



**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)**

**2025-2026**

**Course Specifications of Tropical medicine and infectious diseases-  
Doctorate degree-First part- TROPID9002-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: TROPID9002**
5. **Level: First part**
6. **No. of Credit / taught hours: 1 credit hour/15 taught hours**

**Authorization date of course specification: 7/10/2025**

**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- Academic standards adopted**

Academic standards for postgraduates by The Egyptian Authority for Quality Assurance and Accreditation for Education (NAQAAE) 2009 implemented by the faculty council for medical degree of Doctorate on 24/9/2025.

**4-Course contents**

Topics	Theoretical	Total credit hours
Applied pathology	1	1

Detailed curriculum and logbook are annexed

**5- The course topics**

	Theoretical
I- General pathology	1 credit hour
• Inflammation and repair	/ 15 taught hours
• Cell and tissue injury	
• Necrosis and gangrene	
• Viral, fungal and parasitic diseases	
2- Special pathology	

	<b>Theoretical</b>
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- Diseases of the liver
  - Fibrosis
  - Cirrhosis
  - Degeneration
  - Granulomas
  - Hepatic failure
  - Non neoplastic disorders
  - Neoplasia
- Diseases of gastrointestinal tract
  - Dysentery
  - Ulcers of GIT
  - Malabsorption syndrome
  - Inflammatory bowel disease
- Diseases of lymph nodes
  - lymphomas
- Blood diseases
  - Anemia
  - Leukemias
- Central nervous system diseases
  - Meningitis
  - Encephalitis
  - Rabies

<b>Total</b>	
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	<b>1 credit hour</b>
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#### 6-Teaching and learning methods

Methods of teaching and learning	ILOS
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Lectures	
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	a1-6, b1-5, d1-3
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#### 7-Student Assessment

- Final exam included in the MDfirst part exam.

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

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

### 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. 9<sup>th</sup> edition. Saunders, Elsevier. US.

#### 7.3 Recommended books:

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

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

#### 8.1 Periodicals and web sites related to updated issues.

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

Program coordinator: Prof. Ferial El-Kalla Signature.....

Course coordinator: Ass Prof. Nehad Hawash

Signature: *Nehad Hawash*

Head of department: Prof. Dina Ziada

Signature: *Dina Ziada*

Head of quality assurance unit: Prof. Eslam Elhawary

Signature: *Dr. Eslam Elhawary*

