1. Program Description							
Year/Level Course Code Course Name Credit Hours							
2024-2025/ second	2		theoretic al	practical			
		Medical virology & parasitology	2	2			

2. Expected learning outcomes of the program							
Knowledge							
Learning Outcomes 1 Learning Outcomes Statement 1							
Skills							
Learning Outcomes 2	Learning Outcomes Statement 2						
Learning Outcomes 3 Learning Outcomes Statement 3							
Ethics							
Learning Outcomes 4 Learning Outcomes Statement 4							
Learning Outcomes 5 Learning Outcomes Statement 5							

3. Teaching and Learning Strategies

Three different teaching strategies are employed in this course, all these strategies are suitable for medical learning

- 1- Behaviorism: This focuses on observing the measurable behaviors of the student after filling his memory with information and seeding his confidence by eliciting positive feedback and encouragement, rewarding him, or just recognizing him as intelligent.
- 2- Constructivism: this type of education focuses on encouraging the students to participate in the work or discussions and to add their points of view to solve problems. This type of education is

suitable for medical and practical sciences students, particularly in laboratory work, as students can aggregate into small groups, perform experiments, and exchange their experiences (or what they have learned). At the same time, the teacher observes the discussion between the students and intervenes only in case there is a wrong idea or misunderstood.

Humanism: This type of education relies on the idea that everyone has inherent capabilities that can be estimated by providing good environments for those capabilities to appear. The teacher's role in this type of education is to trigger the student's self-actualization.

4. Evaluation methods

- 1- Open discussion
- 2- Pre-test (direct questions at the beginning of the lectures)
- 3- Activities (brain storming)
- 4- Post -test (written)
- 5- Weekly quizzes
- 6-Monthly examinations

5. Faculty							
Faculty Members							
Academic Rank	Speciali	zation	Special Requirements/Skills (if applicable)	Number of the teaching staff			
	Gener al	Special		Staff	Lecturer		

		<u>l</u>	<u>l</u>			<u>l</u>	
Professional Development							
Mentoring new faculty members							
Briefly describes the process used to mentor new, visiting, full-time, and part-time							
faculty at the institution and department level.							
Business and development of facility manufacture							

Professional development of faculty members

Briefly describe the academic and professional development plan and arrangements for faculty such as teaching and learning strategies, assessment of learning outcomes, professional development, etc.

6. Acceptance Criterion

(Setting regulations related to enrollment in the college or institute, whether central admission or others)

7. The most important sources of information about the program

State briefly the sources of information about the program.

8. Program Development Plan

	Program Skills Outline														
							Requi	red p	rogra	m Lea	rning	outco	mes		
Year/Level	Course Code	Course Name	Basic or	Knov	vledge	9		Skill	s			Ethi	cs		
	Code	optional	A1	A2	A3	A4	B1	B2	В3	B4	C1	C2	С3	C4	
2024-2025/ second	2	Medical virology & parasitology	optional		V				V				V		
_															

• Please tick the boxes corresponding to the individual program learning outcomes under evaluation.

Course Description Form

1. Cc	Course Name:								
Medical v	Medical virology & parasitology								
2 . Co	2. Course Code:								
3. Se	mestei	r / Year:							
2024-202	5/ secon	ıd							
4. De	escripti	on Preparation Da	te:						
26/1/202	25								
5. Av	ailable	Attendance Forms:							
le	cture ir	the classroom							
6. Ni	ımber o	of Credit Hours (Tot	al) / Nu	mber of Units (Total)				
2 hours	per we	ek in total 30 hour	s per co	ourse / 4 units					
7. Co	ourse a	administrator's nan	ne (me	ntion all, if mo	re than on	e name)			
Na	ame:								
Er	nail:								
8. Co	ourse (Objectives							
Course O	bjective	es		Objectives :-	. 1	1 11 / 1			
				At the end of the cou- -Parasitology and M		be able to know			
				-Medical Parasitolo		d Worms).			
9. Te	eaching	g and Learning Str	ategies	•					
Strategy	Del	ivering the lecture using	g PowerI	Point					
		ntinuous discussion th	_	U 1					
		tivating the student to the							
	Using innovative educational methods such as the smart board and educational presentations that bring the material closer to the student's mind.								
10. Cou			111410114	croser to the stad	ent s mind.				
Week	Hour	Required	Unit o	r subject	Learning	Evaluation			
	s	Learning	name	•	method	method			
			Hallio		motiloa				
firet	2	Outcomes Understand and apply	naracita	definition,	The lecture	Daily quarterly			
first	2	lecture	-	ogy, host,	The lecture	Daily, quarterly annual tests			
			commensalisms parasitism ,						

second	2	Understand and	annly	intestinal protozoa ,amoebic	The lecture	Daily, quarterly
second	2	lecture	аррту	dysentery, shape life cycle	The lecture	annual tests
				symptoms,		
				diagnosis, treatment. E.histoly		
				life cycle symptoms, diagno		
				treatment		
third	2	Understand and	apply	E. gingivalis life cycle	The lecture	Daily, quarterly
		lecture		symptoms, diagnosis,		annual tests
				treatment.		
				Acanthameoba life cy		
F41.	12	II. dtdd	1	symptoms, diagnosis, treatme	T1 14	D-11
Fourth	2	Understand and lecture	appiy	Intestinal flagella, giardia	The lecture	Daily, quarterly annual tests
		lecture		lamblia, shape, diagnosis, treatment.		annuar tests
				intestinal cilia: blanttidium c		
				shape- life cycle dise		
				diagnosis, treatment.		
Fifth	2	Understand and	apply	N. fowleri life cycle	The lecture	Daily, quarterly
THUI		lecture	appry	symptoms, diagnosis,	The lecture	annual tests
		lecture		treatment.		aiiiidai tests
				T. vaginalis life cycle sympto		
				diagnosis, treatment		
Sixth	2	Understand and	apply	Blood unicellular parasite	The lecture	Daily, quarterly
	-	lecture	Tr J	plasmodium:		annual tests
				Life cycle – Laborat		
				Diagnosis – Disease Treatmen		
Seventh	2	Understand and	apply	Leishmania donovani shape:	The lecture	Daily, quarterly
		lecture		Life cycle, Disease,		annual tests
				diagnosis, Treatment.		
				Leishmania tropica : Shape		
				disease, treatment		
Eighth	2	Understand and	apply	Toxoplasmosis: shape- life	The lecture	Daily, quarterly
		lecture		cycle disease diagnosis,		annual tests
377 4	_	77.1 . 1 . 1		treatment	mt t	D. 11
Ninth	2	Understand and	apply	Intestinal worms : pin	The lecture	Daily, quarterly
		lecture		worme, enterobius, shape,		annual tests
				male, femal, egg,		
4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 - 4 -	12	I Indoneton don d	a	life cycle, disease, treatment	The lecture	Dailer arrantanter
tenth	2	Understand and lecture	appiy	Ascaris: shape, (male, femal, egg)	The lecture	Daily, quarterly annual tests
		lecture		cycle, disease, diagnosi		aiiiuai tests
				treatment.		
eleven	2	Understand and	applv	Tap worms:	The lecture	Daily, quarterly
		lecture	~PP1J	Taenia solium & Tae	1110 10010110	annual tests
		1000010		saginata:- shape, life cy		
				diagnosis, treatment		
twelve	2	Understand and	apply	Schistosoma hacmatobium :	The lecture	Daily, quarterly
		lecture	•	Shape, male, femal, egg,		annual tests
				cycle, disease, diagnosis		
				treatment.		
thirteen	2	Understand and	apply	Hydatid cyst: shape, life cy	The lecture	Daily, quarterly
		lecture		diagnosis, treatment.		annual tests
Fourteen	2	Understand and	apply	Virology:	The lecture	Daily, quarterly
		lecture		Introduction gene		annual tests
				classification of virus.		

fifteen	2	Understand and apply	Virus infection types, Clin The lecture	Daily, quarterly
		lecture	diagnosis, treatment	annual tests

11. Course Evaluation	
20 marks (theoretical exam)+20marks(praguizzes) +50 marks final examination (40 theoretical	
12. Learning and Teaching Resour	ces
Required textbooks (curricular books, if any	
Main references (sources)	
Recommended books and references	
(scientific journals, reports)	
Electronic References, Websites	