MODULE DESCRIPTOR FORM
نموذج وصف المادة الدراسية

Module Information
معلومات المادة الدراسية

Module Title	PUBLIC HEALTH	**Module Delivery**	
Module Type	CORE	Theory Lecture Lab Tutorial Practical Seminar	
Module Code	ENH1209		
ECTS Credits	5		
SWL (hr/sem)	125		

Module Level	1	**Semester of Delivery**	2
Administering Department	Department of Environmental Health	**College**	College of Applied Medical Science
Module Leader	Ansam Saad Alkhafaji	**e-mail**	ansam.saad@mu.edu.iq
Module Leader's Acad. Title	lecturer	**Module Leader's Qualification**	MSc
Module Tutor	Ansam Saad Alkhafaji	**e-mail**	ansam.saad@mu.edu.iq
Peer Reviewer Name		**e-mail**	
Review Committee Approval		**Version Number**	

Relation With Other Modules
العلاقة مع المواد الدراسية الأخرى

Prerequisite module	None	**Semester**	
Co-requisites module	None	**Semester**	

Module Aims, Learning Outcomes and Indicative Contents	
أهداف المادة الدراسية ونتائج التعلم والمحتويات الإرشادية	
Module Aims أهداف المادة الدراسية	The Introduction to Public Health module provides an overview of important definitions and concepts, as well as an introduction to the changing panorama of public health problems. The sub-module aims to provide you with the foundation of public health and a series of themes that underpin public health. It lays the foundation of ethics in public health; takes a look back at the history of public health, followed by the health transitions; It ranges from the foundations of Public Health, ethics in public health to principles of screening.
Module Learning Outcomes مخرجات التعلم للمادة الدراسية	On completion of this module a student should be able to: 1. Critically discuss, in written form, basic scientific concepts, methodological perspectives, and factors that govern public health research; 2. Describe the evaluation of global trends affecting health, including epidemics, injuries, chronic health problems, and mental illnesses; 3. Apply knowledge of basic public health concepts by critically comparing different approaches to tackling public health problems, health promotion, health policy, and to interpret opposing viewpoints in these fields; 4. Critically assess monitoring systems and trend data analysis, and important concepts and evidence gained from the module; 5. Critically evaluate a range of data to describe the health of the population, including familiarity with methods of measuring morbidity and mortality, the burden of disease and health status; 6. Identify the strengths, uses, interpretation and limitations of various types of data relating to health, and scientifically quantify public health problems with existing epidemiological data; 7. Review the scientific literature and present findings of major public health problems. 8. Evaluate and assessing program of measures to control of communicable diseases 9. Identify and develop a critical awareness of the political nature of major public health issues that affect low-, middle, and high-income countries. 10. Evaluate and assessing of measures to control non communicable diseases.

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	11. Assessment of services in primary health care and influence it to protecting epidemic diseases.
	12. Identify and determined the services submitted to mother and child local health services
	13. Identify and develop a critical awareness of ethical aspects of research and development work, and critically assess the role and importance of research in public health.
	14. Assessment and identify pandemic disease and influence on the public health function.
Indicative Contents المحتويات الإرشادية	Definition of public health, Function of public health, Services of public health, Benefit of public health research, Infectious disease, Risk factors, measurement of control. (15 hrs.), Historical perspectives of Publi health, Strategies of health, public health practice, Communicable diseases, The Right Approach of data analysis, noncommunicable disease, Diabetes, Heart disease and risk factors, Control measures. (15 hrs.) Health services in primary health care, Maternal health care, Child health care, Vaccination, Promoting of health care, Comparison of public health and primary health care, Prenatal and antenatal care . (15 hrs.) Risk factors and effect on public health function, Epidemic diseases, Measles, Mumps, Rubella, Tuberculosis, Measures of control transmission diseases. (15 hrs.) Revision problem classes (8 hrs.)

Learning and Teaching Strategies
استراتيجيات التعلم والتعليم

Strategies	The main strategy that will be adopted in delivering this module is to encourage students' participation in the exercises, while at the same time refining and expanding their critical thinking skills. Also depends on Problem-Based Learning that students are presented with real-world problems or scenarios that require them to apply their knowledge and skills to find solutions. It promotes critical thinking, decision-making, and solving problem abilities. Furthermore, according

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	to Flipped Classroom: which involves reversing the traditional instructional model that help students to learn the content outside of class through videos or readings, while class time is used for discussions, activities, and individualized support. This will be achieved through classes, and by considering types of simple experiments involving some sampling activities that are interesting to the students.

Student Workload (SWL)			
الحمل الدراسي للطالب			
Structured SWL (h/sem) الحمل الدراسي المنتظم للطالب خلال الفصل	79	**Structured SWL (h/w)** الحمل الدراسي المنتظم للطالب أسبوعيا	2
Unstructured SWL (h/sem) الحمل الدراسي غير المنتظم للطالب خلال الفصل	46	**Unstructured SWL (h/w)** الحمل الدراسي غير المنتظم للطالب أسبوعيا	2
Total SWL (h/sem) الحمل الدراسي الكلي للطالب خلال الفصل	125		

Module Evaluation					
تقييم المادة الدراسية					
		Time/Number	Weight (Marks)	Week Due	Relevant Learning Outcome
Formative assessment	**Quizzes**	2	10% (10)	(2, 3, and 11, 10)	LO #1,2, 10 and I I
	Assignments	2	10% (10)	1 and 14	LO #3, #6 and #8, #12
	Projects / Lab.	0	10% (10)	Continuous	All
	Report	0	10% (10)	4	LO #3, #6,#9 and #12
Summative assessment	**Midterm Exam**	1hr	10% (10)	7	LO #1 - #7
	Final Exam	3hr	50% (50)	14	All
Total assessment			100% (100 Marks)		

	Delivery Plan (Weekly Syllabus) المنهاج الاسبوعي النظري
	Material Covered
Week 1	Introduction to Public Health (inc. history and ethics)
Week 2	Measures of disease occurrence (inc. data sources on populations)
Week 3	Burden of disease and summary measures of population health
Week 4	Health Transitions
Week 5	Prevention and Screening
Week 6	Major Determinants of Health (e.g., food, tobacco and infectious diseases)
Week 7	Population level health promotion
Week 8	Midterm Examination
Week 9	Maternal and child heath care
Week 10	Measures and control of communicable disease
Week 11	Public health problems
Week 12	Epidemic diseases and influence on public health
Week 13	Non communicable diseases
Week 14	Communicable diseases
Week 15	Primary health care services

	Delivery Plan (Weekly Lab. Syllabus) المنهاج الاسبوعي للمختبر
	Material Covered
Week 1	Definition and objective of Public Health
Week 2	Health education
Week 3	Measuring the rate of diseases spread
Week 4	The effect of physical activity on vital factors
Week 5	Measuring drinking water pollution
Week 6	Hand contamination and microbial spread test
Week 7	Determinants of health
Week 8	Midterm Examination
Week 9	Public Health problems
Week 10	Field visit to public health laboratory
Week 11	Infectious diseases and methods of prevention
Week 12	Non communicable diseases and ways to control them
Week 13	Primary health care services
Week 14	Preparatory week before the final Exam
Week 15	Final Exam

Learning and Teaching Resources مصادر التعلم والتدريس		
	Text	**Available in the Library?**
Required Texts	**Essential Public Health** **Theory and Practice** By Stephen Gillam, Jan Yates and Padmanabhan Badrinath **Introduction to Public Health** Raymond L. Goldsteen, Karen Goldsteen, David G. Graham, MD, MPH	
Recommended Texts	**Global Public Health/ SIXTH EDITION** By Roger Detels, Martin Gulliford and Chorh Chuan Tan	
Websites		

APPENDIX:

GRADING SCHEME				
مخطط الدرجات				
Group	**Grade**	التقدير	**Marks (%)**	**Definition**
Success Group (50 - 100)	**A -** Excellent	امتياز	90 - 100	Outstanding Performance
	B - Very Good	جيد جدا	80 - 89	Above average with some errors
	C – Good	جيد	70 - 79	Sound work with notable errors
	D - Satisfactory	متوسط	60 - 69	Fair but with major shortcomings
	E - Sufficient	مقبول	50 - 59	Work meets minimum criteria
Fail Group (0 – 49)	**FX –** Fail	مقبول بقرار	(45-49)	More work required but credit awarded
	F – Fail	راسب	(0-44)	Considerable amount of work required
Note:				

NB Decimal places above or below 0.5 will be rounded to the higher or lower full mark (for example a mark of 54.5 will be rounded to 55, whereas a mark of 54.4 will be rounded to 54. The University has a policy NOT to condone "near-pass fails" so the only adjustment to marks awarded by the original marker(s) will be the automatic rounding outlined above.

ملاحظة: هذا النموذج تم وضعه وتقديمه من قبل مديرية ضمان الجودة في وزارة التعليم العالي والبحث العلمي