

Course Description Form

1. Course Name: Laila Taher Abbas	
2. Course Code:	
3. Semester / Year: first semester/third year- second semester/fourth year.	
4. Description Preparation Date: 10/3/2024	
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 of practical training.	
7. Course administrator's name (mention all, if more than one name) Name: Laila Taher Abbas Email: Layla.t.alabbady@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 and application of tests of significance3. Definition of Health, Disease, and Medical History4. Epidemiology of Non-Communicable Diseases5. Concept and investigation of epidemic
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-st students) = one (repeat 4 times for high number of students in four stage students) = = 180	<ul style="list-style-type: none"> • Introduction Statistics and Applications Health and Research Field • Definition and application tests significance • Epidemiology Non-Communicable Diseases • Concept investigation epidemic 	<ul style="list-style-type: none"> *Definition biostatistics and application * The chi-square test • Epidemiology Cardiovascular diseases • Epidemiology diabetes mellitus • Epidemiology cancer • Epidemiology trauma • Concept investigation epidemic 	<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

<ul style="list-style-type: none"> • 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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