



Quality Assurance Unit



**Tanta University
Faculty of Medicine**

**Department of Tropical medicine and infectious
diseases**

Course Specifications

**Doctorate degree of Tropical medicine and Infectious
Diseases**

First part: TROPID 9002 (Applied Pathology)

2024 -2025

**Course Specifications of Tropical medicine and infectious diseases-
Doctorate degree- First part- TROPID 9002- Applied Pathology**

University: Tanta

Faculty: Medicine

**Department: Tropical
medicine and infectious
diseases**

A- Administrative Information

- 1. Course title: Applied pathology**
- 2. Department offering the program: Tropical medicine and infectious diseases department**
- 3. Department responsible for the course: Tropical medicine and infectious diseases department**
- 4. Course code: TROPID 9002**
- 5. Level: First part**
- 6. No. of Credit / taught hours: 1 credit hour/15 taught hours**

Authorization date of course specification: 3/11/2025

B- Professional Information

1 – Overall Course aims

This course aims to help the student acquire a basic knowledge of applied pathology relevant to differential diagnosis and management of patients suffering from hepatobiliary, gastrointestinal, endemic or infectious diseases

2 – Intended learning outcomes (ILOs):

A-knowledge and understanding:

- 1. By the end of the course, graduates should be able to:**
 - a. 1-Identify the basic applied pathology theories and principles of hepatic and biliary system function and dysfunction**
 - a. 2- Identify the basic applied pathology theories and principles of gastrointestinal system function and dysfunction**
 - a.3- Identify the basic applied pathology theories and principles of common endemic diseases.**
 - a.4- Identify the basic applied pathology theories and principles of common infectious diseases.**
 - a. 5- Identify the basic applied pathology theories and principles of general medicine.**

B-intellectual skills

By the end of the course, graduates should be able to:

- b. 1- Analyze medical problems referring to their roots in applied pathology.
- b. 2- Interpret problems of hepatic and biliary system function and dysfunction in relation to applied pathology
- b. 3- Interpret problems of gastrointestinal system function and dysfunction in relation to applied pathology
- b. 4- Interpret problems of common endemic diseases in relation to applied pathology.
- b. 5- Interpret problems of common infectious diseases in relation to applied pathology

C-professional & practical skills

D-general transferable skills

By the end of the course, the student should be able to:

- d. 1- Communicate effectively with colleagues.
- d. 2- Apply different learning resources to acquire knowledge and information.
- d. 3- Adopt effective practice of continuous medical education

3-Course contents

Topics	Theoretical	Total credit hours
Applied pathology	1	1

Detailed curriculum and logbook are annexed

The course topics

	Theoretical
<p>I- General pathology</p> <ul style="list-style-type: none"> • Inflammation and repair • Cell and tissue injury • Necrosis and gangrene • Viral, fungal and parasitic diseases <p>2- Special pathology</p> <ul style="list-style-type: none"> • Diseases of the liver <ul style="list-style-type: none"> - Fibrosis - Cirrhosis - Degeneration - Granulomas - Hepatic failure - Non neoplastic disorders - Neoplasia • Diseases of gastrointestinal tract <ul style="list-style-type: none"> - Dysentery - Ulcers of GIT - Malabsorption syndrome - Inflammatory bowel disease • Diseases of lymph nodes <ul style="list-style-type: none"> - lymphomas • Blood diseases <ul style="list-style-type: none"> - Anemia - Leukemias • Central nervous system diseases <ul style="list-style-type: none"> - Meningitis - Encephalitis - Rabies 	<p>1 credit hour / 15 taught hours</p>
Total	1 credit hour

4-Teaching and learning methods

Methods of teaching and learning	ILOS
Lectures	a1-6, b1-5, d1-3

5-Student Assessment

- Final exam included in the MD first part exam.

Methods of assessment	ILOS
Written	a1-5, b1-5
Oral	a1-6, b1-5

6- Weighing of assessments

Method of assessment	Marks
Written	20 marks
Oral	30 marks
Total	50 marks

7- List of references:

7.1 Course notes:

7.2 Textbooks:

- Kumar, V., Abbas, A.K., and Aster, J. (2013): Robbins basic pathology: with Student consult. 9th edition. Saunders, Elsevier. US.

7.3 Recommended books:

- Goljan, E.F. (2014): Rapid review pathology: with student consult. 4th edition. Saunders, Elsevier. US.

7.4 Periodicals and web sites

8- Other resources/ facilities required for teaching and learning to achieve the above ILOs

9- We certify that all the information required to deliver this course is contained in the above specifications and will be implemented

We verify that the above course and the analysis of students and external evaluator opinions are accurate.

Program coordinator: Prof. Ferial El-Kalla

Signature.....

Course coordinator: Ass Prof. Nehad Hawash

Signature:.....

Head of department: Prof. Dina Ziada

Signature.....

Head of quality assurance unit: Prof. Dina Ziada

Signature.....