

DISCIPLINE SHEET**ACADEMIC YEAR****2022- 2023****1. DATA ABOUT THE STUDY PROGRAM**

1.1 Institution of higher education	UNIVERSITY OF MEDICINE AND PHARMACY OF CRAIOVA
1.2 Faculty	MEDICINE
1.3 Department	2
1.4 Study Domain	HEALTH
1.5 Study cycle	LICENCE
1.6 Study program/ Qualification	MEDICINE

2. DATA ABOUT THE DISCIPLINE

2.1 DISCIPLINE NAME	TROPICAL PARASITOLOGY				
2.2. Discipline code	MED2215.1				
2.3 The holder of course activities	Ungureanu Anca/ Cristea Oana				
2.4 The holder of seminar activities	-				
2.5.Academic degree	Assoc.Prof. /Lecturer				
2.6. Employment (base norm/associate)	Base norm				
2.7. Year of study	II	2.8. Semester	II	2.9. Course type (content) 2.10. Regime of discipline (compulsoriness)	CRD

3. THE ESTIMATED TOTAL TIME (teaching hours per semester)

3.1 Number of hours per week:	1	3.2 From which: course	1	3.3 seminary/laboratory	-
3.4 Total hours in curriculum:	14	3.5 From which: course	14	3.6 seminary/laboratory:	-
Time found distribution (hours)					
Study from manual, course support, bibliography, and notes					22
Additional documentation in the library, specialized electronic platforms and, on the field					7
Training seminars / labs, homework, reports, portfolios, and essays					2
Tutoring					2
Examinations					1
Other activities... counselling, student scientific programs					2
3.7 Total hours of individual study	36				
3.9 Total hours per semester	50				
3.10 Number of credits ¹	2				

4. PREREQUISITES (where appropriate)

4.1 curriculum	Students must have solid knowledge of anatomy, biochemistry, biophysics, medical physics, cell and molecular biology.
4.2 competency	

5. CONDITIONS (where appropriate)

5.1. of course deployment	Lecture room / online environment
5.2. of seminary/ lab deployment	

6. SPECIFIC COMPETENCES ACCRUED

PROFESSIONAL COMPETENCE	C1. Identification the disease status and establishing the correct diagnosis.
	C2. Correct assessment of disease risk and context of occurrence of an individual / collective disease, followed by the selection and application of appropriate prophylaxis measures.
	C3. To address health issues/illness from the perspective of community specifics, directly related to the social, economic and/or cultural specific to community.
	C4. To initiate and conduct a scientific research activity and / or a training activity inside the field of competence
	C5. Knowledge of collection techniques for pathological products, to examine morphologically and microscopically tropical parasites, to differentiate tropical parasites.

TRANSVERSAL COMPETENCES	<p>CT1. Autonomy and responsibility</p> <ul style="list-style-type: none"> the acquisition of moral reference points, the formation of professional and civic attitudes, that will allow to the students to be fair, honest, helpful, understanding, unconflictuals, to cooperate and to be comprehensive in the face of suffering, to be available to help people, and to be interested in community development; to know, to respect and to contribute to the development of moral values and professional ethics; to learn how to recognize the problems when they arise, and provide solutions for solving them. <p>CT2. Social interaction</p> <ul style="list-style-type: none"> to recognize and to have respect for diversity and multiculturalism; to have or to learn how to develop teamwork skills; to communicate orally and in writing the manner of work requirements, the obtained results, to consult with the team; to engage themselves in voluntary activities, to know the essential problems of the community. <p>CT3. Personal and professional development</p> <ul style="list-style-type: none"> to have opening to lifelong learning, to be aware for self-study as a basis of personal autonomy and professional development; to derive the optimum and creative potential in their own collective activities; to know how to use information and communication technologies.
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7. DISCIPLINE OBJECTIVES (based on the grid of specific competences acquired)

7.1 The general objective of the discipline	<ul style="list-style-type: none"> - The importance of tropical parasitology - General notions on the morphology and biology of tropical parasitic agents - Parasite-host relations - Morphology, biological cycle, clinical manifestations of pathogenesis, laboratory and differential diagnosis, treatment, epidemiology and prophylaxis in tropical parasitic diseases.
7.2 The specific objectives of the discipline	<ul style="list-style-type: none"> - Acquiring the necessary knowledge on the involvement of tropical parasites in human diseases - Knowledge of clinical aspects in human tropical parasitic infections - Knowledge of the action of chemotherapeutics on tropical parasites - Acquiring knowledge to follow a laboratory diagnosis in tropical parasitic infections - Knowledge of epidemiology and prophylaxis in tropical parasitic diseases

8. CONTENTS

8.1 COURSES (CONTENT UNITS)	Hours
1.General concepts of tropical parasitology - Parasite-host relationships. The importance of tropical parasitology.	2
2.Morphology, biological cycle, pathogenic clinical manifestations, laboratory and differential diagnosis, treatment, epidemiology and prophylaxis in diseases with: Entamoeba histolytica and Leishmania	2
3.Trypanosoma și Plosmodium	2
4.Clonorchis, Opistorchis, Paragonimus	2
5.Schistosoma . Trichuris, Ankylostoma, lymphatic filaria	2
6.Cutaneous-dermic filaria	2
7.Poisonous species: scorpions, spiders, snakes. WHO's prevention and control action on tropical parasites	2
REFERENCES 1, Maria Bălășoiu, Ovidiu Zlatian, Oana Cristea, Andrei Theodor Bălășoiu, "Medical parasitology". Ed. Sitech, Craiova, 2020.	
8.2 Practical laboratory (topics / themes)	
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9. CORROBORATING THE DISCIPLINE CONTENT WITH THE EXPECTATIONS OF EPISTEMIC COMMUNITY REPRESENTATIVES, PROFESSIONAL ASSOCIATIONS AND EMPLOYEE REPRESENTATIVES RELATING TO THIS PROGRAM

<p>Microbiology is a fundamental discipline required for a student to become a doctor. Knowledge, practical skills and attitudes learned in this discipline provide the basis for performing the medical act of etiologic diagnosis of infectious diseases based on objective clinical examination and laboratory investigations.</p> <p>Theory and practical knowledge enables understanding of disease pathogenesis caused by bacterial, viral, parasitic and fungal agents. The results of laboratory investigations specific to etiology help in monitoring the disease progression and therapeutic option with beneficial effect on patient health.</p>
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10. METHODOLOGICAL LANDMARKS

Types of activity	Techniques of teaching / learning materials and resources: lecture, interactive group work, brainstorming, learning problems / projects etc.
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Course	Teaching based on imaging support (video projector), lecture, heuristic conversation, debate, clinical problems				
Practical work	-				
Individual study	The students are gave guidelines about organizing the study time, learning techniques, working memory and avoiding procrastination.				
In special situations (alert state, emergency state and other types of situations which limit the physical presence of people) the activity ca be done also online by using computer platforms agreed by the university. The online educational process will be adapted to ensure the accomplishment of all objectives from the discipline sheet.					
11. RECOVERY PROGRAM					
Absences recoveries	No. absences that can recover	Location of deployment	Period	In charge	Scheduling of topics
Schedule consultations Students' circle	1h / week	Discipline Headquarters / Online environment	Weekly	Teaching staff	According to the internal schedule
Program for students poorly trained	1h / week	Discipline Headquarters / Online environment	Weekly	Teaching staff	Achievement of specific objectives
12. ASSESMENT					
Activity	Types of assesment		Methodos of evaluation		Percentage from final grade
Lecturer	Formative assesment during the semester Summative assesment during the exam		Written exam/multiple choice test using online platforme		90%
Practical laboratory					
Periodic assesment					5%
Assement of individual activities					5%
Minimum performance standard					at least 50% for each component of the evaluation
13. GUIDANCE AND COUNSELLING PROGRAMS					
Professional guidance and counselling programs (2 hours/monthly)					
Scheduling the hours			Location		In charge
Last Friday of every month			Discipline headquarters/online		Conf.univ.dr.Ungureanu Anca

Endorsement date in the department: 27.09.2022

**Department Director,
Prof. Eugen OSIAC**

**Coordinator of study program,
Prof. Marius Eugen CIUREA**

**Discipline holder,
Assoc.Prof. Anca UNGUREANU**