

Course Specification

University: Menoufiya

Faculty: Science

Course Specifications:

Programme (s) on Which the Course is Given: M.Sc. Zoology (protozoa and invertebrates)

Major or Minor Element of Programmes: Minor

Department offering the Program: Zoology

Department offering the Course: Zoology

Academic Year/ Level: postgraduate

Date of Specification Approval: 2012

A- Basic Information

Title: Histopathology

Code: Z626

Credit Hours: 3

Lecture: 2

Tutorial: 0

Practical: 2

Total: 3

B- Professional Information

1- Overall Aims of the Course: At the end of this course, the student should be able to

- * identify and study the shape and characters of the pathological tissues.

2- Intended Learning Outcomes of the Course (ILOs):

a- Knowledge and Understanding:

- *To study the different types of tissues.

- *To compare between inflammation, degeneration ,and necrosis.

b-Intellectual Skills:

- *To know the viral effects on the cells.

*To know tumors and disturbances of growth.

*To know chemotherapeutic agents.

c- Professional and Practical Skills:

*Be familiar with knowing the viral effects on the cells.

* To characterize the pathological tissue.

* To compare between inflammation, degeneration ,and necrosis.

d- General and Transferable Skills:

*A general knowledge on pathology and diseases.

3- Contents:

Topic	No. of Hours	Lecture	Tutorial/ Practical
Cell damage	4	2	2
Necrosis	4	2	2
Inflammation	4	2	2
Cirrhosis	4	2	2
Tumors	4	2	2
Chemotherapeutic agents	4	2	2

4- Teaching and Learning Methods:

4.1-Lectures.

4.2-Research assignment.

4.3-Oral presentation.

4.4- Exams.

5- Student Assessment Methods:

5.1-Reports to assess collection of course material.

5.2- Report oral defense to assess understanding the report.

5.3-Mid term exam to assess Mid term performance.

5.4-Final term exam to assess end of course performance.

Assessment Schedule:

Assessment1 reports Week 1 report every 3 weeks.

Assessment2 report defense Week every 3 weeks.

Assessment3 Mid term Week mid term.

Assessment4 final term exam Week final ter

Weighting of Assessment

Mid-Term Examination	20 %
Final-Term Examination	40%
Oral Examination	10%
Practical Examination	20%
Semester Work	10%
Other Types of Assessment	0%
Total	100%
Any Formative only Assessment	

6- List of References:**6.1- Essential Books(Text Books):**

*Muir's text book of pathology.

6.2- Recommended Books

*A notes in histopathology.

6.3- Periodicals, Web Sites, ...etc

* Journal of pathology.

7- Facilities Required for Teaching and Learning:

* Slides and overhead projector.

Course coordinator: Prof. Dr. Saber Abd-El-Rahman Sakr

Head of Department: Prof. Dr. Saber Sakr

