كيفية إعداد توصيف المقررات الدراسية للدراسات العليا

توصيف المقررات الدراسية يتضمن توضيح أقل المتطلبات الواجب توافرها في طالب الدراسات العليا للحصول على درجة الماجستير والدكتوراه. يشمل توصيف المقرر الدراسي الاتي:

- الأهداف التعليمية للدرجة العلمية
- المعرفة والمهارات التي يجب أن يحصل عليها الطالب في نهاية فترة الدراسة والتدريب
- طرق التدريس (مثال: محاضرات ، ورش عمل، تدريب معملي)
- محتويات المنهج العلمي (الموضوعات العلمية ومراجعها، عدد ساعات تدريس الجزء النظري والعملي والإكلينيكي)
- طرق تقييم الطالب (مثال: الامتحانات بكافة صورها، الحضور، المقال العلمي، log book)
- نظام الامتحانات وكيفية توزيع الدرجات
- طرق التقييم للمقرر الدراسي
- المراجعة السنوية والمسئولين عنها.

PROGRAMME SPECIFICATION FOR POSTGRADUATE DEGREE

This specification provides a concise summary of the main features of the course and the learning outcomes that a typical candidate might reasonably be expected to achieve and demonstrate if he or she takes full advantage of the learning opportunities provided. More detailed information on the specific learning outcomes, context and the teaching, learning and assessment methods of each module can be found in the Programme Descriptions Handbook.

COURSE SPECIFICATION

Faculty of Medicine– Mansoura University

(A) Administrative information

(1) Programme offering the course:	Master degree in Medical Physiology
(2) Department offering the programme:	Department of Medical Physiology
(3) Department responsible for teaching the course:	Department of Internal Medicine
(4) Part of the programme:	First part
(5) Date of approval by the Department`s council	10/7/2016
(6) Date of last approval of programme specification by Faculty council	12/7/2016
(7) Course title:	Internal Medicine
(8) Credit hours	5 credit hours + 2 practical
(9) Course code:	**PHYS 510**
(10) Total teaching hours:	75 hours lectures + 60 hours practical

(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)

To enable students to understand basic facts about diseases which enable him to master the underlying pathophysiological mechanisms. Also, to develop skills related to clinical physiological work.

A- Knowledge and Understanding

A9 Describe some pathophysiological aspects underlying the development of common diseases as hypertension , heart failure, respiratory failure, endocrinal disorders.

A14 Explain the underlying mechanisms of of different medical diseases namely GIT, cardio, respiratory, blood, endocrine, renal, neurology and rheumatology

B- Intellectual skills

B4 Analyze & interpret some physiological records (ECG & spirogram) and some laboratory tests (blood count, hemoglobin, pregnancy tests)

B7 interpret the pathophysiological mechanisms of different diseases

B11 Evaluate risks in the professional practices of Medical Physiology

B12 Plan for development of performance in the field of medical Physiology

B13 Take professional decisions in different situations

C- Professional/practical skills

C5 Use basic medical devices such as sphygmomanometer, stethoscope, and thermometer, medical hammer, tuning fork, compass,

C6 demonstrate competency in history taking and clinical examination skills in internal medicine specialties

C7 demonstrate competency in performing diagnostic procedures

D- Communication & Transferable skills

D1 Relate course information effectively in the field of general medicine practice.

D2 Retrieve, manage, and manipulate course information by all means, including electronic means.

D3 Discuss freely about any medical problem.

D4 Present course information clearly in written, electronic and oral forms.

D5 Communicate ideas and arguments effectively.

Subjects	Lectures
GIT disorders	12
Cardiology disorder	10
Respiratory disorders	8
Blood disorders	4
Endocrine disorder	17
Renal disorders	4
Neurology disorder	6
Rheumatology disorders	14
Total teaching hours	75

Practical

Title	Hours
General examination and vital signs	6
Abdominal examination	8
Chest examination	6
Cardiovascular examination	6
ECG recording	5
Arterial blood gases analysis (ABG analysis)	3
Assessment of coma	4
Assessment of anemia	4
Assessment of jaundice cases	7

Assessment of hemorrhagic disorders	5
Neurological examination	6
Total	**60**

(4) Matrix of ILOs of cell and electrophysiology

content	ILOs																
	Knowledge and understanding																
	A 1	A 2	A 3	A 4	A 5	A 6	A 7	A 8	A 9	A 10	A 11	A 12	A 13	A 14	A 15	A 16	A 17
GIT disorderS									√					√			
Cardiology disorder									√					√			
Respiratory disorders									√					√			
Blood disorders									√					√			
Endocrine disorder									√					√			
Renal disorders									√					√			
Neurology disorder									√					√			
Rheumatology disorders									√					√			

content	ILOs																											
	Intellectual skills													Content	Practical skills							Transferrable skills						
	B 1	B 2	B 3	B 4	B 5	B 6	B 7	B 8	B 9	B 10	B 11	B 13			c 1	c 2	c 3	c 4	c 5	C 6	C 7	d 1	d 2	d 3	d 4	d 5	d 6	
GIT disorderS				√			√				√	√		General examination and vital signs					√	√		√	√	√	√	√		
Cardiology disorder				√			√				√	√		Abdominal examination					√	√	√	√	√	√	√	√		
Respiratory disorders				√			√				√	√		Chest examination					√	√	√	√	√	√	√	√		

Blood disorders				√			√				√	√	**Cardiovascular examination**					√	√	√	√	√	√	√	√	
Endocrine disorder				√			√				√	√	**ECG recording**					√		√	√	√	√	√	√	
Renal disorders				√			√				√	√	**Arterial blood gases analysis (ABG analysis)**							√	√	√	√	√	√	
Neurology disorder				√			√				√	√	**Assessment of coma**						√	√	√	√	√	√	√	
Rheumatology disorders				√			√				√	√	**Assessment of anemia**						√	√	√	√	√	√	√	
													Assessment of jaundice cases						√	√						
													Assessment of hemorrhagic disorders						√	√						
													Neurological examination						√	√						

(5) Teaching methods:

Method	ILOS covered by this method
5.1: Lectures	A9, A14, B4, B7
5.2: Clinical sections	C5, C6, C7,
5.3 Seminars	A9, A14, B4, B7, B11,B12,B13, D1, D2, D3,D4,D5

(6) Assessment methods:

Tools	Marks	Percentage of the total mark	ILOS assessed by the exam.	schedule
5.1:MCQ exam	36	12 %	A9, A14, B4, B7	2nd week of Jan / July
5.1:Written exam	144	48 %	A9, A14, B4, B7	April/Oct
5.2:Oral exam	60	20 %	A9, A14, B4, B7	April/Oct
5.3:Practical exam	60	20%	C5, C6, C7	April/Oct
Total marks	300			

(7) References of the course:

7.1: **Hand books:** Staff member books & lecture notes.

7.2: **Textbooks:** Guyton Medical Physiology, Ganong Physiology

(8) Facilities Required for Teaching And Learning:

The facilities include: appropriate teaching accommodation, teaching aids, laboratories, laboratory equipment, computer, etc, facilities for field work, site visits, etc, which are necessary for teaching the course.

(9) Facilities and resources mandatory for course completion:

8.1- Attendance Criteria:

Minimum acceptance attendance in each course is 75%

8. 2- Assessment tool:

Minimum percentage accepted is 60% of total marks

Course coordinator: Dr. Abdelaziz Hussein

Head of the department: Dr. Sabry Mohamed Awad Gad