



**Quality Assurance Unit**



**Tanta University  
Faculty of Medicine**

**Department of Tropical Medicine and infectious diseases**

**Program Specifications (Semesters 1-4)**

**Tropical Medicine and Infectious diseases Diploma degree**

**TROPID 700**

**2024-2025**

**Tropical Medicine and Infectious Diseases Diploma Degree Program Specifications**

**University: Tanta**

**Faculty: Medicine**

**Department: Tropical Medicine  
and Infectious diseases**

**A- Basic information**

**1-Program title Tropical Medicine and Infectious Diseases Diploma degree**

**2-Program Code: TROPID 700**

**3- Program coordinator: Prof Ferial El-Kalla- Professor of Tropical Medicine Tanta University**

**4-Program internal evaluator: Prof Dr Fathia Assal- Professor of Tropical Medicine Tanta University**

**5-Program external evaluator: Prof Dr Hassan Elbatea - Professor of Tropical Medicine Kafr Elsheikh University**

**6-Date of approval: 3/9/2024**

**7-Departments offering the courses of the program: Physiology, Biochemistry, Pathology, Parasitology, Microbiology, Public Health, Internal Medicine, Tropical Medicine and Infectious Diseases Departments- Faculty of medicine – Tanta University**

**B- Professional information**

**1 – Overall program aims**

**Our program aims to help the student with knowledge, skills and attitude that qualify him to perfect management of patient suffering from hepatobiliary, gastrointestinal, endemic, and infectious diseases in an ethical and professional manner applying basic hygiene infection control, and quality principles.**

**2 – Intended learning outcomes (ILOs):**

**A-knowledge and understanding:**

**By the end of the program graduate should be able to:**

**a.1-Identify the basic theories and principles of basic science of endemic and infectious diseases; regarding diagnosis, management, control, and prevention.**

**a.2- Identify the basic theories and principles of basic science of hepatobiliary and splenic diseases; regarding diagnosis, management, control, and prevention**

**a.3- Identify the basic theories and principles of basic science of the gastrointestinal system diseases; regarding diagnosis, management, control, and prevention**

**a.4-List the ethical and legal principles of medical practice**

**a.5- Identify the principles of quality assurance in medical practice**

**a.6- Outline the effect of medical practice on surrounding environment and how can it be made safe (syringe disposal, tissue and blood specimen transport...etc.)**

#### **B-Intellectual skills**

**By the end of the program, graduates should be able to:**

- b.1- Analyze medical problems referring to their roots in basic science.**
- b.2- Interpret common medical problems related to endemic, and infectious diseases.**
- b.3- Interpret common medical problems related to hepatobiliary and splenic diseases.**
- b.4- Interpret common medical problems related to gastrointestinal and pancreatic diseases.**
- b.5- Categorize medical material related to the specialties from medical journals and present them in seminars.**
- b.6- Distinguish the recent advances of hepatobiliary, gastrointestinal, pancreatic, and infectious diseases on the rise in Egypt and the world**
- b.7- Critique up to date related medical topics in medical journals through journal clubs.**
- b.8-Examine risks in hepatobiliary, gastrointestinal and infectious diseases management practice.**
- b.9-Formulate treatment plans according to available information in particular situations.**

#### **C-Professional &practical skills**

**By the end of the program, students should be able to:**

- c.1 Apply previously learnt basic medical knowledge to further their understanding of gastrointestinal, pancreatic, hepatobiliary, endemic and infectious diseases.**
- c.2- Examine patients by real time abdominal ultrasound.**
- c.3- Compare and interpret common investigation reports related to the specialty (upper and lower endoscopy, radiology, serology, chemistry, PCR, viral panels, serology, culture and sensitivity tests, lumbar punctures, ascitic fluid analyses, liver function test, CBC, histopathology etc.)**
- c.4-Report clinical data of a given case in a provisional sheet, and develop a management plan for a clinical case.**
- c.5- Compose a referring medical report about clinical case, reflecting its diagnosis and management plan, and respecting medico legal aspects.**
- c. 6- Improve their patient care practices based on constant self-evaluation and lifelong learning.**

#### **D-General transferable skills**

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

- d. 1- Demonstrate proficient communication skills with both peers and patients.
- d. 2- Apply basic computer using skills which serve career development.
- d. 3- Apply self -evaluation and specify medical educational needs.
- d. 4-Apply different learning resources to acquire knowledge and information.
- d. 5- manage time effectively in his practice.
- d.6- Collaborate effectively with a healthcare team in the management of patient care in clinical settings.
- d. 7- Adopt effective practice of continuous medical education.

#### **3 – Program structure and content:**

**3-1- Program duration: At least 24 months from registration**

**3-2- Program structure:**

**1<sup>st</sup> part:** During the first semester (first 6 months) after registering for the degree. Has a total of 9 credit hours and accounts for 25% of the total marks. Students attend at the Physiology, Biochemistry, Pathology, Parasitology, Microbiology, Public Health, and Internal Medicine departments- Faculty of medicine – Tanta University

**2<sup>nd</sup> part:** During 3 semesters, with a total of 27 credit hours and accounts for 75% of the total marks. Students are required to engage in full-time participation at the department of Tropical medicine and infectious diseases, fulfilling 75% of the logbook & passing end semester exams to be allowed to enter the final exams. Successfully completing the final exams results in the attainment of the degree.

#### **4-Courses included in the program:**

##### **Course titles of the first part**

- Physiology and biochemistry (theoretical only) (TROPID 7001)
- Medical parasitology and microbiology (practical and theoretical) (TROPID 7002)
- Applied pathology (practical and theoretical) (TROPID 7003)
- Public health (theoretical) (TROPID 7004)
- Internal medicine (clinical and theoretical) (TROPID 7005)
- Elective course

**Departments offering the courses: Physiology, Biochemistry, Pathology, Parasitology, Microbiology, Public Health, Internal Medicine, - Faculty of medicine – Tanta University**

##### **Course titles of the second part**

**Semester 2:**

- Infectious diseases course (clinical and theoretical) (TROPID 7006)
- Elective course

**Semester 3:**

- **Hepatobiliary diseases course TROPID 7007 (clinical and theoretical)**
- **Elective course**

**Semester 4:**

- **Gastroenterology course TROPID 7008 (clinical and theoretical)**
- **Elective course**

**Department offering the courses: Tropical Medicine and Infectious Diseases  
Department, Tanta University**

## Tropical Medicine and Infectious diseases Diploma degree- Program Specifications, 2024-2025

Code	Course Title	Number of taught hours				Total credit hours / course	Remarks	ILOs Covered
		Lectures	Practical	Clinical training	Scientific activities			
	1 <sup>st</sup> semester							
TROPID 7001	Applied Physiology and biochemistry	15				1		a.1, a.2, a.3, b1, c.1
TROPID 7002	Microbiology and parasitology	15	30			2		a.1, a.2, a.3, b.1, c.1, c.3
TROPID 7003	Applied pathology	8	15			1		a.1, a.2, a.3, b.1, c.1, c.3
TROPID 7004	Public health	15				1		a.1, a.2, a.3, b.1, c.1, a.6
TROPID 7005	Internal medicine	15		30 (1 cr.)		2		a.1, a.2, a.3, b.1, c.1, c3, c4, d1,
	Scientific activities				60 (4h/w for15w)	1		a.4, a.5, a.6, b.5, d.2, d.4
	One Elective Course	15				1		d.1, d.2, d.3, d.4, d.6

**Tropical Medicine and Infectious diseases Diploma degree- Program Specifications, 2024-2025**

Code	Course Title	Number of taught hours				Total credit hours / course	Remarks	ILOs Covered
		Lectures	Practical	Clinical training	Scientific activities			
	Second Semester							
TROPID 7006	Infectious Diseases	68 (4.5 cr.)		75 (2.5 cr.)		7		a.1, a.4, a.5, a.6, b.2, b.6, b.8,b.9,c.1, c.2, c.3, c.4, c.5, d.1, d.5, d.6
	Scientific Activities				60 (4h/w for15w)	1		a.4, a.5, a.6, b.5, d.2, d.4
	Elective Course	15				1		d.1, d.2, d.3, d.4, d.6
	Third semester							
TROPID 7007	Hepatobiliary diseases	68 (4.5 cr.)		75 (2.5 cr.)		7		a.5, a.6, b.3, b.6, b.8, b.9, c.1, c.2, c.3, c.4, c.5, d.1, d.5, d.6
	Scientific activities				60 (4h/w for15w)	1		a.4, a.5, a.6, b.5, b.6, b.7, d.2, d.4
	Elective Course	15				1		d.4, d7

**Tropical Medicine and Infectious diseases Diploma degree- Program Specifications, 2024-2025**

Code	Course Title	Number of taught hours				Total credit hours / course	Remarks	ILOs Covered
		Lectures	Practical	Clinical training	Scientific activities			
	Fourth semester							
<b>TROPID 7008</b>	<b>Gastroenterology</b>	<b>68 (4.5 cr.)</b>		<b>75 (2.5 cr.)</b>		<b>7</b>		<b>a.5, b.4, b.6, c.1, c.2, c.3, c.4, c.5, d.1, d.5, d.6</b>
	<b>Scientific Activities</b>				<b>60 (4h/w for15w)</b>	<b>1</b>		<b>a.4, a.5, a.6, b.5, d.2, d.4</b>
	<b>Elective Course</b>	<b>15</b>				<b>1</b>		<b>d.4, d.7</b>
<b>Total</b>		<b>249 (24.5cr.)</b>	<b>45 (1.5 cr.)</b>	<b>255 (8.5 cr.)</b>	<b>240 (4 cr.)</b>	<b>36</b>		



## Tropical Medicine and Infectious diseases Diploma degree- Program Specifications, 2024-2025

### شهادة الدبلوم في طب المناطق الحارة والأمراض المعدية Diploma in Tropical Medicine and Infectious Diseases (TROPID 700)

الإمتحانات					المناهج			
مجموع الدرجات	كلينيكي	شفوي	عملي	نظري	عدد الأوراق	الساعات المعتمدة	الكود	المقرر الدراسي
٤٠		٢٠		٢٠	١	١	TROPID7001	١. مقرر علمي وعمل في الفسيولوجيا والكيمياء الحيوية.
٥٥		٢٥		٣٠	١	٢	TROPID7002	٢. مقرر علمي وعمل في البكتريولوجيا والطبقات البشرية.
٢٥		١٥		١٠	١	١	TROPID7003	٣. مقرر علمي وعمل في الباثولوجيا التطبيقية.
٢٥		١٥		١٠	١	١	TROPID7004	٤. مقرر علمي وعمل في الصحة العامة.
٨٠	٢٥	٢٥		٣٠	١	٢	TROPID7005	٥. مقرر علمي وكلينيكي في أمراض الباطنة العامة.
						١		مقررات اختيارية.
						١		أنشطة علمية.
٦٧٥	١٠٠	١٣٥		١٧٠	١	٧	TROPID 7006	مقررات علمية وكلينيكية في طب المناطق الحارة والأمراض المعدية.
	١٠٠			١٧٠	١	٧	TROPID 7007	
						٧	TROPID 7008	
						٣		مقررات اختيارية.
٦٧٥						٣		أنشطة علمية.
٩٠٠	٢٢٥	٢٣٥		٤٤٠		٣٦		المجموع

- **Taught and Credit hours (total of the program): 36 credit hours**
  - **Clinical 255 (8.5 credit hours)**
  - **Theoretical 249 (24 credit hours)**
  - **Practical 45 (1.5 credit hours)**
  - **Scientific activities 240 (4 credit hours)**

## Tropical Medicine and Infectious diseases Diploma degree- Program Specifications, 2024-2025

ILOs of courses versus ILOs of the program																														
	A						B									C						D								
	A1	A2	A3	A4	A5	A6	B1	B2	B3	B4	B5	B6	B7	B8	B9	C1	C2	C3	C4	C5	C6	D1	D2	D3	D4	D5	D6	D7	D8	D9
English language																						*			*			*		
Basic computer skills or ICDL																							*							
Physiology & biochemistry	*	*	*																						*					
Applied pathology	*	*	*															*							*					
Medical parasitological & microbiology	*		*															*							*					
Public health	*				*																			*						
Internal medicine				*	*		*										*		*	*		*		*	*	*				
Infectious diseases			*	*	*	*		*			*	*				*	*	*	*	*		*		*	*	*	*			

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Hepatobiliary diseases				*	*	*			*		*	*				*	*	*	*	*		*		*	*	*	*		
Gastroenterology				*	*	*				*	*	*				*	*	*	*	*		*		*	*	*	*		

### ILOs of Program versus Academic Reference Standard (ARS)

ILOS versus Academic Reference Standard (ARS)																			
ILOs	ARS	A				B					c		D						
		1	2	3	4	1	2	3	4	5	1	2	1	2	3	4	5	6	7
A	.1	*																	
	2	*																	
	3	*																	
	.4		*																
	5			*															
	.6				*														
B	.1					*													
	2						*												
	.3						*												

ILOS versus Academic Reference Standard (ARS)																			
<div>ARS</div> <div>ILOs</div>		A				B					c		D						
		1	2	3	4	1	2	3	4	5	1	2	1	2	3	4	5	6	7
	.4						*												
	.5							*											
	6							*											
	7							*											
	8								*										
	9									*									
C	.1										*								
	2										*								
	3										*								
	4											*							
	5											*							
	6																		
d.	1												*						

ILOS versus Academic Reference Standard (ARS)																			
<div>ARS</div> <div>ILOs</div>		A				B					c		D						
		1	2	3	4	1	2	3	4	5	1	2	1	2	3	4	5	6	7
	2													*					
	.3														*				
	.4															*			
	5																*		
	6																	*	
	7																		*

**5 – Program admission requirements:**

Registration, progress requirements, and schedule of written exams are provided by the faculty through the post graduate guide book according to postgraduate rules paragraph no.24-36, 41-49.

**6-Program assessment and evaluation:**

**Assessment**

**First part:**

The total degrees account for 25% of program marks

- Students are permitted to attend the first part exam no less than 6 months from the date of registration for the degree. The exams assess physiology, pathology, parasitology, microbiology, public health, biochemistry, internal medicine, medical statistics, computer science and English language.

Each course has its exam and report

**Second part**

The total degrees account for 75% of program marks

Passing 75% of log book activities and end semester exam for each of the three semester courses (Infectious diseases, Hepatobiliary diseases and gastroenterology) is a must to enter the final exams.

Method of Assessment	mark
Final written examination paper 1: Hepatobiliary diseases and gastroenterology	170
Final written exam paper 2: Infectious diseases	170
Oral examination	135
Clinical long case	100
Clinical short case 1	50
Clinical short case 2	50
Formative assessment	Log book
Semester work	Clinical and theoretical exams after each semester should be passed
Total	675

**Evaluation**

- Reports of program external and internal evaluators
- Student questionnaires
- Reports of faculty internal auditing system

**Will be included in the annual program report, and action plan will be structured accordingly**

**7-We certify that all of the information required to deliver this program is contained in the above specifications and will be implemented.**

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

**Signature**.....

**Head of the department:** Prof. Dina Ziada

**Signature**.....

**Head of quality assurance unit:** Prof. Dina Ziada

**Signature**.....