

Course Description Form

1. Course Name: raghda isam Saleem	
2. Course Code:	
3. Semester / Year: first semester/third year- second semester/fourth year.	
4. Description Preparation Date: 1/3/2024	
5. Available Attendance Forms: In-person lectures and practical training	
6. Number of Credit Hours (Total) / Number of Units (Total): 24 hours of in person lectures and 60 practical training.	
7. Course administrator's name (mention all, if more than one name) Name: raghda isam Saleem Email: raghdaalaldawi@gmail.com	
8. Course Objectives	
Course Objectives	<ol style="list-style-type: none">1. Introduction to Statistics and its Applications in Health and Research Fields2. Definition of Health, Disease, and Medical History3. Diagnosis of the Health Status of the Community4. Epidemiology of Transmissible and Non-Communicable Diseases5. Importance of Environmental Health and Impacts of Air and Water Pollution
9. Teaching and Learning Strategies	
Strategy	<ul style="list-style-type: none">• In-person lectures• Practical Office Training• Groups Discussions• Field Visits• Small Research Projects

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
	One (Repeat 2 times for high number of third stage students) = one (repeat 4 times for high number of students in fourth stage students) = = 180	<ul style="list-style-type: none"> • Introduction Statistics and Applications Health Research Field • Definition Health, Disease and Medical History • Diagnosis of Health Status of Community • Epidemiology Transmissible Non-Communicable Diseases • Importance Environmental Health and Impact of Air and Water Pollution 	<ul style="list-style-type: none"> *The measurement of central location *The measurement of variability • The tools epidemiological measurement • The measurement of morbidity, mortality, fertility • The descriptive epidemiology • Environmental health. • The air and water pollution 	<ul style="list-style-type: none"> • In-person lectures • Practical Office Training • Groups Discussions • Field Visits Small Research Projects 	<ul style="list-style-type: none"> • daily evaluation • Unannounced quizzes • Midterm, semester, and final exams • Fieldwork monitoring • Research completion and evaluation

11. Course Evaluation

- daily evaluation
- Unannounced quizzes
- Midterm, semester, and final exams
- Fieldwork monitoring
- Research completion and evaluation

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	
Main references (sources)	
Recommended books and references (scientific journals, reports...)	

Electronic References, Websites	
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