



## COURSE SPECIFICATION

### (Medical statistic)

Faculty of Medicine– Mansoura University

#### (A) Administrative information

(1) Programme offering the course.	Postgraduate Master degree of Clinical Oncology and Nuclear Medicine/ CONM517
(2) Department offering the programme.	Clinical oncology and nuclear medicine department
(3) Department responsible for teaching the course.	Clinical oncology and nuclear medicine department
(4) Part of the programme.	First part
(5) Date of approval by the Department`s council	7/6/2016
(6) Date of last approval of programme specification by Faculty council	9/8/2016
(7) Course title.	Medical statistic
(8) Course code.	CONM518MS
(9) Total teaching hours.	15hours

## **(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)

**Educate the principles of medical statistic.**

**Teach candidate different methods of screening.**

**Provide the opportunity to apply statistics in medical science**

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### **(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**

**A1: Define epidemiological models and studies.**

**A2: Describe Principles of tests of significance.**

**A3: Recognize type of sampling.**

**A4: Identify epidemiological surveillance and survey study.**

## 2- Intellectual activities (I)

The Postgraduate Degree provides opportunities for candidates to achieve and demonstrate the following intellectual qualities.

### B- Intellectual skills

**B1: Apply different tests of significance.**

**B2: Interpret different methods of screening medically.**

**B3: demonstrate appropriate methods of sampling.**

**(3) Course content:**

<b>Subjects</b>	<b>Lectures</b>	<b>Clinic</b>	<b>Laboratory</b>	<b>Field</b>	<b>Total Teaching Hours</b>
<b>*Epidemiological models</b>	<b>2</b>				<b>2</b>
<b>* Epidemiological studies</b>	<b>2</b>				<b>2</b>
<b>* Clinical epidemiology</b>	<b>2</b>				<b>2</b>
<b>* Risk approaching</b>	<b>1</b>				<b>1</b>
<b>*Screening</b>	<b>1</b>				<b>1</b>
<b>* Epidemiology Surveillance.</b>	<b>1</b>				<b>1</b>
<b>*Survey Study</b>	<b>1</b>				<b>1</b>
<b>*Sample&amp;type of sample</b>	<b>1</b>				<b>1</b>
<b>*Tests of significance</b>	<b>2</b>				<b>2</b>
<b>* Medical statistics</b>	<b>2</b>				<b>2</b>

**(4) Teaching methods:**

4.1. lectures.

**(5) Assessment methods:**

5.1. written exam for assessment of Knowledge and understanding.

5.2. oral exam for assessment of Knowledge and understanding and intellectual skills .

5.3 MCq continuous assessment for assessment of Knowledge and understanding and intellectual skills .

Assessment schedule.

Assessment 1. written exam held after 6 months of registration.

Assessment 2. oral exam held after 6 months of registration and structured oral exam.

Assessment 3. MCQ exam held at the end of the first semester (15<sup>th</sup> week).

Percentage of each Assessment to the total mark.

Written exam. 144 marks,

MCQ( as a continuous assessment),36 marks.

Oral exam. 120 marks.

**(6) References of the course:**

6.2. community department's book  
lectures

**(7) Facilities and resources mandatory for course completion.**

Candidates and their learning are supported in a number of ways:

- Candidates logbook
- Programme Specification
- Extensive library and other learning resources
- Computer laboratories with a wide range of software
- Intranet with a wide range of learning support material
- MSc/MD Dissertation Supervisor

**Course coordinator:**

**Prof.d. Soumaya Eiteba**

**Assistant prof. Rasha Abdel Latif**

**Head of the department:**

**Prof.d. Ibrahim Awad**

**Date:**

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