cytology	2
3	Epithelial tissue	2
4	Connective tissue, nervus tissue	4
5	Muscles of the upper limb and lower limb	4
6	Bones, Cartilage and Joint of the upper limb, lower limb	2
7	Thoracic Cavity, pleura, Respiratory system and Lung	2
8	Heart, pericardium and Blood (histology & anatomy)	2
9	Abdomen and Digestive system (histology & anatomy)	2
10	Liver, spleen and pancreas (histology & anatomy)	2
11.	Urinary system (histology & anatomy)	2
12.	Reproductive systems of male and females (histology & anatomy)	2
13.	Nervous system (histology & anatomy)	2
Total		30

D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	E-learning activities (Assignments and Quizzes)	5 th	15 %
2.	Lab evaluations	All through	10 %
3.	Oral exam	All through	5 %
4.	Midterm exam (Theoretical and Practical)	8 th	20 %
5.	Final practical exam	End of semester	20 %
6.	Final theory exam	End of semester	30 %
Total			100%

E. Learning Resources and Facilities

1. References and Learning Resources

Essential References	- Mescher A L (2016). Janquiera's Basic Histology. Text and Atlas. 14th. Ed. McGraw-Hill Education. - Moore K L, Dalley A F & Agur A M (2014). Clinically Oriented Anatomy. 7th. Ed. Lippincott Williams & Wilkins. - Snell R S (2012). Clinical Anatomy by Regions. 9th. Ed. Lippincott Williams & Wilkins. - Snell R S (2006). Clinical Anatomy by Systems. Lippincott Williams & Wilkins
Supportive References	- Journal of Anatomy - Edited By: Julia Clarke, Thomas Gillingwater, Anthony Graham, Stefan Milz. Wiley online Library - Anatomical Sciences Education. Edited By: Richard L. Drake, PhD and Wojciech Pawlina, MD - Clinical Anatomy – Editor-in-Chief: R. Shane Tubbs. Wiley online Library - The Anatomical Record - Wiley online Library. Edited By: Kurt H. Albertine, PhD - Surgical and Radiologic Anatomy – Springer Link Gary's Human Anatomy
Electronic Materials	https://onlinemeded.org/ - Learning uploaded on the blackboard
Other Learning Materials	- Primal Pictures – 3D human Anatomy – informa - Acland's Video Atlas of human Anatomy - Visible Body - Anatomy & Physiology. Argosy Publishing, Inc. - Saudi electronic library

2. Required Facilities and equipment





Items	Resources
facilities	1. 2 Classrooms 30 students each 2. Small group discussion rooms 5 3. DR (anatomy) 4. Museum (anatomy) 5. Histology lab
Technology equipment	1. Smart board 2. Audiovisual aids 3. High speed internet 4. Blackboard
Other equipment	1. Light Microscopes 2. Complete set of histological slides 3. X-ray Boxes

F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Program Leaders Peer Reviewer Students Faculty Academic performance follows up committee. Students GPA	Direct / Indirect
Effectiveness of Students' assessment	Program Leaders Peer Reviewer Students Faculty Academic performance follows up committee. Examination committee	Direct / Indirect
Quality of learning resources	Program Leaders Peer Reviewer Students Faculty PLOs assessment committee	Direct / Indirect
The extent to which CLOs have been achieved	Program Leaders Peer Reviewer Students Faculty Academic performance follows up committee. Examination committee Students Results	Direct / Indirect

G. Specification Approval

COUNCIL /COMMITTEE	DEPARTMENT COUNCIL
REFERENCE NO	1/1444-1445
DATE	5/2/1445



