

## Course Description Form

1. Course Name: Lamis Aziz Hameed

2. Course Code:

3. Semester / Year: first semester/third year- second semester/third year  
first semester/fourth 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): 34 hours of in person lectures and  
60 hours practical training.

7. Course administrator's name (mention all, if more than one name)

Name: Lamis Aziz Hameed

Email: Lamis1912am@gmail.com

8. Course Objectives

<b>Course Objectives</b>	<ol style="list-style-type: none"><li>1. Introduction to Statistics and its Applications in Health and Research Fields</li><li>2. Definition of Health, Disease, and Medical History</li><li>3. Diagnosis of the Health Status of the Community</li><li>4. Descriptive epidemiology</li><li>4. Epidemiology of Communicable Diseases</li><li>5. Child health care services</li><li>6. Public nutrition</li></ol>
--------------------------	--

9. Teaching and Learning Strategies

**Strategy**

- 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 students) = one (repeat 4 times for high number students in fourth students) = = 180	<ul style="list-style-type: none"> <li>- Introduction to Statistics and its Applications in Health and Research Field</li> <li>- Definition of Health, Disease, and Medical History</li> <li>- Diagnosis of the Health Status of the Community</li> <li>- Descriptive Epidemiology</li> <li>- Epidemiology of Communicable Diseases</li> <li>- Child health care</li> </ul>	<ul style="list-style-type: none"> <li>-Introduction to the medical statistics</li> <li>-Data presentation</li> <li>-Measurement of central location</li> <li>-Measurement of variability</li> <li>- Normal Distribution</li> <li>- Tests of hypothesis</li> <li>- Child health care and growth monitoring</li> <li>- Child Development</li> <li>- Immunization</li> <li>-Epidemiology of communicable diseases</li> <li>-The tools of epidemiological measurement</li> <li>-The measurements morbidity, mortality, fertility</li> <li>-The descriptive epidemiology</li> <li>-Analytic epidemiology</li> <li>- Screening and validity tests</li> <li>- Epidemics</li> <li>- Public nutrition</li> </ul>	<ul style="list-style-type: none"> <li>• In-person lectures</li> <li>• Practical Office Training</li> <li>• Groups Discussions</li> <li>• Field Visits</li> <li>• Small Research Projects</li> </ul>	<ul style="list-style-type: none"> <li>• daily evaluation</li> <li>• Unannounced quizzes</li> <li>• Midterm, semester, and final exams</li> <li>• Fieldwork monitoring</li> <li>• Research completion and evaluation</li> </ul>

### 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	
---------------------------------	--