



## **Biochemistry related to Dermatology & Andrology COURSE**

### **SPECIFICATION**

#### **MSc Dermatology, Andrology and STDs**

#### **Faculty of Medicine- Mansoura University**

##### **(A) Administrative information**

<b>(1) Programme offering the course:</b>	<b>MSc Dermatology, Andrology and STDs</b>
<b>(2) Department offering the programme:</b>	<b>Dermatology, Andrology and STDs</b>
<b>(3) Department responsible for teaching the course:</b>	<b>Biochemistry</b>
<b>(4) Part of the programme:</b>	<b>first part</b>
<b>(5) Date of approval by the Department`s council</b>	<b>3/4/2016</b>
<b>(6) Date of last approval of programme specification by Faculty council</b>	<b>9/8/2016</b>
<b>(7) Course title:</b>	<b>Biochemistry related to Dermatology &amp; Andrology</b>
<b>(8) Course code:</b>	<b>DERM 504</b>
<b>(9) Total teaching hours:</b>	<b>7.5</b>
<b>(10) Number of credit hours</b>	<b>0.5</b>

**(B) Professional information**

**(1) Course Aims:**

The broad aims of the course are as follows:

- 1- Provides the student with basic knowledge about **Biochemistry related to Dermatology & Andrology.**

**(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- Recognize the following:

- a) Porphyrin metabolism.
- b) Oxidative stress & antioxidants.
- c) Lipoproteins metabolism.
- d) Steroid metabolism

**B- Intellectual skills:**

B1- Illustrate steps of the following:

- a) Porphyrin metabolism
- b) Lipoproteins metabolism.
- c) Steroid metabolism

B2- Compare between types of antioxidants.

**(3) Contents:**

<b>Topics</b>	<b>Teaching hours</b>
Porphyrim metabolism	<b>2</b>
Oxidative stress & antioxidants	<b>2</b>

Lipoproteins metabolism	<b>2</b>
Steroid metabolism	<b>1.5</b>

**(4) Teaching methods:**

**1: Lectures**

**(5) Assessment methods:**

**5.1: Written exams for assessment of knowledge and intellectual ILOS**

**5.2: Oral exam for assessment of knowledge and intellectual ILOS**

**Assessment schedule:**

**MCQ Exam at the end of the semester**

**Final Written exam Assessment one semester after registration of MS degree**

**Structured Oral exam one semester after registration of MS degree**

**Marks of each Assessment:**

**MCQ Exam = 12 marks.**

**Final Written exam = 48 marks.**

**Oral exam= 40 marks.**

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

**6.1: Hand books: Biochemistry Department staff handouts**

**6.2: Text books: Rook's text book of Dermatology Blackwell USA, 2010,  
Bologna Dermatology, Elsevier Limited, 2012.**

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

**1-Fully Equipped Lecture halls**

**2-Department library**

**3-Faculty library**

**Course coordinator:**

**Head of the department:**

**Prof. Ibrahim Abu-Bakr Abdel Hamid, MD**

**Date: 3/4/2016**