

Republic of Yemen
Ministry of Higher Education & Scientific Research
Emirates International University



Faculty of Dentistry
Department of Basic Science
Doctor of Dental Surgery

Course Specification of General Medicine

Course No. (-----)



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Review committed:

Head of the Department

Quality Assurance head

Dean of Faculty



I. Course Identification and General Information:

1	Course Title:	General Medicine			
2	Course Code & Number:	----			
3	Credit Hours:	Credit Hours	Theory Hours		Lab. Hours
			Lecture	Exercise	
		2	2	--	--
4	Study Level/ Semester at which this Course is offered:	3 rd Level / 2 nd Semester			
5	Pre –Requisite (if any):	General pathology			
6	Co –Requisite (if any):	None			
7	Program (s) in which the Course is Offered:	Doctor of Dental Surgery			
8	Language of Teaching the Course:	English			
9	Study System:	Semester based System			
10	Mode of Delivery:	Full Time			
11	Location of Teaching the Course:	Faculty of Dentistry			
12	Prepared by:	Dr. Sam Da'er			

II. Course Description:

The course is aimed at teaching the student the principles of internal medicine as they pertain to provision of dental care. It focuses on the etiology, clinical manifestations and treatment of diseases including cardiovascular diseases, pulmonary diseases, gastro-intestinal diseases and Blood diseases.

III. Course Intended Learning Outcomes (CILOs) : Upon successful completion of the course, students will be able to:		Referenced PILOs Learning out of program		
A. Knowledge and Understanding:		I, A or E		
a1	Identify an increasing awareness of the basics of internal medicine			A4
a2	Describe effective communication skills with patients, their relatives and fellow medical practitioners			A2
a3	State of familiar with the pathological features and dental relevance of common disorders of the major organ systems			A1
B. Intellectual Skills:				
b1	Explore and reflect upon the relationship between internal medicine and the practice of dentistry.			B2
C. Professional and Practical Skills:				
c1	Ability to take a proper medical history, especially concerning cardio-respiratory diseases, haemorrhagic disorders, allergy and drug therapy.			C1
D. Transferable Skills:				
d1	Demonstrate collaborative teamwork and leadership spirit with responsibility to maintain professional competency.			D3

(A) Alignment of Course Intended Learning Outcomes (Knowledge and Understanding) to Teaching Strategies and Assessment Methods:			
Course Intended Learning Outcomes	Teaching Strategies	Assessment Strategies	
a1	Identify an increasing awareness of the basics of internal medicine	<ul style="list-style-type: none"> ▪ Lectures ▪ Discussion 	<ul style="list-style-type: none"> ▪ Quizzes ▪ Midterm exam. ▪ Final exam. ▪ Oral exam.

a2	Describe effective communication skills with patients, their relatives and fellow medical practitioners	<ul style="list-style-type: none"> Lectures Discussion 	<ul style="list-style-type: none"> Quizzes Midterm exam. Final exam. Oral exam.
a3	State of familiar with the pathological features and dental relevance of common disorders of the major organ systems	<ul style="list-style-type: none"> Lectures Discussion 	<ul style="list-style-type: none"> Quizzes Midterm exam. Final exam. Oral exam.

(B) Alignment of Course Intended Learning Outcomes (Intellectual Skills) to Teaching Strategies and Assessment Methods:

Course Intended Learning Outcomes		Teaching Strategies	Assessment Strategies
b1	Explore and reflect upon the relationship between internal medicine and the practice of dentistry.	<ul style="list-style-type: none"> Lecture Debate 	<ul style="list-style-type: none"> Assignments

(C) Alignment of Course Intended Learning Outcomes (Professional and Practical Skills) to Teaching Strategies and Assessment Methods:

Course Intended Learning Outcomes		Teaching Strategies	Assessment Strategies
c1	Ability to take a proper medical history, especially concerning cardio-respiratory diseases, haemorrhagic disorders, allergy and drug therapy.	<ul style="list-style-type: none"> Lectures Presentation Debate 	<ul style="list-style-type: none"> Homework

(D) Alignment of Course Intended Learning Outcomes (Transferable Skills) to Teaching Strategies and Assessment Methods:

Course Intended Learning Outcomes		Teaching Strategies	Assessment Strategies
d1	Demonstrate collaborative teamwork and leadership spirit with responsibility to maintain professional competency.	<ul style="list-style-type: none"> Presentation Discussion Brainstorming 	<ul style="list-style-type: none"> Homework

IV. Course Contents:

A. Theoretical Aspect:

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
1	Introduction	<ul style="list-style-type: none"> - Introduce the student with the methods of taking an anamnesis and examining the head and neck in internal medicine. - Introduce a student with a way of recognizing pathological signs and features. 	1	2	a1,b1
2	Cardiology	<ul style="list-style-type: none"> - Examination of the cardiac patient and congenital cardiac diseases - Ischemic heart disease, arrhythmias, and arterial hypertension - Myocarditis, pericarditis and cardiac insufficiency 	2	4	a1-a3, b1
3	Pulmonology	<ul style="list-style-type: none"> - Examination of the pulmonary patient - Inflammatory diseases of the pulmonary parenchyma - Asthma and allergic diseases of respiratory organs - Emergency conditions in pulmonology and pulmonary thromboembolism 	1	2	a1-a3,b1
4	Gastroenterology	<ul style="list-style-type: none"> - Diseases of the upper part of digestive tube -Diseases of the lower part of the digestive tube. - Liver diseases - Diseases of the biliary tract and pancreas - Inflammatory bowel diseases - Emergency conditions in gastroenterology 	3	6	a1-a3, b1
5	Midterm Exam		1	2	a1-a3, b1
6	Renal & urinary tract diseases	<ul style="list-style-type: none"> - Pituitary gland and neurohypophysis diseases - Diseases of thyroid and parathyroid glands - Adrenal gland diseases and avitaminosis 	2	4	a1-a3, b1

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours	Learning Outcomes (CILOs)
		- Diabetes mellitus			
7	Renal & urinary tract diseases	- Examination of nephrology patients, urinary infections. - Acute and chronic renal insufficiency. Hemodialysis and kidney transplantation.	1	2	a1-a3, b1
8	Hematology	- Clinical characteristics of hematologic patients - Disorders of erythrocyte and granulocyte blood cell line. Myeloproliferative diseases and diseases of the platelets - Coagulation disorders and transfusion medicine - Peripheral circulatory diseases	2	4	a1-a3, b1
9	Head and neck tumors	- Introduce a student with head and neck tumors, principles of diagnostics and therapy.	1	2	a2-a3, b1
10	Revision		1	2	a1-a3, b1
11	Final Exam		1	2	a1-a3, b1
Number of Weeks /and Units Per Semester			16	32	

V. Teaching Strategies of the Course:

- Lectures
- Debate
- Discussion
- Brainstorming
- Presentation

VI. Assessment Methods of the Course:

- Quizzes
- Midterm Exam (mcq questions, complete, short essay, enumerate, and define)
- Final Exam (mcq questions, complete, short essay, enumerate, and define)
- Oral Exam (will be performed by internal examiner through free discussion)
- Home work

VII. Assignments:

No.	Assignments	Week Due	Mark	Aligned CILOs (symbols)
1	presentation	2 nd -15 th	10	b1,c1,d1
Total			10	

VIII. Schedule of Assessment Tasks for Students During the Semester:

No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment	Aligned Course Learning Outcomes
1	Quizzes	4 th , 12 th	10	10%	a1, a2, b1
2	Midterm Exam	8 th	30	30%	a1-a3, b1
3	Assignments	2 nd - 15 th	10	10%	b1,c1,d1
4	Final Exam	16 th	50	50%	a1-a3, b1
Total			100	100%	

IX. Learning Resources:

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

Kasper D, Fauci A, Hauser S, Longo D, Jameson J, Loscalzo J. 2015. Harrison's Principles of Internal Medicine. 19th edition, The McGraw- Hill

2- Essential References:

Crispian Scully, 2014, Medical problems in dentistry, seven edition, Elsevier Ltd. All rights reserved

3- Electronic Materials and Web Sites etc.:

<https://onlinelibrary.wiley.com/journal/13652796>

X. Course Policies: (Based on the Uniform Students' By law (2007)

Class Attendance:	
1	Class Attendance is mandatory. A student is considered absent and shall be banned from taking the final exam if his/her absence exceeds 25% of total classes.

2	Tardiness: A student will be considered late if he/she is not in class after 10 minutes of the start time of class.
3	Exam Attendance/Punctuality: No student shall be allowed to the exam hall after 30 minutes of the start time, and shall not leave the hall before half of the exam time has passed.
4	Assignments & Projects: Assignments and projects must be submitted on time. Students who delay their assignments or projects shall lose the mark allocated for the same.
5	Cheating: Cheating is an act of fraud that results in the cancelation of the student's exam or assignment. If it takes place in a final exam, the penalties stipulated for in the Uniform Students' Bylaw (2007) shall apply.
6	Forgery and Impersonation: Forgery/Impersonation is an act of fraud that results in the cancelation of the student's exam, assignment or project. If it takes place in a final exam, the penalties stipulated for in the Uniform Students' Bylaw (2007) shall apply.
7	Other policies: The University official regulations in force will be strictly observed and students shall comply with all rules and regulations of the examination set by the Department, Faculty and University Administration.



Faculty of Dentistry

Department of Basic Science

Doctor of Dental Surgery

Course Plan (Syllabus) of General Medicine

Course No. (-----)

I. Information about Faculty Member Responsible for the Course:							
Name of Faculty Member:		Office Hours					
Location & Telephone No.:							
E-mail:		SAT	SUN	MON	TUE	WED	THU



II. Course Identification and General Information:

1	Course Title:	General Medicine			
2	Course Code & Number:	----			
3	Credit Hours:	Credit Hours	Theory Hours		Lab. Hours
			Lecture	Exercise	
		2	2	--	--
4	Study Level/ Semester at which this Course is offered:	3rd Level / 2nd Semester			
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III. Course Description:

The course is aimed at teaching the student the principles of internal medicine as they pertain to provision of dental care. It focuses on the etiology, clinical manifestations and treatment of diseases including cardiovascular diseases, pulmonary diseases, gastro-intestinal diseases and Blood diseases.



IV. Course Intended Learning Outcomes (CILOs) :

Upon successful completion of the Course, student will be able to:

A. Knowledge and Understanding:	
a1	Identify an increasing awareness of the basics of internal medicine
a2	Describe effective communication skills with patients, their relatives and fellow medical practitioners
a3	State of familiar with the pathological features and dental relevance of common disorders of the major organ systems
B. Intellectual Skills:	
b1	Explore and reflect upon the relationship between internal medicine and the practice of dentistry.
C. Professional and Practical Skills:	
c1	Ability to take a proper medical history, especially concerning cardio-respiratory diseases, haemorrhagic disorders, allergy and drug therapy.
D. Transferable Skills:	
d1	Demonstrate collaborative teamwork and leadership spirit with responsibility to maintain professional competency.

V. Course Contents:

A. Theoretical Aspect:

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours
1	Introduction	<ul style="list-style-type: none"> - Introduce the student with the methods of taking an anamnesis and examining the head and neck in internal medicine. - Introduce a student with a way of recognizing pathological signs and features. 	1	2
2	Cardiology	<ul style="list-style-type: none"> - Examination of the cardiac patient and congenital cardiac diseases - Ischemic heart disease, arrhythmias, and arterial hypertension - Myocarditis, pericarditis and cardiac insufficiency 	2	4

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours
3	Pulmonology	<ul style="list-style-type: none"> - Examination of the pulmonary patient - Inflammatory diseases of the pulmonary parenchyma - Asthma and allergic diseases of respiratory organs - Emergency conditions in pulmonology and pulmonary thromboembolism 	1	2
4	Gastroenterology	<ul style="list-style-type: none"> - Diseases of the upper part of digestive tube -Diseases of the lower part of the digestive tube. - Liver diseases - Diseases of the biliary tract and pancreas - Inflammatory bowel diseases - Emergency conditions in gastroenterology 	3	6
5	Midterm Exam		1	2
6	Renal & urinary tract diseases	<ul style="list-style-type: none"> - Pituitary gland and neurohypophysis diseases - Diseases of thyroid and parathyroid glands - Adrenal gland diseases and avitaminosis - Diabetes mellitus 	2	4
7	Renal & urinary tract diseases	<ul style="list-style-type: none"> - Examination of nephrology patients, urinary infections. - Acute and chronic renal insufficiency. Hemodialysis and kidney transplantation. 	1	2
8	Hematology	<ul style="list-style-type: none"> - Clinical characteristics of hematologic patients - Disorders of erythrocyte and granulocyte blood cell line. Myeloproliferative diseases and diseases of the platelets - Coagulation disorders and transfusion medicine - Peripheral circulatory diseases 	2	4
9	Head and neck tumors	<ul style="list-style-type: none"> - Introduce a student with head and neck tumors, principles of diagnostics and therapy. 	1	2

No.	Units/Topics List	Sub Topics List	Number of Weeks	Contact Hours
10	Revision		1	2
11	Final Exam		1	2
Number of Weeks /and Units Per Semester			16	32

VI. Teaching Strategies of the Course:

- Lectures
- Debate
- Discussion
- Brainstorming
- Presentation

VII. Assessment Methods of the Course:

- Quizzes
- Midterm Exam (mcq questions, complete, short essay, enumerate, and define)
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- Oral Exam (will be performed by internal examiner through free discussion).
- Home work

VIII. Assignments:

No.	Assignments	Week Due	Mark
1	presentation	2nd -15th	10
Total			10

IX. Schedule of Assessment Tasks for Students During the Semester:

No.	Assessment Method	Week Due	Mark	Proportion of Final Assessment
1	Quizzes	4 th , 12 th	10	10%
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Total			100	100%

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