

1. Program Description				
Year/Level	Course Code	Course Name	Credit Hours	
2024-2025/ second	2		theoretical	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	Specialization		Special Requirements/Skills (if applicable)	Number of the teaching staff	
	General	Special		Staff	Lecturer

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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.

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															
				Required program Learning outcomes											
Year/Level	Course Code	Course Name	Basic or optional	Knowledge				Skills				Ethics			
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
2024-2025/ second	2	Medical virology & parasitology	optional		√				√				√		

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

Course Description Form

1. Course Name:					
Medical virology & parasitology					
2. Course Code:					

3. Semester / Year:					
2024-2025/ second					
4. Description Preparation Date:					
26/1/2025					
5. Available Attendance Forms:					
lecture in the classroom					
6. Number of Credit Hours (Total) / Number of Units (Total)					
2 hours per week in total 30 hours per course / 4 units					
7. Course administrator's name (mention all, if more than one name)					
Name:					
Email:					
8. Course Objectives					
Course Objectives				Objectives :- At the end of the course student will be able to know -Parasitology and Mycology. -Medical Parasitology (Protozoa and Worms).	
9. Teaching and Learning Strategies					
Strategy		Delivering the lecture using PowerPoint Continuous discussion through asking questions and answers in the hall & motivating the student to think independently and thus learn independently. Using innovative educational methods such as the smart board and educational presentations that bring the material closer to the student's mind.			
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
first	2	Understand and apply lecture	parasite definition , parasitology , host , commensalisms parasitism , parasite and pathogenicity	The lecture	Daily, quarterly annual tests

second	2	Understand and apply lecture	intestinal protozoa ,amoebic dysentery , shape life cycle symptoms , diagnosis, treatment. E.histoly life cycle symptoms, diagnosis treatment	The lecture	Daily, quarterly annual tests
third	2	Understand and apply lecture	E. gingivalis life cycle symptoms, diagnosis , treatment. Acanthameoba life cycle symptoms , diagnosis , treatment	The lecture	Daily, quarterly annual tests
Fourth	2	Understand and apply lecture	Intestinal flagella , giardia lamblia , shape , diagnosis , treatment . intestinal cilia: blantidium c shape- life cycle disease diagnosis, treatment.	The lecture	Daily, quarterly annual tests
Fifth	2	Understand and apply lecture	N. fowleri life cycle symptoms , diagnosis , treatment. T. vaginalis life cycle symptoms diagnosis, treatment	The lecture	Daily, quarterly annual tests
Sixth	2	Understand and apply lecture	Blood unicellular parasite plasmodium: Life cycle – Laboratory Diagnosis – Disease Treatment	The lecture	Daily, quarterly annual tests
Seventh	2	Understand and apply lecture	Leishmania donovani shape: Life cycle, Disease, diagnosis, Treatment. Leishmania tropica : Shape disease, treatment	The lecture	Daily, quarterly annual tests
Eighth	2	Understand and apply lecture	Toxoplasmosis: shape- life cycle disease diagnosis , treatment	The lecture	Daily, quarterly annual tests
Ninth	2	Understand and apply lecture	Intestinal worms : pin worme , enterobius , shape , male , femal , egg , life cycle , disease , treatment	The lecture	Daily, quarterly annual tests
tenth	2	Understand and apply lecture	Ascaris : shape , (male , femal , egg) cycle , disease , diagnosis treatment .	The lecture	Daily, quarterly annual tests
eleven	2	Understand and apply lecture	Tap worms: Taenia solium & Taenia saginata:- shape, life cycle diagnosis , treatment	The lecture	Daily, quarterly annual tests
twelve	2	Understand and apply lecture	Schistosoma hacmatobium : Shape , male , femal , egg , cycle , disease, diagnosis treatment .	The lecture	Daily, quarterly annual tests
thirteen	2	Understand and apply lecture	Hydatid cyst: shape, life cycle diagnosis, treatment.	The lecture	Daily, quarterly annual tests
Fourteen	2	Understand and apply lecture	Virology : Introduction general classification of virus.	The lecture	Daily, quarterly annual tests

fifteen	2	Understand and apply lecture	Virus infection types, Clin diagnosis, treatment	The lecture	Daily, quarterly annual tests
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11. Course Evaluation	
20 marks (theoretical exam)+20marks(practical exam)+10 marks(daily activity and quizzes) +50 marks final examination (40 theoretical and 10 practical) the total is 100	
12. Learning and Teaching Resources	
Required textbooks (curricular books, if any)	
Main references (sources)	
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	