



Department:

Title of the Program: Bachelor of Dental Surgery BDS

Course Specification of Human Anatomy

	I. Course Identification and General Information:							
1	Course Title:	Human A	Anatomy					
2	Course Code & Number:	DBHA1	101					
			С.Н			Total		
3	Credit hours:	Lecture	Seminar/Tutorial	Practical	Training	Total		
		2		2		3		
4	Study level/ semester at which this course is offered:	First Yea	r – First Semester					
5	Pre –requisite (if any):	None						
6	Co –requisite (if any):	None						
7	Program (s) in which the course is offered:	Bachelor of Dental Surgery						
8	Teaching Language:	English						
9	Study System:	Semester based System						
10	Prepared by:	Mohammed Ali Ahmed Shaalan						
11	Approval date:	2023/2024						
12	Approved by:	Prof. Has	an Al-Shamahy & D	r. Muneer A	l-azzani			

II. Course Description:

This course planned to provide comprehensive knowledge about the basic structure of the human body and its clinical significance that provides a strong foundation for future studies. It deals with human morphology in a systematic approach that starts with the cellular level of organization followed by tissue, organ and system.

Vice Dean for Quality Assurance Affairs Dr. Muneer Al-Azzani Dean of the Faculty Dr Hasan Alshamahy Academic Development Center & Quality Assurance Ass. Prof. Huda Al-Emad

Ministry of Higher Education and Scientific Research Sana'a University Faculty of Dentistry Quality Assurance Unit



اليجمئ وتيته المجمنييّ) وزارة التعليم العالي والبحث العلمي جامعة صنعاء كلية طب الاسنان

وحدة ضمان الجودة

III.	Course Intended learning outcomes (CILOs) of the course (maximum 8CILOs)	Referenced PILOs (Only write code number of reference Program Intended learning outcomes)						
Know	Knowledge and Understanding							
By the	end of this course, the student will be able to:							
a.1	Identify different body structures, different systems and organs of the human body	A1-A2						
a.2	Understand a clear idea about the different disciplines of anatomy, the anatomical terms of positions and movements and the different tissues of the body.	A1-A2						
a.3	Describe the structure and functions of the different systems of the human body with reference to the clinical significance of each.	A2						
	ectual Skills: end of this course, the student will be able to							
b.1	Enhance the manual and surgical skills	B1,B6						
b.2	Distinguish position, relation, blood supply and drainage, lymphatics and nerve supply of different organs and structures	B2						
	ssional and Practical Skills end of this course, the student will be able to							
c.1	Teaching the student how to deal with the human body	C1						
c.2	Correlation between structure and function of different organs and systems of the body.	C5						
	ferable (General) Skills: end of this course, the student will be able to							
d.1.	Understanding and integration between anatomy and different subjects learned.	D1-D2						

(A) Alignment Course Intended Learning Outcomes of Knowledge and Understanding to Teaching and Assessment Strategies:

Course Intended Learning Outcomes	Teaching strategies	Assessment Strategies
 a.1 Identify the structures, components, systems, Regions, parts, organs, cavities of human body a.2 Understand a clear idea about the different disciplines of anatomy, the anatomical terms of positions and movements and the different tissues of the body. 	Lectures Demonstration Discussion Presentation	Quizzes Midterm Exam Final Exam Assignment Oral Exam
a.3 Describe the structure and functions of the different systems of the human body with reference to the clinical significance of each		

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(B) Alignment Course Intended Learning Outcomes of Intellectual Skills to Teaching and Assessment Strategies:						
Course Intended Learning Outcom	es	Teaching strategie	s Assessment Strategies			
 b.1 Enhance the manual and surgical skills b.2 Distinguish position, relation, blood supply drainage, lymphatics and nerve supply of diffeorgans and structures 	Lectures Demonstration Discussion Presentation	Lecture Demonstration Discussion Presentation				
(C) Alignment Course Intended Learning Outcomes of Professional and Practical Skills to Teaching and Assessment Strategies:						
Course Intended Learning Outcom	es	Teaching strategie	s Assessment Strategies			
 c.1 Teaching the student how to deal with the body c.2 Correlation between structure and function of different organs and systems of the body. 	Lectures exercise	Exam Homework				
(D) Alignment Course Intended		ng Outcomes of Trar essment Strategies:	nsferable Skills to Teaching			
Course Intended Learning Outcomes	Tea	ching strategies	Assessment Strategies			
d.1 Understanding and integration between anatomy and different subjects learned.	Exercise Discusse Brainste Self-ste	sion forming	Homework Group work Research			

	IV. Course Content:							
First: 7	First: Theoretical Aspects							
Order	Units/Topics List	Learning Outcomes	Subtopics List	Number of Weeks	contact hours			
1	Introduction to anatomy	a 1,a2,b1	- Definitions, body cavities, term of positions, Planes, movements and relation	1	2			
2	Skeletal system	a1-a3, b1-b3	-Bones: structure, forms, functions, classifications and fontanels - Cartilages: types, functions - joints: types	3	6			
3	Muscular system	a1-a3, b1-b3	 Classification, function Examples (Masticatory, facial expression, abdominal, pelvic floor) 	2	4			

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4	Cardiovascular system	a1-a3, b1-b3	- Pericardium and heart size, shape, chambers and valves	1	2	
5	Midterm Exam	al-a3, b1-b3		1	2	
6	Cardiovascular system	a1-a3, b1-b3	-Circulation Blood -Vessels (Arteries Veins)	1	2	
7	Respiratory system	a1-a3, b1-b3	 Nose, paranasal sinuses, pharynx, - Larynx, trachea, Lungs, pleura, Bronchi, bronchioles, alveoli 	1	2	
8	Nervous system	a1-a3, b1-b3	CNS -PNS	1	2	
10	Digestive system	a1-a3, b1-b3	Mouth, pharynx, esophagus, stomach, intestine and accessory organs	2	4	
11	Urinary system	a1-a3, b1-b3	Kidney, ureter, urinary bladder and urethra	1	2	
12	Endocrine system	a1-a3, b1-b3	Pituitary, thyroid, parathyroid, thymus, and adrenal gland	1	2	
13	Final Exam	a1-a3, b1-b3		1	2	
	Number of Weeks /and Units Per Semester (2 Semesters)					

Seco	Second: Practical/Tutorial/Clinical Aspects Write up practical/tutorial/clinical topics								
No.	Practical/Tutorial/Clinical topics	No. of Weeks	Contact Hours	CILOs					
1	Bones	2	4	c1-c2					
2	Joints	1	2	c1-c2					
3	Muscles	1	2	c1-c2					
4	Cardiovascular systems	2	4	c1-c2					
5	Respiratory systems	1	2	c1-c2					
6	Nervous system	2	4	c1-c2					
8	Digestive system	2	4	c1-c2					
9	Urinary system	1	2	c1-c2					

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10	Endocrine system	1	2	c1-c2
11	Final Exam	1	2	c1-c2
Tota	l number of weeks and hours	14	28	

V. Teaching strategies of the course:

- Lectures
- Exercise
- Discussion
- Brainstorming
- Self-study
- Demonstration
- Presentation

	VI. Assignments:						
No. Assignments Aligned CILOs (symbols) Week Due Matrix							
1	Research, Group work and practical work	b1-b3, d1	10^{th}	10			
	Total		10				

VII. Learning Assessment								
No.	А	ssessment Ta	Tasks Week due Mark Proportion of Final Assessment		Aligned CILOs			
	Assess	ment of The	eoretical I	Part				
1	Quizzes			4 th	5		5%	a1,a2,b1
2	Mid-Te	rm Exam		8 th	20		20%	a1,a2,b1-b3
3	Oral Ex	am		13 th	5		5%	a1,a2,b1-b3
4	4 Final Exam			16 th	40	40%		a1,a2,b1-b3
		Total			70	70%		
	Assess	ment of Pra	ctical Pa	rt				
1	Assessm	ient		10 th	10	10%		b1-b3, d1
2	Final Ex	xam (Practica	l)	14 th	20	20%		c1-c2
	Total					30%		
Prepared by Dr. Mohammed Shaalan Head of Department Dr Hasan Alshamahy Dr. Muneer A		Affairs	Dean of the Fa Dr Hasan Alshamah	1	Academic Development Center & Quality Assurance Ass. Prof. Huda Al-	Rector of Sana'a University Dr. Al-Qassim Mohammed Abbas		

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VIII. Learning Resources:

Written in the following order: (Author - Year of publication – Title – Edition – Place of publication – Publisher).

1- Required Textbook(s) (maximum two).

1- Standring, S., Borley, N. R., & Gray, H. (2008). Gray's anatomy: the anatomical basis of clinical practice. 40th ed., anniversary ed. Edinburgh: Churchill Livingstone/Elsevier

2- Essential References.

Hamilton, W. J. (et al.). 2001, Hamilton's textbook of basic anatomy, 6th edition.
 Martin E. Atkinson. 2000. Anatomy for dental students ,Latest Edition. Mosby

3- Electronic Materials and Web Sites etc.

1- https://onlinelibrary.wiley.com > journal of Anatomy

IX. Course Policies:							
	Class Attendance)						
1	Attendance of students is taken at beginning of lecture time The allowed absence percentage is 20% without excuse and 30% with acceptable excuse, - When student has been absent for more than 30% of course lectures without acceptable excuse, the student will be prohibited from entering subject the final exam.						
	Sardy)						
2	If the student came late to class for 15 minutes, he/she is registered absent but he/she allowed to enter the hall to listen lecture presentation.						
	Exam Attendance/Punctuality):						
	ccording to examination roles or policies: - If the student is absent in the year works exams, the						
3	ccision is referred to the teacher whether to allow or to reject according to the offered excuse I e student is absent in the final exam with an acceptable excuse, the student would be attended the						
	-sit exam as 1st trial If the student is absent in the final exam without an acceptable excuse, th						
	udent would be attended re-sit exam as 2nd trial.						
	Assignments & Projects):						
4	ccording to examination roles or policies: - The student should be attended the final exam at cer						
	time and according to the accredited exam table If the student came late after 15 minutes from the exam beginning, the student would be to attend the exam with oral monition of never repeat						
	In case of the repeat, the student prevented from entrance and considered absent.						
	Academic						
Prepa	by Head of Vice Dean for Quality Dean of the Faculty Center & Quality University	а					
Dr. Mo Sha	med Dr Hasan Assurance Affairs Dr Hasan Assurance Dr Al-Qassim						

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(Cheating):

5	According to examination roles or policies: - If the student cheated in the year works exams of the course, the student prohibited from entrance the final exam and given zero degree with prevented him from entrance the re-sit exam of this course If the student cheated in the final exam of the course, the student prohibited from the cheated course and the followed course and given zero degree in both courses, and prevented him from entrance the re-sit exams of them If the cheated course is the last at the exam table, the student prohibited from the cheated student didn't escape from payment and given zero degree in both courses, and prevented him from entrance the re-sit exams of them If the cheating is discovered in subsequent time, the cheated student didn't escape from payment and ordinance is referred to precision committee and the final decision is referred to the collage council If the cheating is discovered during the correcting the answered books, the corrector has written a report to the chairman of concerned department for taking available procedure The faculty council is able to segregate the student for one academic year in 2nd cheating trial and final segregation from the university after accreditation of university council in 3rd cheating trial.
6	(Plagiarism): According to examination roles or policies: Plagiarism means a student plagiarizes the personality of another student. Plagiarism for exam purpose: 1- Both students are prohibited from the plagiarized academic year and all results of them are rejected with prohibition of them from entrance the re-sit exam. 2- If the plagiarized student is from outside the university, the student is referred to the university policePlagiarism for other purposes: 1- Both students are warned as segregation. 2- If the plagiarized student is from outside the university, the student is referred to the university police.
7	(Other policies): The student should be followed the instructions for the exam entrance The student should be followed all systems & laws of the university.

Academic Development Center & Quality Assurance Ass. Prof. Huda Al-Emad



Quality Assurance Unit



Course Plan of

I. Information of Faculty Members responsible for the course:								
Name of Faculty Member	Dr. Mohammed Shaalan	Office Hours						
Location & Telephone No.		SAT	SUN	MON	TUE	WED	THU	
E-mail								

II.	II. Course Identification and General Information:									
1-	Course Title:	Human	Anatomy							
2-	Course Number & Code:	DBHA1101								
			C.]	H		Total				
3-	Credit hours:	Th.	Seminar	Pr.	F. Tr.	Totai				
		2		2		3				
4-	Study level/year at which this course is offered:	1 st Leve	el / 1 st Seme	ster						
5-	Pre –requisite (if any):	None								
6-	Co –requisite (if any):	None								
7-	Program (s) in which the course is offered	Bachelor of Dental Surgery								
8-	Language of teaching the course:	English								
9-	System of Study:	Semester based System								
10-	Location of teaching the course:	Faculty	of Dentistry	у						

III. Course Description:

This course planned to provide comprehensive knowledge about the basic structure of the human body and its clinical significance that provides a strong foundation for future studies. It deals with human morphology in a systematic approach that starts with the cellular level of organization followed by tissue, organ and system.

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IV. Intended learning outcomes (ILOs) of the course

After completing this course, students will be able to:

	I dentifier different he der structures different systems ond susses of the housen he der
a.1	Identify different body structures, different systems and organs of the human body
a.2	Understand a clear idea about the different disciplines of anatomy, the anatomical terms of
a.2	positions and movements and the different tissues of the body.
a.3	Describe the structure and functions of the different systems of the human body with
a.5	reference to the clinical significance of each.
b.1	Enhance the manual and surgical skills
b.2	Distinguish position, relation, blood supply and drainage, lymphatic and nerve supply of different
0.2	organs and structures
c.1	Teaching the student how to deal with the human body
c.2	Correlation between structure and function of different organs and systems of the body.
d.1	Understanding and integration between anatomy and different subjects learned

V. Course Content:

A. Theoretical Aspects

Α.	A. Theoretical Aspects									
Order	Units/	Topics List	Learning Outcomes		Subtopics List			contact hours		
1		duction to natomy	a 1,a2,b1	- Definitions, body cavities, term of positions, Planes, movements and relation			1 st	2		
2	Skele	tal system	a1-a3, b1-b3	-Bones: structure, forms, functions, classifications and fontanels - Cartilages: types, functions - joints: types			2^{nd} - 4^{th}	6		
3	Muscu	ılar system	a1-a3, b1-b3	 Classification, function Examples (Masticatory, facial expression, abdominal, pelvic floor) 			5 th -6 th	4		
4		iovascular ystem	a1-a3, b1-b3	- Pericardium and heart size, shape, chambers and valves			7^{th}	2		
5	Midt	erm Exam						2		
6		iovascular ystem	a1-a3, b1-b3	-Circulation Blood -Vessels (Arteries Veins)		9 th	2			
7		piratory ystem	a1-a3, b1-b3	- Nose, paranasal sinuses, pharynx, - Larynx, trachea,		10 th	2			
Dr. Mohammed Dr. Hasan Assurance		Vice Dean for Qu Assurance Affa Dr. Muneer Al-Az	irs	Dean of the Faculty Dr Hasan Alshamahy	Academic Development Center & Quality Assurance Ass. Prof. Huda Al- Emad	Rector of Unive Dr. Al-Q Mohamme	rsity assim			

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			- Lungs, pleura, Bronchi, bronchioles, alveoli		
8	Nervous system	a1-a3, b1-b3	CNS -PNS	11 th	2
10	Digestive system	a1-a3, b1-b3	Mouth, pharynx, esophagus, stomach, intestine and accessory organs	12 th - 13 th	4
11	Urinary system	a1-a3, b1-b3	Kidney, ureter, urinary bladder and urethra	14 th	2
12	Endocrine system	a1-a3, b1-b3	Pituitary, thyroid, parathyroid, thymus, and adrenal gland	15 th	2
13	Final Exam			16 th	2
	Number of Weeks /and Units Per Semester (2 Semesters)				

]	B. B. Practical//Clinical Aspects							
No.	Practical/Tutorial/Clinical topics	No. of Weeks	Contact Hours	CILOs				
1	Bones	1^{st} - 2^{nd}	4	c1-c2				
2	Joints	3 rd	2	c1-c2				
3	Muscles	4 th	2	c1-c2				
4	Cardiovascular systems	5^{th} - 6^{th}	4	c1-c2				
5	Respiratory systems	7^{th}	4	c1-c2				
6	Nervous system	8 ^{th -} 9 th	4	c1-c2				
8	Digestive system	10^{th} - 11^{th}	2	c1-c2				
9	Urinary system	12 th	2	c1-c2				
10	Endocrine system	13 th	2	c1-c2				
11	Final Exam	14 th	2	c1-c2				
Tota	l number of weeks and hours	14	28					

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VI. Teaching strategies of the course:

- Lectures
- Exercise
- Discussion
- Brainstorming
- Debate
- Self-study
- Demonstration
- Presentation

VII	VII. Assignments:								
No.	Assignments	Aligned CILOs (symbols)	Week Due	Mark					
1	Research, Group work and practical work	b1-b3, d1	10^{th}	10					
	Total		10						

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VIII. Learning Assessment						
No.	Assessment Tasks	Week due	Mark	Proportion of Final Assessment	Aligned CILOs	
	Assessment of Theoretical Part					
1	Quizzes	4 th	5	5%	a1,a2,b1	
2	Mid-Term Exam	8 th	20	20%	a1,a2,b1-b3	
3	Oral Exam	13^{th}	5	5%	a1,a2,b1-b3	
4	Final Exam	16 th	40	40%	a1,a2,b1-b3	
	Total			70%		
	Assessment of Practical Part					
1	Assessment	10^{th}	10	10%	b1-b3, d1	
2	Final Exam	14^{th}	20	20%	c1-c2	
	Total			30%		

IX. Learning Resources:

Written in the following order: (Author - Year of publication – Title – Edition – Place of publication – Publisher).

1- Required Textbook(s) (maximum two).

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2- Essential References.

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Х	K. Course Policies:				
1	 Class Attendance: Attendance of students is taken at beginning of lecture time. After 15 minutes of lecture time the student is considered absent. When student has been absent for more than 25% of course contents, the student should be prohibited for entrance the final exam. 				
2	Tardy : - If the student came late to class for 15 minutes, he/she is registered absent but he/she allowed to enter the hall to listen lecture presentation.				
3	 Exam Attendance/Punctuality: -According to examination roles or policies: - If the student is absent in the year works exams, the decision is referred to the teacher whether to allow or to reject according to the offered excuse. - If the student is absent in the final exam with an acceptable excuse, the student would be attended the re-sit exam as 1st trial. - If the student is absent in the final exam without an acceptable excuse, the student would be attended re-sit exam as 2nd trial. 				
4	 Assignments & Projects: According to examination roles or policies: - The student should be attended the final exam at certain time and according to the accredited exam table. - If the student came late after 15 minutes from the exam beginning, the student would be to attend the exam with oral monition of never repeat. - In case of the repeat, the student prevented from entrance and considered absent. 				
5	 Cheating: According to examination roles or policies: If the student cheated in the year works exams of the course, the student prohibited from entrance the final exam and given zero degree with prevented him from entrance the re-sit exam of this course. If the student cheated in the final exam of the course, the student prohibited from the cheated course and the followed course and given zero degree in both courses, and prevented him from entrance the re-sit exams of them. If the cheated course is the last at the exam table, the student prohibited from the cheated course and given zero degree in both courses, and prevented him from entrance the re-sit exams of them. If the cheated course is the last at the exam table, the student prohibited from the cheated course and given zero degree in both courses, and prevented him from entrance the re-sit exams of them. If the cheating is discovered in subsequent time, the cheated student didn't escape from payment and ordinance is referred to precision committee and the final decision is referred to the collage council. If the cheating is discovered during the correcting the answered books, the corrector has written a report to the chairman of concerned department for taking available procedure. 				

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	- The faculty council is able to segregate the student for one academic year in 2 nd cheating trial and final segregation from the university after accreditation of university council in 3rd cheating trial.
6	 Plagiarism: -According to examination roles or policies: Plagiarism means a student plagiarizes the personality of another student. Plagiarism for exam purpose: 1- Both students are prohibited from the plagiarized academic year and all results of them are rejected with prohibition of them from entrance the re-sit exam. 2- If the plagiarized student is from outside the university, the student is referred to the university police. -Plagiarism for other purposes: 1- Both students are warned as segregation. 2- If the plagiarized student is from outside the university, the student is referred to the university police.
7	Other policies: -The student should be followed the instructions for the exam entrance. - The student should be followed all systems & laws of the university.

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