



COURSE SPECIFICATION

Faculty of Medicine– Mansoura University

(A) Administrative information

(1) Programme offering the course.	Master of Audiology
(2) Department offering the programme.	ENT/ Audiology unit
(3) Department responsible for teaching the course.	Community Medicine Department
(4) Part of the programme.	First part
(5) Date of approval by the Department`s council	6-8-2016
(6) Date of last approval of programme specification by Faculty council	9/8/2016
(7) Course title.	statistics
(8) Course code.	AUDI 518
(9) Total teaching hours.	7.5

(B) Professional information

(1) Course Aims.

The broad aims of the course are as follows: (either to be written in items or as a paragraph)

This course aims at providing participants with the knowledge and basic skills related to statistics specialty, as well as motivating them for research and positively changing their attitude to improve the outcome of the educational process.

(2) Intended Learning Outcomes (ILOs):

Intended learning outcomes (ILOs); Are four main categories: knowledge & understanding to be gained, intellectual qualities, professional/practical and transferable skills.

On successful completion of the course, the candidate will be able to:

A- Knowledge and Understanding

By the end of the study of Master Program in Audiology the Graduate should be able to:

A12	Enumerate types of data, construct tables and graphs
A13	Explain measures of central tendency and measures of dispersion
A14	Recognize tests of significance and the inferences obtained from such tests

B- Intellectual skills

By the end of the study of Master Program in Audiology the Graduate should be able to:

B 10	Conduct a research study and / or write a scientific study on a research.
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(3) Course content:

Subjects	Lectures	Clinical	Laboratory	Field	Total Teaching Hours
Statistical methods:	0.5				
Collection of data	0.5				
Epidemiological studies	0.5				
Analytical studies	0.5				
Experimental studies	1				
Survey studies	1				
Presentation of data	1				
Descriptive statistics					
Mean	0.25				
Median	0.25				
Mode	0.25				
Measurement of variation:					
Range	0.25				
Mean deviation	0.25				
Variance	0.25				
Standard deviation	0.25				
Correlation	0.25				
Qui square	0.5				
	7.5				7.5

(4) Teaching methods:

4.1: Lectures

4.2: Discussion

(5) Assessment methods:

5.1: Written exam to assess knowledge & intellectual skills

5.2: Written exam to assess knowledge & intellectual skills

5.2: Structured Oral exams to assess knowledge & intellectual skills

Assessment schedule:

Assessment 1: Written Exam Week: 16-18

Assessment 2: MCQ Exam Week: 16-18

Assessment 3: Structured oral Exam Week 18-20

Percentage of each Assessment to the total mark.

Written exam: 48 degrees

MCQ exam: 12 degrees

Structured oral exam: 40 degrees

Other assessment without marks: Observation of attendance and absenteeism

(6) References of the course:

6.4- Periodicals, Web Sites, ... etc

6.1: Text books:

1- Dimensions of Community Health, Boston Burr Ridge Dubuque.

2- Short Textbook of preventive and social Medicine. Prentice-Hall International Inc.

3- Epidemiology in medical practice, 5th edition. Churchill Livingstone. New York, London and Tokyo.

6.2: Journals: 1-American Journal of Epidemiology

2-British Journal of Epidemiology and Community Health

6.3: Websites: WWW. CDC and WHO

(7) Facilities and resources mandatory for course completion.

- a. Teaching places (teaching class, teaching halls, teaching laboratory).
- b. Teaching tools: including screens, computers including CD, data show, projectors, flip charts, white boards, video player, digital video camera, scanner, copier and laser printers.

Course coordinator:

Head of the department:

Date:

P.S. This specification must be done for each course.