

Course Description Form

1. Course Name:	
Family and community medicine	
2. Course Code:	
COMCom-32	
3. Semester / Year:	
Second Semesters/ third stage	
4. Description Preparation Date:	
5. Available Attendance Forms:	
6. Number of Credit Hours (Total) / Number of Units (Total)	
4/2	
7. Course administrator's name (mention all, if more than one name)	
Prof. Ali Abd Ali Sahib Assistant Prof. Dr. Atheer Al saffar Assistant Prof. Dr. Nibras Alaa Hussain Lecturer: Dr. Methaq Hasan Hommodi Lecturer: Dr. Luma kareem Mohammad Email: methaghassan@ced.nahrainuniv.edu.iq	
8. Course Objectives	
Course Objectives	To prepare highly qualified doctors able to meet the community health needs, capable of gathering medical data relevant to these needs and analyze these data statistically.
9. Teaching and Learning Strategies	
Strategy	The course provides the following: <ul style="list-style-type: none"> - Descriptive statistics with different statistical problem solving - Knowledge of principles of PHC - Knowledge of environmental problems that affect health - Knowledge of common nutritional diseases and calculating individual nutritional needs

11. Course Structure

Week	Hours	ILOs	Unit/Module or Topic Title	Teaching Method	Assessment Method
1	2 theory 2 practical		Introduction: Biostatistics – Data Presentation	PPT, statistical problem	
2	2 theory 2 practical		Environmental Hazards-air pollution Biostatistics – sampling	PPT, statistical problem	
3	2 theory 2 practical		Introduction to Primary Health Care Biostatistics – Central Tendency	PPT, statistical problem	
4	2 theory 2 practical		Water pollution Biostatistics – Dispersion Measures	PPT, statistical problem	
5	2 theory 2 practical		Primary Health Care (characteristics, Elements and Principles) Biostatistics: Probability & normal distribution curve	PPT, statistical problem	
6	2 theory 2 practical		Hazardous waste Biostatistics – Estimation	PPT, statistical problem	
7	2 theory 2 practical		Primary Health Care (Obstacles) Biostatistics – Hypothesis Testing	PPT, statistical problem	
8	2 theory 2 practical		Primary Health Care (Seven star doctors) Introduction to nutrition	PPT, statistical problem	
9	2 theory 2 practical		Biostatistics – Chi Test Global warming	PPT, statistical problem	
10	2 theory 2 practical		Biostatistics – One Samples Healthcare waste	PPT, statistical problem	
11	2 theory 2 practical		Biostatistics – Two Sample Nutritional Assessment	PPT, statistical problem	
12	2 theory 2 practical		Biostatistics – Paired Test The Millennium Development Goals	PPT, statistical problem	

13	2 theory 2 practical		Biostatistics correlation Nutrients deficiency	PPT, Nutrition assessment	
14	2 theory 2 practical		Biostatistics regression protein energy malnutrition	PPT, protein requirement	
15	2 theory 2 practical		Primary Health Care (Levels of care) Clinical cases review	Case based discussion	

10. Course Evaluation	
Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports etc	
11. Learning and Teaching Resources	
Required textbooks (curricular books, if any)	1. Biostatistics, Danials 2014, Weyee
Main references (sources)	PencheonD,etal. Oxford Handbook of Public Health Practice.2nd ed. 2006.
Recommended books and references (scientific journals, reports...)	Text book of occupational and environmental medicine. 2011, fifth edition
Electronic References, Websites	1. Manual and books of Iraqi MOH 2. WHO & UNICEF websites

Course Description Form

12. Course Name:
Family and community medicine
13. Course Code:
COMCom-31
14. Semester / Year:
First Semesters/ Fourth stage
15. Description Preparation Date:
16. Available Attendance Forms:

17. Number of Credit Hours (Total) / Number of Units (Total)	
6/4.5	
18. Course administrator's name (mention all, if more than one name)	
<p>Prof. Ali Abd Ali Sahib Assistant Prof. Dr. Atheer Al saffar Assistant Prof. Dr. Nibras Alaa Hussain Lecturer: Dr. Methaq Hasan Hommodi Lecturer: Dr. Luma kareem Mohammad</p> <p>Email: methaqhassan@ced.nahrainuniv.edu.iq</p>	
19. Course Objectives	
Course Objectives	To prepare high level doctors capable of conducting researches and studies about community health problems and healthy life style with implementation of primary health care programs.
20. Teaching and Learning Strategies	
Strategy	<p>The course provides the following:</p> <ul style="list-style-type: none"> - Knowledge of programs concerned with mother and child health - Knowledge of behavior related diseases - Knowledge of epidemiological distribution of diseases. - Knowledge of types of researches study design - Knowing the risk of occupations - Knowledge of the family medicine doctor rules and duties

11. Course Structure					
Week	Hours	ILOs	Unit/Module or Topic Title	Teaching Method	Assessment Method
1	3 theory 3 practical		Epidemiology of Occupational Medicine Introduction to Family Medicine School health program	PPT, PHC center visit	
2	3 theory 3 practical		Introduction to epidemiology Dynamics of disease transmission School health psychology	PPT, PHC center visit	
3	3 theory 3 practical		Occupational hazards Family Medicine, Principles PHC psychology	PPT, problem solving	
4	3 theory 3 practical		Epidemiology- Outbreak Family Medicine, making decisions Breast Feeding	PPT, problem solving	
5	3 theory 3 practical		Antenatal care programs Epidemiology- Investigation of epidemic Growth Monitoring	PPT, problem solving	
6	3 theory 3 practical		Heavy metals Maternal mortality- causes and prevention Family Planning	PPT, problem solving	
7	3 theory 3 practical		Epidemiology- Risk assessment Methodology of Research-introduction Immunization	PPT, problem solving	
8	3 theory 3 practical		Epidemiology- Cause and effect Family Medicine, Approach to health through human life IMNCH-1	PPT, problem solving	
9	3 theory 3 practical		Study designs Occupational lung diseases IMNCH-1	PPT, problem solving	
10	3 theory 3 practical		Demography-Rates, proportion, ratios Systemic effect of	PPT, problem solving	

			occupational hazards		
11	3 theory 3 practical		Analytic study design Demography-Life table	PPT, problem solving	
12	3 theory 3 practical		Demography- Population pyramids Sociology of medicine	PPT, problem solving	
13	3 theory 3 practical		Research ethics Evidence - Based Medicine	PPT, problem solving	
14	3 theory 3 practical		Communication skills and patient doctor relationship Occupational health effect	PPT, problem solving	
15	3 theory 3 practical		School health programs ICD11	PPT, problem solving	

21. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports etc

22. Learning and Teaching Resources

Required textbooks (curricular books, if any)	2. Leon Gordis. Epidemiology, 2009, 4th edition
Main references (sources)	<ol style="list-style-type: none"> 1. Hennekens C H and Buring J E. Epidemiology in medicine.2nd edition 2. Essentials of Family Medicine (2012) 3. Taylors Manual of Family Medicine (2015)
Recommended books and references (scientific journals, reports...)	Text book of occupational and environmental medicine William rom.2020,
Electronic References, Websites	<ol style="list-style-type: none"> 3. WHO website 4. CDC website

Course Description Form

1. Course Name:

Family and community medicine	
2. Course Code:	
COMCom-42	
3. Semester / Year:	
Second Semesters/ Fourth stage	
4. Description Preparation Date:	
5. Available Attendance Forms:	
6. Number of Credit Hours (Total) / Number of Units (Total)	
4/3.5	
7. Course administrator's name (mention all, if more than one name)	
Prof. Ali Abd Ali Sahib Assistant Prof. Dr. Atheer Al saffar Assistant Prof. Dr. Nibras Alaa Hussain Lecturer: Dr. Methaq Hasan Hommodi Lecturer: Dr. Luma kareem Mohammad Email: methaqhassan@ced.nahrainuniv.edu.iq	
8. Course Objectives	
Course Objectives	To prepare high level doctors capable of estimating community health needs and solving health problems of communicable or noncommunicable diseases and development of healthy lifestyle for the community.
9. Teaching and Learning Strategies	
Strategy	The course provides the following: <ul style="list-style-type: none"> - Qualify students about principals of family and community medicine and its relations with the Iraqi health system. - Enable students in conducting researches that matters to people health, including research methods, data collection and statistical analysis - Ability to know and implement the prevention of most common communicable diseases. - Ability to know risk factors of noncommunicable diseases and their prevention - Knowledge of health administration principles - Ability to know and implement the prevention of most common occupational and environmental diseases

11. Course Structure					
Week	Hours	ILOs	Unit/Module or Topic Title	Teaching Method	Assessment Method
1	2 theory 3 practical		Epid.of MMR Epid. Of sexual transmitted diseases	PPT, conducting field researches	
2	2 theory 3 practical		Epid. Of DPT Introduction Non Communicable diseases	PPT, conducting field researches	
3	2 theory 3 practical		Epid of Cholera Epid. Of TB 1	PPT, conducting field researches	
4	2 theory 3 practical		Epid of Rabies Epid. Of cardiovascular diseases	PPT, conducting field researches	
5	2 theory 3 practical		Epid. of viral Hepatitis Epid. of Bilharzia	PPT, conducting field researches	
6	2 theory 3 practical		Epid. of TB 2 Epid. of Malaria	PPT, conducting field researches	
7	2 theory 3 practical		Epid.of HIV Introduction to Health Administration	PPT, conducting field researches	
8	2 theory 3 practical		Epid. Of Hypertension Iraq health care system	PPT, conducting field researches	
9	2 theory 3 practical		Epid.of Leishmaniasis Epid. Of Diabetes	PPT, conducting field researches	
10	2 theory 3 practical		Epid. Of Polio Epid. Of Brucellosis	PPT, conducting field researches	

11	2 theory 3 practical		Epid.of Influenza Epid. Of chronic respiratory diseases	PPT, conducting field researches	
12	2 theory 3 practical		Epid.of Typhoid Management and planning	PPT, conducting field researches	
13	2 theory 3 practical		Epid. of COVID Epid. Of Cancer	PPT, conducting field researches	
14	2 theory 3 practical		Epid. of Epilepsy Leadership	PPT, conducting field researches	
15	2 theory 3 practical		Epidemiology of scabies Problem solving	PPT, conducting field researches	

10. Course Evaluation	
Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports etc	
11. Learning and Teaching Resources	
Required textbooks (curricular books, if any)	1. Abram"sbenenson. Control of communicable diseases/14th edition.2015
Main references (sources)	1. Leon Gordis. Epidemiology, 2009, 4th edition 2. Essentials of Family Medicine (2012) 3. Taylors Manual of Family Medicine (2015)
Recommended books and references (scientific journals, reports...)	1. Text book of occupational and environmental medicine William rom.2020, 2. Handbook on monitoring and evaluation (Amjad Niazi).2004
Electronic References, Websites	1. WHO website 2. CDC website

Program Description/ Community Department

Program Description				
Year/Level	Course code	Course title	Credit hours	
			Theoretical	practical
2023/2024 4 th level	NM04-COMCom-31	Family and community medicine I	3	3
2023/2024 3 ^{ed} level	NM03-COMCom-32	Family and community Medicine	2	3
2023/2024 4 th level	NM04-COMCom42	Family and community medicine	2	3

Program Skills Outline/Community Department

Program Skills Outline															
				Required program Learning outcomes											
Year / Level	Course Code	Course Name	Basic or optional	Knowledge				Skills				Ethics			
				A 1	A 2	A 3	A 4	B 1	B 2	B 3	B 4	C 1	C 2	C 3	C 4
3ed	NM03-COMCom-32	Family and community medicine	Basic	✓	✓	✓	✓			✓	✓	✓		✓	
4th	NM04-COMCom-41	Family and community medicine	Basic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4th	NM04-COMCom-42	Family and community medicine	Basic	✓		✓	✓	✓	✓	✓	✓		✓		✓