

<b>Code and Name of the Internship</b>	<b>TIP527- Infectious Diseases and Clinical Microbiology</b>
<b>Year of Internship</b>	Year 5
<b>Duration of the Internship</b>	2 Weeks
<b>ECTS of the internship</b>	3
<b>Language of the Internship</b>	Turkish
<b>Type of Internship</b>	Imperative
<b>Learning and Teaching Techniques of the Internship</b>	1. Theoretical Lecture 2. Practice/ Exercise 3. Assignments/ Research 4. Q&A 5. Argument 6. Observation
<b>Measurement Techniques of the Internship</b>	1. Written Exam 2. Practice Exam
<b>Internship Supervisor(s)</b>	Prof. Dr. Celal Ayaz- Assist. Asst. Prof. Mustafa Tanrıverdi
<b>Purpose of the Internship</b>	To recognize infectious disease emergencies, to diagnose common cases, to make differential diagnosis and to apply the necessary treatment; to gain the necessary knowledge, attitudes and skills to comprehend the infectious diseases that may be encountered in the society and in the hospital, protection methods, and to inform the patients and their relatives.
<b>Learning Outcome of the Internship</b>	1. Explains the importance of infectious diseases in terms of public health, lists the risk factors of the individual and society in terms of infectious diseases. 2. Defines the epidemiology of common and life-threatening infectious diseases, explains the principles of diagnosis, treatment, prevention and referral. 3. Explain the causative agents of infectious diseases, their transmission routes and the mechanisms of affecting the host organism with cause-effect relationships. 4. Explains the general and system-specific signs and symptoms of infectious diseases, takes a detailed general and problem-specific anamnesis from the patient and/or their relatives using communication skills, performs a complete physical examination, and creates preliminary diagnoses. 5. Selects the tests used in the diagnosis of infectious diseases in primary care, evaluates the results; Makes a preliminary diagnosis/diagnosis using clinical reasoning skills together with anamnesis and physical examination data. 6. In primary care, it manages the infection patient according to the principles of evidence-based medicine and patient-centered care, without any discrimination, adopting a holistic approach and paying attention to patient privacy. 7. It issues prescriptions in accordance with the principles of rational use of antibiotics in treatment and legislation.
<b>Content of the Internship</b>	1. Aims and Objectives of Infectious Diseases and Clinical Microbiology Internship 2. Infectious Emergencies Diagnosis, Differential Diagnosis and Treatment Approaches 3. Acute Respiratory Tract Infections, Differential Diagnosis of Influenza Diseases 4. Diagnosis, Differential Diagnosis and Treatment of CNS Infections 5. Infectious Diarrhea 6. Bone and Joint Infections 7. HIV Infection 8. Community-Acquired and Healthcare-Associated Infections 9. Extrapulmonary Tuberculosis 10. Mononucleosis Syndrome (EBV, CMV) 11. Zoonotic Infections (Leptospirosis, Brucellosis) 12. Diabetic Foot Infection 13. Urinary Tract Infections 14. Skin and Soft Tissue Infections 15. Rational Use of Antibiotics in the Clinic 16. Sepsis Syndrome 17. Acute Viral Hepatitis 18. Chronic Viral Hepatitis
<b>Resources</b>	1. Infectious Diseases and Microbiology, Editor: Prof. Dr. Ayşe Willke Topçu 2. Current Medical Diagnosis and Treatment, Editor: Prof. Dr. Ekrem Müftüoğlu
<b>Internship Courses (Weeks)</b>	<b>Internship Topics</b>
1st Week	Aims and Objectives of Infectious Diseases and Clinical Microbiology Internship, Infectious Emergencies Diagnosis, Differential Diagnosis and Treatment Approaches, Acute Respiratory Tract Infections, Differential Diagnosis in Influenza Diseases, Diagnosis, Differential Diagnosis and Treatment of CNS Infections, Infectious Diarrhea, Bone and Joint Infections, HIV Infection, Community Origin and Health Care Associated Infections, Extrapulmonary Tuberculosis, Mononucleosis Syndrome (EBV, CMV)
2nd Week	Zoonotic Infections (Leptospirosis, Brucellosis), Diabetic Foot Infection, Urinary System Infections, Skin and Soft Tissue Infections, Rational Use of Antibiotics in the Clinic, Sepsis Syndrome, Acute Viral Hepatitis, Chronic Viral Hepatitis, Exam

Number of Questions in the Internship		
Exam Type	Theoretical	Application
Final (Oral)	25	5
Make-up (Oral)	25	5

Evaluation System		
Semester Studies	Number	Total Contribution (%)
Written Exam	1	70
Oral Exam	1	20
Internship Performance	1	5
Sample Application	1	5
	<b>Sum</b>	<b>100</b>
Contribution of Semester Studies to Success Grade	0	100
Contribution of Final Studies to Success Grade	0	0
	<b>Sum</b>	<b>100</b>

**Explanation:** When calculating the contribution rates of the evaluation system, the relevant regulations of SANKO University are valid.

Student Workload Table			
Events	Number	Duration (class hours)	Sum
Course Duration (Including Exam Week)	2	11	22
Laboratory	2	4	8
Application	2	12	24
Course-Specific Internship (If Available)	0	0	0
Fieldwork	0	0	0
Out-of-Class Study Time (Freelancing/ Group Study/ Pre-Study/ Reinforcement)	2	11	22
Presentation/Seminar Preparation	0	0	0
Project	0	0	0
Assignments	0	0	0
Board Exam	1	1	1
Final Exams	1	1	1
<b>Total Workload</b>	<b>10</b>	<b>40</b>	<b>78</b>

<b>Associating the learning outcomes of the courses with the program competencies</b>					
<b>Program Qualifications</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
1. The basic structure, development and normal functioning of the human body molecules, cells, tissues, It explains at the organ and system level.	X				
2. Questioning the abnormal structuring and functioning of the human body, qualified scientific Explains with research-based information, evaluates the causes of diseases, taking into account the interaction with the individual and his environment.				X	
3. Clinical decision-making and management processes of diseases and applications of evidence-based medicine evaluates under the guidance of.				X	
4. Define the concepts of health and disease in individual and social contexts, health seeking and health protection behaviors, national health service delivery and administrative processes Describes.	X				
5. Know the research processes that form the basis of medical knowledge, follow the developments in this field Has a level of foreign language knowledge.	X				
6. Takes medical history from the applicant/patient and their relatives.					X
7. Performs physical examination of individuals, evaluates diagnostic tests, diagnosis and treatment It manages its processes by using appropriate process steps.					X
8. Applies medical interventions for diagnosis, treatment or prevention of individuals.	X				
9. Medical and administrative data on health and disease obtained from individuals and society organizes and keeps records of context.		X			
10. For the protection and development of health in individual and social dimensions Plans and implements applications.	X				
11. Plans and implements a scientific research and evaluates its results.	X				
12. Scientific and technological developments for professional and social changes It shows lifelong learning behavior by making use of it.	X				
13. Physician within the framework of professional values, ethical principles and legal regulations, regardless of language, religion, race, gender, social and cultural discrimination in the individual and society he serves. fulfills its responsibilities as.	X				
14. Protection and development of health in individual and social dimensions, diseases Performs teamwork with colleagues and other healthcare professionals in the management processes.			X		
15. Protection and development of the health of the individual and society and the society of health care It strives to be realized for the benefit of the individuals who make it up.				X	
<b>Description: Level of qualification:</b>					
1. Miscarriage					
2. Low/medium					
3. Middle					
4. High					
5. That's great					