

DISCIPLINE SHEET
ACADEMIC YEAR
2022 - 2023

1. DATA ABOUT THE STUDY PROGRAM

1.1 Institution of higher education	UNIVERSITY OF MEDICINE AND PHARMACY CRAIOVA
1.2 Faculty	MEDICINE
1.3 Department	5
1.4 Study Domain	HEALTH
1.5 Study cycle ¹⁾	LICENCE
1.6 Study program / Qualification	MEDICINE

2. DATA ABOUT THE DISCIPLINE

2.1 Discipline name	INFECTIOUS DISEASES		
2.2. Discipline code	MED6203		
2.3 The holder of course activities	Dumitrescu Florentina, Giubelan Lucian, Dragonu Livia, Stoian Andreea		
2.4 The holder of seminar activities	Dumitrescu Florentina, Giubelan Lucian, Dragonu Livia, Stoian Andreea		
2.5. Academic degrees	Lecturer		
2.6. Employment (owner or associate)	Owner		
2.7. Study year	VI	2.8. Semester	II
		2.9. Course type (content)	CSD
		2.10. Regimen of discipline (compulsoriness)	

3. THE ESTIMATED TOTAL TIME (TEACHING HOURS PER SEMESTER)

3.1 Number of hours per week	8	3.2 From which: course	3	3.3 workshop	5
3.4 Total hours in curriculum	112	3.5 From which: course	42	3.6 workshop	70
Time found distribution					
Study from manual, course support, bibliography, and notes					20
Additional documentation in the library, specialized electronic platforms and, on the field					10
Training seminars/labs, homework, reports, portfolios, and essay					10
Tutoring					4
Examination					8
Other activities, counselling, student scientific programs					11
3.7 Total hours of individual study	63				
3.9 Total hours per semester	175				
3.10 Number of credits	7				

4. PREREQUISITES (where appropriate)

4.1 curriculum	General knowledge of microbiology, immunology, semeiology, pharmacology, internal medicine, pediatrics, neurology, epidemiology
4.2 competency	History taking, general examination, formulation of an investigational plan, formulation of a treatment / prophylaxis plan

5. CONDITIONS (where appropriate)

5.1. of course deployment	Lecture Hall with projector/online
5.2. of the workshop/lab deployment	- lab, patient wards/online - study in advance of the theme

6. SPECIFIC COMPETENCES ACCRUED

PROFESSIONAL COMPETENCES	<p>C1-Identification of the health condition and establishing the correct diagnosis of the condition</p> <p>C2 - Preparing and applying an adequate treatment plan for the identified condition(s).</p> <p>C3 - Assessing correctly the risk of disease or the context of the occurrence of an individual/collective disease, followed by the selection and implementation of adequate prophylactic measures.</p> <p>C4 - Approaching the health/ill-health issues from the point of view of the characteristics of the community, in direct relation with the social, economic and/or cultural conditions of the respective community.</p> <p>C5 - Initiating and conducting a scientific or formative research in its field of competence</p>
TRANSVERSAL COMPETENCES	<p>C6 - Autonomy and Accountability</p> <ul style="list-style-type: none"> - Acquisition of moral guidelines, training of professional and civic attitudes that enable students to be fair, honest, non-confrontational, cooperative and understanding in the face of the sufferings, willing to help people, interested in community development - Know, respect and contribute to the development of moral values and professional ethics - Learn to recognize when a problem arises and provide responsible solutions to solve it <p>C7 - Social Interaction</p> <ul style="list-style-type: none"> - Know to have respect for diversity and multiculturalism - Have or learn to develop teamwork skills - Communicate (orally and in writing) requirements, working methods, results, consult with the team - To get involved in volunteering, to know the essential problems of the community <p>C8 - Personal and Professional Development</p> <ul style="list-style-type: none"> - Have openness to lifelong learning - To realize the need for individual study (the basis of personal autonomy and professional development) - To optimally exploit its creative potential in collective activities - The ability to use information and communication technology

7. DISCIPLINES OBJECTIVES (based on the grid of specific competences acquired)

7.1 The general objective of the discipline	to provide to the students the necessary knowledge and skills needed for the recognition, diagnosis, treatment, prevention and fighting against major infectious diseases in Romania and in the European Area.
7.2 The specific objectives of the discipline	<p>at the end of the study the student will be able to:</p> <ul style="list-style-type: none"> - to take the clinical and epidemiological history of the patient - to recognize the specific clinical signs of a given infectious disease - to decide about the tests needed for establishing the diagnosis of a given infectious disease - to interpret the data provided by the microbiological laboratory - to formulate the diagnosis of a given infectious disease - to determine the appropriate therapeutic approach in a case of infectious disease (with emphasis on the use of antimicrobials) - to decide about the isolation of a given patient having an infectious disease - to take appropriate prophylactic measures

8. CONTENTS

8.1 Course (content units)	Nr. hours
C.1.Introduction to current infectious diseases (ID) Permanence of ID, epidemiological transitions, emerging and re-emerging ID. Etiopathogenesis of ID, host - microorganism relationship, localized and systemic inflammatory syndrome, management of fever (acute, prolonged, FUO). ID laboratory diagnosis. Principles of diagnosis in ID.	3
C.2.Treatment of an ID (with emphasis on the use of antimicrobials)	3

C.3.Eruptive diseases Scarlet fever , measles , rubella , chickenpox, infectious erythema , roseola infantum , herpes zoster, erysipelas	3
C.4.Respiratory infections Diphtheria, flu, common cold, respiratory viroses, whooping cough	3
C.5.Respiratory infections SARS, COVID-19	3
C.6.Digestive infections Acute infectious diarrhea, dysentery, typhoid fever, cholera, food poisoning, mumps	3
C.7.Digestive infections Acute viral hepatitis	3
C.8.Nervous system infections Meningitis, encephalitis, poliomyelitis, botulism	3
C9.Bacteriemia, sepsis and septicemia. Mononucleosis syndromes (Infectious mononucleosis, CMV infection, toxoplasmosis)	3
C10.Infections in compromised host (except HIV infection). Infections due to foreign bodies, animal bites and scratches (Tetanus, rabies, cat scratch disease)	3
C.11.HIV infection	3
C.12.Zoonosis Trichinosis, leptospirosis, toxoplasmosis, brucellosis, borreliosis	3
C.13.Health care associated infections	3
C.14.General practitioner (GP) attitudes toward immigrants and foreign travellers. Emerging and re-emerging infectious diseases due to bioterrorism (The concept of bioterrorism, the role of the family physician in preventing and combating bioterrorism, smallpox, brucellosis, anthrax, botulism - as biological weapons)	3
BIBLIOGRAPHY <ol style="list-style-type: none"> 1. Lucian Giubelan, Florentina Dumitrescu, Livia Dragonu, Andreea Cristina Stoian, Boli infecțioase, Ed.Medicală Universitară, Craiova, 2020 2. Cupșa, A., Boli infecțioase transmisibile/ curs universitar cu sugestii pentru activitățile practice, Ed. Medicală Universitară, Craiova, 2007 (revăzută 2008) 3. Emanoil Ceaușu,Tratat de boli infecțioase, Editura Medicală, Vol.I (2018), Vol.II(2020) 4. Adrian Streinu Cerceș, Victoria Aramă, Petre Iacob Calistru, Boli Infecțioase. Curs pentru studenți și medici rezidenți, Vol.1, Ed.Universitară”Carol Davila”, București, 2019 5. Mandell, Douglas, and Bennett's, Principles and Practice of Infectious Diseases, Set IXth ed. 2019 6. Cohen J., Powderly WG., Opal SM. (edit.), Infectious Diseases, 4th ed., 2017, Elsevier Inc, China 7. Torok E., Moran E., Cooke F., Oxford handbook of infectious diseases and microbiology, 2nd ed., 2017, Oxford University Press, UK. 8. Southwick F., Infectious diseases a clinical short course, 3rd ed., 2014, McGraw Hill, NY. 9. Root R. K. (edit), Clinical Infectious diseases – A practical approach, Oxford University Press, NY, 1999 (Bibl. UMFCv) 	
8.2 Workshop /practical work (toics/themes)	
Epidemiological and clinical history of a patient with ID; clinical examination; diagnosis; management of the patient with ID	6
Fever – clinical cases	6
Eruptive diseases – clinical cases	6
Meningeal and encephalitic syndromes – clinical cases	6
Sepsis, septicemia – clinical cases	6
Diarrheal syndrome – clinical cases	6
Acute viral hepatitis – clinical cases	6
HIV infection – clinical cases	6
SARS-CoV-2 infection- clinical cases	6
Use of antimicrobials – clinical problems	8

Case presentation of a patient with a given ID	8
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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

The knowledge, skills and abilities acquired by students after completing courses and workshop are fundamental for future doctors

10. METHODOLOGICAL LANDMARKS

Forms of activities	Techniques of teaching/learning, materials, resources: lecture, interactive group work, learning based problems/project audio-video recording ,etc
Courses	Academic lectures , heuristic conversation , debates
Workshop	Practical applications, problem solving, heuristic conversation, e-learning, bedside learning, problem based learning
Individual study	E-learning, bedside-learning, problem solving

In case of special situations (alert states, emergency states, other types of situations that limit the physical presence of people), the activity can be performed online, using computer platforms approved by the faculty/university. The online education process will be adapted accordingly to ensure the fulfillment of all the objectives in the discipline sheet.

11. RECOVERY PROGRAM

	No.absences that can recover	Place	Period	Responsible	Topics scheduling
Absences recoveries	3	Spitalul 3 „V. Babeș” Craiova/online	On Saturdays or Sundays or during the watching hours	Teaching assistant	According the internal schedule
Schedule consultations –students scientific program	2 hours/week	Spitalul 3 „V. Babeș” Craiova/online	Weekly	All teaching assistants	The theme of the week.
Program for students poorly trained	2 hours/week	Spitalul 3 „V. Babeș” Craiova/online	Weekly	All teaching assistants	According to the situation of each student Theme from that specific week

12. ASSESMENT

Activity	Type of assesment	Methods of evaluation	Percentage from final grade
Lecture	Formative assessment through	Objective Structured Clinical	70%

	essay, projects and surveys during the semester Summative assessment during the exam	Examination (OSCE) / Multiple Choice Questions Answering System (MCQ) with the help of the IT platform in the online version	
Practical work	Formative assessment through Multiple Choice Questions Answering System (MCQ) or/and descriptive, projects, survey during the semester. Summative assessment during the exam	OSCE/ MCQ including in the course exam, with the help of the IT platform in the online version	20%
Periodic assesment			5%
Assesment of individual activity			5%
Minimum performance standard			At least 50% for each component of the evaluation
13. GUIDACE AND COUNSEILING PROGRAMS			
Orientation program and counseiling (2 hours/month)			
Scheduling the hours	Location	In charge	
Every last Friday of the month	Spitalul 3 „V. Babeş” Craiova/online	Lecture holders	

Date: 27.09.2022

Department director,

Study program coordinator,

Discipline holder,

Assoc. Professor Constantin Kamal Professor Marius Eugen Ciurea Lecturer Florentina Dumitrescu