



جمهورية العراق  
وزارة التعليم العالي و البحث العلمي  
كلية الطب - جامعة ديالى  
فرع طب الاسرة و المجتمع



المرحلة الثالثة:

المجموع الكلي للوحدات: ٣ وحدات (وحدتان للكورس الاول ووحدة واحدة للكورس الثاني).  
الكورس الاول: النظري وحدة واحدة (١) (ساعة واحدة اسبوعيا) و العملي وحدة واحدة (١) (ساعتان اسبوعيا).  
الكورس الثاني: النظري وحدة واحدة (١) (ساعة واحدة اسبوعيا) ولا يوجد عملي.

المنهاج الدراسي (المستوى الدراسي الثالث - الكورس الاول)					
الاسبوع	الساعات	مخرجات التعلم المطلوبة	اسم الوحدة / أو الموضوع	طريقة التعليم	طريقة التقييم
١	١	Introduction & Definitions	Biostatistics	Theory Lectures & Practical Sessions	Discussions, Reports, Quizzes, and Examinations (Theory & Practical)
	٢	Practical Training			
٢	١	Data Collection	Biostatistics	Theory Lectures & Practical Sessions	Discussions, Reports, Quizzes, and Examinations (Theory & Practical)
	٢	Practical Training			
٣	١	Sampling Methods	Biostatistics	Theory Lectures & Practical Sessions	Discussions, Reports, Quizzes, and Examinations (Theory & Practical)
	٢	Practical Training			
٤	١	Data Presentation	Biostatistics	Theory Lectures & Practical Sessions	Discussions, Reports, Quizzes, and Examinations (Theory & Practical)
	٢	Practical Training			
٥	١	Measurements of Central Tendency	Biostatistics	Theory Lectures & Practical Sessions	Discussions, Reports, Quizzes, and Examinations
	٢	Practical Training			

(Theory & Practical)					
Discussions, Reports, Quizzes, and Examinations (Theory & Practical)	Theory Lectures & Practical Sessions	Biostatistics	Measurements of Variability	۱	۶
			Practical Training	۲	
Discussions, Reports, Quizzes, and Examinations (Theory & Practical)	Theory Lectures & Practical Sessions	Biostatistics	Range & Variance	۱	۷
			Practical Training	۲	
Discussions, Reports, Quizzes, and Examinations (Theory & Practical)	Theory Lectures & Practical Sessions	Biostatistics	Standard Deviation & Coefficient of Variation	۱	۸
			Practical Training	۲	
Discussions, Reports, Quizzes, and Examinations (Theory & Practical)	Theory Lectures & Practical Sessions	Biostatistics	Probability (Part 1)	۱	۹
			Practical Training	۲	
Discussions, Reports, Quizzes, and Examinations (Theory & Practical)	Theory Lectures & Practical Sessions	Biostatistics	Probability (Part 2)	۱	۱۰
			Practical Training	۲	
Discussions, Reports, Quizzes, and Examinations (Theory & Practical)	Theory Lectures & Practical Sessions	Biostatistics	Student's t-Test	۱	۱۱
			Practical Training	۲	
Discussions, Reports, Quizzes, and Examinations (Theory & Practical)	Theory Lectures & Practical Sessions	Biostatistics	Chi-square Test (Part 1)	۱	۱۲
			Practical Training	۲	
Discussions, Reports, Quizzes, and Examinations (Theory & Practical)	Theory Lectures & Practical Sessions	Biostatistics	Chi-square Test (Part 2)	۱	۱۳
			Practical Training	۲	

Discussions, Reports, Quizzes, and Examinations (Theory & Practical)	Theory Lectures & Practical Sessions	Biostatistics	Correlation & Regression (Part 1)	١	١٤
			Practical Training	٢	
Discussions, Reports, Quizzes, and Examinations (Theory & Practical)	Theory Lectures & Practical Sessions	Biostatistics	Correlation & Regression (Part 2)	١	١٥
			Practical Training	٢	

المنهاج الدراسي (المستوى الدراسي الثالث - الكورس الثاني)					
طريقة التقييم	طريقة التعليم	اسم الوحدة / أو الموضوع	مخرجات التعلم المطلوبة	الساعات	الاسبوع
Discussions, Reports, Quizzes, and Examinations	Theory Lectures	Nutrition	Introduction & Definitions	١	١
Discussions, Reports, Quizzes, and Examinations	Theory Lectures	Nutrition	Nutrients	١	٢
Discussions, Reports, Quizzes, and Examinations	Theory Lectures	Nutrition	Proteins	١	٣
Discussions, Reports, Quizzes, and Examinations	Theory Lectures	Nutrition	Fats & Lipids	١	٤
Discussions, Reports, Quizzes, and Examinations	Theory Lectures	Nutrition	Carbohydrates	١	٥
Discussions, Reports, Quizzes, and Examinations	Theory Lectures	Nutrition	Vitamins	١	٦
Discussions, Reports, Quizzes, and Examinations	Theory Lectures	Nutrition	Minerals	١	٧
Discussions, Reports, Quizzes, and Examinations	Theory Lectures	Nutrition	Nutrition of Pregnant & Lactating Women	١	٨

Discussions, Reports, Quizzes, and Examinations	Theory Lectures	Nutrition	Nutrition in the Course of Hypertension & Diabetes Mellitus	١	٩
Discussions, Reports, Quizzes, and Examinations	Theory Lectures	Nutrition	Nutrition in the Course of Thyroid Disorders	١	١٠
Discussions, Reports, Quizzes, and Examinations	Theory Lectures	Nutrition	Nutrition in the Course of Anemia & Heart Failure	١	١١
Discussions, Reports, Quizzes, and Examinations	Theory Lectures	Nutrition	Nutrition in the Course of Renal Failure	١	١٢
Discussions, Reports, Quizzes, and Examinations	Theory Lectures	Nutrition	Total Energy Requirements (Part 1)	١	١٣
Discussions, Reports, Quizzes, and Examinations	Theory Lectures	Nutrition	Total Energy Requirements (Part 2)	١	١٤
Discussions, Reports, Quizzes, and Examinations	Theory Lectures	Nutrition	Nutritional Assessment & Recommended Dietary Allowance	١	١٥

#### المرحلة الرابعة:

المجموع الكلي للوحدات: ١٠ وحدات (٥ وحدات للكورس الاول و ٥ وحدات للكورس الثاني).

الكورس الاول: النظري ٣ وحدات (٣ ساعات اسبوعيا) و العملي وحدتان (٢) (٤ ساعات اسبوعيا).

الكورس الثاني: النظري ٣ وحدات (٣ ساعات اسبوعيا) و العملي وحدتان (٢) (٤ ساعات اسبوعيا).

المنهاج الدراسي (المستوى الدراسي الرابع - الكورس الاول)					
طريقة التقييم	طريقة التعليم	اسم الوحدة / أو الموضوع	مخرجات التعلم المطلوبة	الساعات	الاسبوع
Discussions, Reports, Quizzes, and Examinations	Theory Lectures & Practical / Clinical Sessions	General Epidemiology	Introduction & Definitions	١	١
		Occupational Medicine	Definition, History, and Objectives	١	

(Theory & Practical)		Primary Health Care System	PHC System (Health & Population)	١	
		Practical / Clinical Aspects of the Aforementioned Subjects	Practical / Clinical Training	٤	
Discussions, Reports, Quizzes, and Examinations (Theory & Practical)	Theory Lectures & Practical / Clinical Sessions	General Epidemiology	Incidence & Prevalence	١	٢
		Occupational Medicine	Functions of Occupational Health Centers	١	
		Primary Health Care System	PHC System (Public Health & Principles of PHC System)	١	
		Practical / Clinical Aspects of the Aforementioned Subjects	Practical / Clinical Training	٤	
Discussions, Reports, Quizzes, and Examinations (Theory & Practical)	Theory Lectures & Practical / Clinical Sessions	General Epidemiology	Measurements of Risk	١	٣
		Occupational Medicine	Heat	١	
		Primary Health Care System	PHC System (Al-mata Declaration & Components of PHC System)	١	
		Practical / Clinical Aspects of the Aforementioned Subjects	Practical / Clinical Training	٤	
Discussions, Reports, Quizzes, and Examinations (Theory & Practical)	Theory Lectures & Practical / Clinical Sessions	General Epidemiology	Sources of Infections	١	٤
		Occupational Medicine	Cold	١	
		Primary Health Care System	PHC System (Levels of Care)	١	
		Practical / Clinical Aspects of the Aforementioned Subjects	Practical / Clinical Training	٤	

Discussions, Reports, Quizzes, and Examinations (Theory & Practical)	Theory Lectures & Practical / Clinical Sessions	General Epidemiology	Definitions & Common Terms of Communicable Diseases	1	5
		Occupational Medicine	Pressure	1	
		Primary Health Care System	PHC System (Needs & Benefits)	1	
		Practical / Clinical Aspects of the Aforementioned Subjects	Practical / Clinical Training	4	
Discussions, Reports, Quizzes, and Examinations (Theory & Practical)	Theory Lectures & Practical / Clinical Sessions	General Epidemiology	Study Design	1	6
		Occupational Medicine	Noise	1	
		Primary Health Care System	PHC System (Referral System)	1	
		Practical / Clinical Aspects of the Aforementioned Subjects	Practical / Clinical Training	4	
Discussions, Reports, Quizzes, and Examinations (Theory & Practical)	Theory Lectures & Practical / Clinical Sessions	General Epidemiology	Screening for Diseases	1	7
		Occupational Medicine	Vibration	1	
		Primary Health Care System	PHC System (Strategies of PHC System)	1	
		Practical / Clinical Aspects of the Aforementioned Subjects	Practical / Clinical Training	4	
Discussions, Reports, Quizzes, and Examinations (Theory & Practical)	Theory Lectures & Practical / Clinical Sessions	General Epidemiology	Evaluation of Screening Tests	1	8
		Occupational Medicine	Ionizing & Non-ionizing Radiation	1	
		Primary Health Care System	Child Health Care (Part 1)	1	

		Practical / Clinical Aspects of the Aforementioned Subjects	Practical / Clinical Training	ε	
Discussions, Reports, Quizzes, and Examinations (Theory & Practical)	Theory Lectures & Practical / Clinical Sessions	General Epidemiology	Investigation of Epidemics	γ	9
		Occupational Medicine	Chemical Hazards (Toxicology & Body Defense)	γ	
		Primary Health Care System	Child Health Care (Part 2)	γ	
		Practical / Clinical Aspects of the Aforementioned Subjects	Practical / Clinical Training	ε	
Discussions, Reports, Quizzes, and Examinations (Theory & Practical)	Theory Lectures & Practical / Clinical Sessions	Infectious Diseases	Acute Respiratory Infection (ARI)	γ	10
		Occupational Medicine	Lung Diseases (Asbestosis & Pneumoconiosis)	γ	
		Primary Health Care System	Maternal Health Care (Antenatal Care & Nutrition during Pregnancy)	γ	
		Practical / Clinical Aspects of the Aforementioned Subjects	Practical / Clinical Training	ε	
Discussions, Reports, Quizzes, and Examinations (Theory & Practical)	Theory Lectures & Practical / Clinical Sessions	Infectious Diseases	Whooping Cough	γ	11
		Occupational Medicine	Lung Diseases (Silicosis & Byssinosis)	γ	
		Primary Health Care System	Maternal Health Care (Maternal Mortality)	γ	
		Practical / Clinical Aspects of the Aforementioned Subjects	Practical / Clinical Training	ε	
Discussions, Reports,	Theory Lectures &	Infectious Diseases	Mumps	γ	12

Quizzes, and Examinations (Theory & Practical)	Practical / Clinical Sessions	Occupational Medicine	Occupational Skin Diseases	١	
		Primary Health Care System	Vaccination (Part 1)	١	
		Practical / Clinical Aspects of the Aforementioned Subjects	Practical / Clinical Training	٤	
Discussions, Reports, Quizzes, and Examinations (Theory & Practical)	Theory Lectures & Practical / Clinical Sessions	Infectious Diseases	Diphtheria	١	١٣
		Occupational Medicine	Heavy Metals	١	
		Primary Health Care System	Vaccination (Part 2)	١	
		Practical / Clinical Aspects of the Aforementioned Subjects	Practical / Clinical Training	٤	
Discussions, Reports, Quizzes, and Examinations (Theory & Practical)	Theory Lectures & Practical / Clinical Sessions	Infectious Diseases	Tetanus	١	١٤
		Occupational Medicine	Occupational Accidents	١	
		Primary Health Care System	Administration (Part 1)	١	
		Practical / Clinical Aspects of the Aforementioned Subjects	Practical / Clinical Training	٤	
Discussions, Reports, Quizzes, and Examinations (Theory & Practical)	Theory Lectures & Practical / Clinical Sessions	Infectious Diseases	Poliomyelitis	١	١٥
		Occupational Medicine	Biological Hazards	١	
		Primary Health Care System	Administration (Part 2)	١	
		Practical / Clinical Aspects of the Aforementioned Subjects	Practical / Clinical Training	٤	

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طريقة التقييم	طريقة التعليم	اسم الوحدة / أو الموضوع	مخرجات التعلم المطلوبة	الساعات	الاسبوع
Discussions, Reports,	Theory Lectures &	Infectious Diseases	Amebic Dysentery	١	١



Quizzes, and Examinations (Theory & Practical)	Practical / Clinical Sessions	Environmental Medicine	Definition, and Biological, Physical, and Social Environment (Part 1)	γ	
		Primary Health Care System	Health Education (Part 1)	γ	
		Practical / Clinical Aspects of the Aforementioned Subjects	Practical / Clinical Training	ε	
Discussions, Reports, Quizzes, and Examinations (Theory & Practical)	Theory Lectures & Practical / Clinical Sessions	Infectious Diseases	Typhoid Fever	γ	ϒ
		Environmental Medicine	Definition, and Biological, Physical, and Social Environment (Part 2)	γ	
		Primary Health Care System	Health Education (Part 2)	γ	
		Practical / Clinical Aspects of the Aforementioned Subjects	Practical / Clinical Training	ε	
Discussions, Reports, Quizzes, and Examinations (Theory & Practical)	Theory Lectures & Practical / Clinical Sessions	Infectious Diseases	Meningococcal Meningitis	γ	ϒ
		Environmental Medicine	Air Pollution (Part 1)	γ	
		Primary Health Care System	Family Medicine (Part 1)	γ	
		Practical / Clinical Aspects of the Aforementioned Subjects	Practical / Clinical Training	ε	
Discussions, Reports, Quizzes, and Examinations (Theory & Practical)	Theory Lectures & Practical / Clinical Sessions	Infectious Diseases	Leishmaniasis	γ	ε
		Environmental Medicine	Air Pollution (Part 2)	γ	
		Primary Health Care System	Family Medicine (Part 2)	γ	

		Practical / Clinical Aspects of the Aforementioned Subjects	Practical / Clinical Training	ε	
Discussions, Reports, Quizzes, and Examinations (Theory & Practical)	Theory Lectures & Practical / Clinical Sessions	Infectious Diseases	Hepatitis A	ϑ	ο
		Environmental Medicine	Water Pollution (Part 1)	ϑ	
		Primary Health Care System	School Health Services	ϑ	
		Practical / Clinical Aspects of the Aforementioned Subjects	Practical / Clinical Training	ε	
Discussions, Reports, Quizzes, and Examinations (Theory & Practical)	Theory Lectures & Practical / Clinical Sessions	Infectious Diseases	Hepatitis B	ϑ	ϒ
		Environmental Medicine	Water Pollution (Part 2)	ϑ	
		Primary Health Care System	Mental Health & Mental Disorders (Part 1)	ϑ	
		Practical / Clinical Aspects of the Aforementioned Subjects	Practical / Clinical Training	ε	
Discussions, Reports, Quizzes, and Examinations (Theory & Practical)	Theory Lectures & Practical / Clinical Sessions	Infectious Diseases	Hemorrhagic Fever	ϑ	ϛ
		Environmental Medicine	Acid Rain	ϑ	
		Primary Health Care System	Mental Health & Mental Disorders (Part 2)	ϑ	
		Practical / Clinical Aspects of the Aforementioned Subjects	Practical / Clinical Training	ε	
Discussions, Reports, Quizzes, and Examinations	Theory Lectures & Practical /	Infectious Diseases	Brucellosis	ϑ	Ϝ
		Environmental Medicine	Soil Pollution	ϑ	

(Theory & Practical)	Clinical Sessions	Primary Health Care System	Millenium Development Goals	۱	
		Practical / Clinical Aspects of the Aforementioned Subjects	Practical / Clinical Training	۴	
Discussions, Reports, Quizzes, and Examinations (Theory & Practical)	Theory Lectures & Practical / Clinical Sessions	Infectious Diseases	Measles	۱	۹
		Environmental Medicine	Global Warming	۱	
		Primary Health Care System	Acquired Immunodeficiency Syndrome (AIDS)	۱	
		Practical / Clinical Aspects of the Aforementioned Subjects	Practical / Clinical Training	۴	
Discussions, Reports, Quizzes, and Examinations (Theory & Practical)	Theory Lectures & Practical / Clinical Sessions	Infectious Diseases	Tuberculosis	۱	۱۰
		Environmental Medicine	Green House Effects	۱	
		Primary Health Care System	Sexually Transmitted Diseases (Part 1)	۱	
		Practical / Clinical Aspects of the Aforementioned Subjects	Practical / Clinical Training	۴	
Discussions, Reports, Quizzes, and Examinations (Theory & Practical)	Theory Lectures & Practical / Clinical Sessions	Infectious Diseases	Cholera	۱	۱۱
		Environmental Medicine	Ozone Depletion and Ultraviolet Radiation Health Effects (Part 1)	۱	
		Primary Health Care System	Sexually Transmitted Diseases (Part 2)	۱	
		Practical / Clinical Aspects of the Aforementioned Subjects	Practical / Clinical Training	۴	
Discussions, Reports, Quizzes, and Examinations	Theory Lectures & Practical /	Cancer	Cancer	۱	۱۲
		Environmental Medicine	Ozone Depletion and Ultraviolet	۱	

Examinations (Theory & Practical)	Clinical Sessions		Radiation Health Effects (Part 2)		
		Primary Health Care System	Reproductive Health	١	
		Practical / Clinical Aspects of the Aforementioned Subjects	Practical / Clinical Training	٤	
Discussions, Reports, Quizzes, and Examinations (Theory & Practical)	Theory Lectures & Practical / Clinical Sessions	Cardiovascular Diseases	Ischemic Heart Diseases	١	١٣
		Environmental Medicine	Environmental Sanitation and Hygiene	١	
		Primary Health Care System	Family Planning (Part 1)	١	
		Practical / Clinical Aspects of the Aforementioned Subjects	Practical / Clinical Training	٤	
Discussions, Reports, Quizzes, and Examinations (Theory & Practical)	Theory Lectures & Practical / Clinical Sessions	Cardiovascular Diseases	Hypertension	١	١٤
		Environmental Medicine	Hospital Waste	١	
		Primary Health Care System	Family Planning (Part 2)	١	
		Practical / Clinical Aspects of the Aforementioned Subjects	Practical / Clinical Training	٤	
Discussions, Reports, Quizzes, and Examinations (Theory & Practical)	Theory Lectures & Practical / Clinical Sessions	International Statistical Classification of Diseases and Related Health Problems (ICD)	ICD-10	١	١٥
		Environmental Medicine	Sewage Disposal	١	
		Primary Health Care System	Population Pyramid	١	
		Practical / Clinical Aspects of the Aforementioned Subjects	Practical / Clinical Training	٤	