

Programme Specification for Master Degree (2014- 2015)

A- Administrative information:

- 1- Awarding Body: Al-Azhar University
- 2- Teaching Body: Faculty of Medicine
- 3- Department(s) responsible: Histology and Cytology
- 4- Final award: Master Degree
- 5- Program Co- coordinator: Prof. Dr: Atif Ibrihium

B- Professional information:

1-Educational aims of the Programme:

- Provide graduates the opportunity to make histological slides in field of research, has the ability to examine under light microscope and electron microscope if necessary, also has the ability to write comment on his slides correctively and at the end learn how to write a **thesis**.

2-Graduate attributes:

The graduate must have the ability to:

- 3.1. Perfect applying scientific research basics and methodology, and using of its varied tools.
- 3.2. Apply and use the analytical methodology in field of Histology
- 3.3. Apply the gained specific knowledge and the relevant ones in professional practice.

- 3.4. Aware with current problems and recent visions in field of Histology
- 3.5. Identify the professional problems and suggest the solutions.
- 3.6. Mastery of an appropriate scale of specific professional skills and the use of an appropriate technological means to serve the professional practice.
- 3.7. Communicate effectively and able to lead team work
- 3.8. Decision-making in various professional contexts
- 3.9. Employment the available resources to achieve the highest benefit and preserve them.
- 3.10. Aware obviously of his role in the society development and safe society in the light of the global and regional changes.
- 3.11. Deposit in a manner reflecting the commitment to integrity, credibility, and the professional rules.
- 3.12. Continuous self-learning in both academic and professional practice.

3-Programme outcomes:

a. Knowledge and understanding:

On successful completion of this programme, the graduate will be able to:

- a.1. Recognize the structure of the cell contents including nucleus and cytoplasmic contents.
- a.2. Realize the mechanism of tissue staining.
- a.3. Recognize the Scientific developments in field of histochemistry.
- a.4. Recognize the structure and functions relationship of the cells.
- a.5. Recognize the Basics and principles of the different body systems.
- a.6. Recognize the basics and ethics of scientific research.

b. Intellectual skills:

On successful completion of this programme, the graduate will be able to:

- b.1. Assessed and able in problem solving during staining.
- b.2. Solve specialized problem with little data.
- b.3. Collaboration in between different knowledge for making stains.
- b.4 Perform research study and \or write scientific study around research problem.

c. Practical and professional skills:

At the end of the program, graduate must be able to:

- c.1. Mastery of the fundamental and recent professional skills in makingslide and write report on it.
- c.2. Write and asses the Professional reports in field of his research.
- c.3. Assess the existing methods and tools in field of making good histological slide.

d. General and transferable skills:

At the end of the program, graduate must be able to:

- d.1. Communicate effectively in different ways.
- d.2. Utilize information technology to serve improvement of professional practice.
- d.3. Self assessment and determine their educational needs.
- d.4. Utilize different sources of gaining knowledge and information.
- d.5. Establishment of rules and key performance indicators for the others.
- d.6. Manage time effectively.

4-Teaching and Learning:

The program features a variety of teaching approaches for different intended learning objectives, including a combination of lectures, seminars, presentation, practical lab assignments. The research experiment work and library work leading to write thesis.

5-Assessments:

The programme depends on different assessment ways. Course assessment is made of three elements, written, practical and oral exams. These summative assessment measures to extent student are able to demonstrate knowledge and understanding of the above mentioned points. In addition to summative assessment provide regular feedback through teaching staff supervision comment on students’ essay, seminar and class activity presentation. The research experiment and writing thesis are assessed using the annual monitoring reports adopted by the Faculty Finally, the assessment of thesis measure the individual student ability to work independently in the field of Histology.

6- Programme Structure:

This is a 2 year programme. There are five courses run over a year. One is the core course, another one is the research methodology and the remaining three optional courses from Outside the specialization were determined by the student and the supervisors. The bulk of the second year is devoted to research experiments and write of a thesis.

Duration of the program (years): Master degree from 2-5 years.

Program Structure:

Programme courses	Lecture (hour)	practical (hour)
1-Fundmental (core) course	3	4
2-Research methodology.	1	3
3-Computers	2	2
4- Compulsory course	2	2
5- Compulsory course	2	2

7. Programme Entrance Requirements:

-The Applicant must normally satisfy the faculty of medicine- Al-Azhar University general entrance and requirement. The normal minimum entrance qualification for registration at the faculty on a master’s programme

- 1- Bachelor degree in Medical science of one of the Egyptian universities or hold a degree in Medical science equivalent through the Supreme Council of Universities with general grade at least “Good” and at least grade “Good” in specialization or the average courses covered the specialization

- 2- Diploma of at least grade “Good”.
- 3- Applications with an appropriate technical qualification, or equivalent qualification and experience from overseas are also welcomed.

8. Regulations for progression of programme

- a) Registration period for the MSc in medical science is at least 3 years after the approval date by the faculty council and it should not exceed a period of five years, an extension could be approved by the faculty council depending on the supervisor report that approved by the department council and postgraduate and research committee refers to the university regulation law.
- b) The student should conduct the courses proposed by both department council and approved by postgraduate and research committee and faculty council
- c) The student should pass written, practical and oral exams successfully in all courses.
- d) The Faculty council should deprive the student from entering the exam if his attendance rate in the course is less than 75%.
- e) Failure or depriving from entering one or more course did not requires reexamination of successful passed courses.
- f) The applicant should conduct an innovate research on the subject that has been registered for at least 2 years from the date of registration approved by the faculty council. And the faculty council depending on a request from the supervisor has the right to authorize the student to do scientific experiments at recognized scientific institute.
- g) The applicant should submit the thesis that accepted by the judging committee in an open discussion and the following policies should be met:
 - h) Pass all courses.
 - i) The applicant should submit 4 copies of his thesis concerned department council to form committee examining the thesis to be presented to the postgraduate studies committee and the faculty council, and in case of thesis approval by the department council, the applicant will submit 3 copies for the faculty library before introducing the report of examination committee to the post graduate studies committee and the faculty council.

j) Registration will be during March and September of each year.

k) Registration will be cancelled in one of the following cases:

- If the supervisors report during the registration period is unsatisfactory (2 reports).
- If he did not submit his thesis before the end of registration period.
- If the judging committee rejected the thesis twice.

9-Courses Exam Regulations

j) Time of written exam, 3 hours for each course that have 3 hours or more for lecture / practical /week. If the curriculum less than 3 hours/week, the time of exam, is 2 hours only.

10-Marking scale for courses as follow:-

Excellent----->	85
Very good----->	75
Good----->	65
Pass-----	50
Fail-----	<50

11-Programme completion:

- Successfully completion of the required courses.
- Approved completion of the research experiments.
- Successfully pass of thesis open defense examination.

12-Evaluation of programme outcomes

Code	Evaluator	Tools	Sample
1	Postgraduate students	Questioners	20%
2	Stakeholder	Questioners & Open discussion	10
3	Alumni	Questioners	15
4	External examiners	Questioners	5
5	External evaluators	Questioners & Open discussion	5

Date of production and revision: ...October 2014

Date of approval:

Course coordinator:

Head of Department: