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

(Radiologic Anatomy)

Faculty of Medicine- Mansoura University

(A) Administrative information

(1) Programme offering the course:	Msc degree of Radiology program
(2) Department offering the programme:	Radiology Dpt.
(3) Department responsible for teaching the course:	Radiology Dpt.
(4) Part of the programme:	First part
(5) Date of approval by the Department`s council	28/6/2016
(6) Date of last approval of programme specification by Faculty council	
(7) Course title:	Radiologic anatomy
(8) Course code:	**RAD 529 RTRA**
(9) Total teaching hours:	37.5

(B) Professional information

(1) Course Aims:

By the end of this course the candidate should be able to describe the radiological anatomy of the different parts of the body in the different imaging modalities to be able to point out the abnormality and discriminate between normal and abnormal imaging findings.

(2) Intended Learning Outcomes (ILOs):

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

A) Knowledge and Understanding

A2.Describe the radiological anatomy of the different parts of the body in the different imaging modalities

A6. Explain the main developmental changes in humans to be able to recognize the various developmental abnormalities in the body and major organ systems, presenting throughout the age spectrum.

B- Intellectual skills

B2. Reason deductively in solving clinical problems:
  I. Pick up the abnormality in the film
  II. Interpret the available data into a full radiologic report
  III. Analyze and evaluate the results to exclude or suggest the necessity of further evaluation.
  IV. Decide the final diagnosis or differential diagnosis of the case.
  V. Discriminate between technical errors, normal anatomical variants and pathology.

Suggest the imaging modality of choice best for evaluating the specific organ of interest.

3) Course content:

Subjects	Lectures	Clinical	Total Teaching Hours
1. UL	1.25 Hrs		1.25 Hrs
2. LL	1.25 Hrs		1.25 Hrs
3. Chest and heart	1.25 Hrs		1.25 Hrs
4. Axial skeleton	1.25 Hrs		1.25 Hrs
5. Esophagus & stomach	1.25 Hrs		1.25 Hrs
6. Small & large intestine	1.25 Hrs		1.25 Hrs
7. Liver,spleen,pancreas,Biliary syst	1.25 Hrs		1.25 Hrs
8. X-ray & CT anatomy of the lung	1.25 Hrs		1.25 Hrs
9. X-ray & CT anatomy of the mediastinum	1.25 Hrs		1.25 Hrs
10. X-ray heart	1.25 Hrs		1.25 Hrs
11.CT & MRI heart	1.25 Hrs		1.25 Hrs
12.Kidney & ureter	1.25 Hrs		1.25 Hrs
13.Bladder &Urethra & Prostate.	1.25 Hrs		1.25 Hrs
14.Breast	1.25 Hrs		1.25 Hrs
15.Female Genital system	1.25 Hrs		1.25 Hrs
16.Male Genital system	1.25 Hrs		1.25 Hrs
17.Arterial and venous system	1.25 Hrs		1.25 Hrs
18.Brain CT & MRI anatomy	1.25 Hrs		1.25 Hrs
19.Arterial supply & venous drainage of the Brain	1.25 Hrs		1.25 Hrs
20.X-ray , CT &MRI of the spine	1.25 Hrs		1.25 Hrs
21.Supra & infra hyoid Neck spaces	1.25 Hrs		1.25 Hrs

4) Teaching methods:

4.1. Lectures

4.2. Meetings

4.3: Case presentations

4.4. Video demonstrations

5) Assessment methods:

5.1: Written examination for assessment of ILOs number A2, A6.

5.2: Structured oral examination for assessment of ILOs number: B2.

5.3: OSCE examination for assessment of ILOs number C1.

5.4: MCQ examination for assessment of ILOs number A2, A6.

5.5: Log book for activities for assessment of: mainly for assessment of practical & transferable skills which are accepted through attending different conferences, thesis discussions, seminars, workshops, attending scientific lectures as well as self learning.

5.6: The supervisor requires certain assignments: meetings and case presentations that are evaluated and signed by the supervisors in the log book (without marks).

5.7: Meetings: the candidate should prepare and present at least one seminar in a topic related to the course and determined by the supervisors in front of the department staff (without marks).

Assessment schedule:

Assessment

1:………………………..week/month:……………………………

Assessment 2:………………

…………week/month:……………………………

Assessment

3:………………………..week/month:……………………………

Assessment

4:………………………..week/month:……………………………

Percentage of each Assessment to the total mark:

Written exam: 60 %:

OSCE exam: 10%::

Structured oral exam: .30%::

MCQ: ----

Other types of assessment: ----

Other assessment without marks: log book

6) References of the course:

6.1: Hand books:

6.2: Text books: -Atlas of Radiological anatomy, J.Weir.

                - Textbook of Radiological anatomy, Stephanie Ryan.

6.3: Journals:

6.4: Websites: www.learning radiology.com

                www. CTisus.com

6.5: Others:

7) Facilities and resources mandatory for course completion:

- Lecture rooms: available in the department
- Facilities for image analysis
- Computers for data analysis
- Data show facilities
- Video demonstrators

Course coordinator:

      D. Eman Abd El Salam

      D. Nehal ElBatouty

Head of the department: Prof. Dr/Mahmoud Abd Elshaheed

Date: