



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

2025-2026

**Tropical Medicine and Infectious diseases Diploma degree- Program Specifications,
2025-2026**

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2025-2026**

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 Raafat Salah- Professor of Tropical Medicine Tanta University**
- 5-Program external evaluator: Prof Dr Mysaa Abd Allah Mohamed - Professor of hepato-gastroenterology and infectious diseases Zagazig University**
- 6-Date of approval:24/9/2020**
- 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- 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 Diploma on 24/9/2025.

4 – Program structure and content:

4-1- Program duration: At least 24 months from registration

4-2- Program structure:

1st part: During the first semester(first 6 months) after registering for the degree.Has a total of 9 credit hours andaccounts 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

2nd 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.

5-Courses included in the program:

Course titles ofthe 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

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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**

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Code	Course Title	Number of taught hours				Total credit hours / course	Remarks	ILOs Covered
		Lectures	Practical	Clinical training	Scientific activities			
1 st 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		60 (1 cr.)		2		a.1, a.2, a.3, b.1, c.1, c3, c4, d1,
	Scientific activities				60 (4h/w for 15w)	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

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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.)		150 (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 for 15w)	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.)		150 (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 for 15w)	1		a.4, a.5, a.6, b.5, b.6, b.7, d.2, d.4	
	Elective Course	15			1		d.4, d.7	

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Code	Course Title	Numberof taught hours			Total credit hours / course	Remarks	ILOs Covered
		Lectures	Practical	Clinical training			

Fourth semester

TROPID 7008	Gastroenterology	68 (4.5 cr.)	150 (2.5 cr.)		7		a.5, b.4, b.6, 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.4, d.7
Total		249 (24.5cr.)	45 (1.5cr.)	510 (8.5 cr.)	36 (4 cr.)		

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

الدرجات							التمارين		الامتحانات		مجموع الدرجات
مقرر	نظري	عملي	نظري	عملي	مجموع	الدرجة	مقرر	نظري	عملي	مجموع	
1. مقرر علمي وجلسي في الفسيولوجيا والكيمياء الحيوية	20	20	20	20	80	TROPID7001	مقرر علمي وجلسي في الفسيولوجيا والكيمياء الحيوية	20	20	40	الجزء الأول
2. مقرر علمي وجلسي في الميكروبيولوجيا والطبقات البشرية	20	20	20	20	80	TROPID7002	مقرر علمي وجلسي في الميكروبيولوجيا والطبقات البشرية	20	20	40	
3. مقرر علمي وجلسي في الوراثة الجزيئية	20	20	20	20	80	TROPID7003	مقرر علمي وجلسي في الوراثة الجزيئية	20	20	40	
4. مقرر علمي وجلسي في الصحة العامة	20	20	20	20	80	TROPID7004	مقرر علمي وجلسي في الصحة العامة	20	20	40	
5. مقرر علمي وجلسي في أمراض الطفولة العامة	20	20	20	20	80	TROPID7005	مقرر علمي وجلسي في أمراض الطفولة العامة	20	20	40	
							مقررات اختيارية				الجزء الثاني
							انتقطة علمية				
6. مقرر علمي وجلسي في طب المناطق الحارة والأمراض المعدية	20	20	20	20	80	TROPID 7006	مقرر علمي وجلسي في طب المناطق الحارة والأمراض المعدية	20	20	40	
7. مقرر علمي وجلسي في طب المناطق الحارة والأمراض المعدية	20	20	20	20	80	TROPID 7007	مقرر علمي وجلسي في طب المناطق الحارة والأمراض المعدية	20	20	40	
8. مقرر علمي وجلسي في طب المناطق الحارة والأمراض المعدية	20	20	20	20	80	TROPID 7008	مقرر علمي وجلسي في طب المناطق الحارة والأمراض المعدية	20	20	40	
							مقررات اختيارية				المجموع
							انتقطة علمية				
							المجموع	240	240	480	

- 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)

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Gastroenterology				*	*	*	*				*	*	*	*	*	*	*	*
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ILOsof Program versus Academic Reference Standard (ARS)

ILOS versus Academic Reference Standard (ARS)																			
ARS \ ILOs	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							*												
.4								*											

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6 – 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.

7-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

8-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...*Dina Ziada*.....

Head of quality assurance unit: Prof. Eslam Elhawary

Signature.....*Dr Eslam Elhawary*.....

