

## ECTS COURSE INTRODUCTION FORM

### SECTION I (Senate Approval)

<b>Faculty / School Opening the Course</b>	Antalya Bilim University - Faculty of Health Sciences			<b>Section Opening the Course</b>	Midwifery Department		
<b>Program / s Taking the Course</b>	Midwifery Department	<input checked="" type="checkbox"/>			<input type="checkbox"/>		
		<input type="checkbox"/>			<input type="checkbox"/>		
		<input type="checkbox"/>			<input type="checkbox"/>		
<b>Course name</b>	Microbiology and Parasitology-1			<b>Lesson code</b>	EBE 109		
<b>Course Level</b>	License			<b>Course Type</b>	Theoretical		
<b>Language of Instruction</b>	Turkish			<b>ECTS Credits</b>	3		
<b>Weekly Course Hours</b>	Lesson:	2	Application:		Studio:		
	Lab:	1	Presentation-Lecture:		Other:		
<b>Prerequisite / s</b>	No			<b>Side conditions</b>	No		
<b>Registration Restriction</b>	No			<b>Grading Type</b>	Letter grade		
<b>The aim of lesson</b>	With this course, the student; It is aimed to learn the normal functioning mechanisms of cells, tissues, organs and systems in the human body and their control methods.						
<b>Course content</b>							
<b>Learning Outcomes</b>	L01	Explain the main mechanisms involved in body defense.					
	L02	Explain the basic issues in immunological treatment and vaccination.					
	L03	Defines the subjects of microbiology, developments in microbiology, sub-branches of microbiology and how microorganisms are classified.					
	L04	Explain the main microorganisms that cause infections.					
	L05	Explains the necessary environments and media for the differentiation of bacteria, viruses, fungi and parasites from each other and the reproduction and reproduction of microorganisms.					
	L06	Explain the basics of microbiological sampling, storage, transportation, sterilization and disinfection.					

### II. DEPARTMENT (Faculty Board Approval)

	No	Program Outcomes	ÖÇ1	ÖÇ2	ÖÇ3	ÖÇ4	ÖÇ5	ÖÇ6
<b>Basic Outcomes</b>	PO1	Ability to communicate effectively with oral, written and visual methods, report writing and presentation.	✓					✓
	PO2	Ability to work effectively both individually and in disciplinary and multi-disciplinary teams.		✓		✓	✓	
	PO3	Awareness of the necessity of lifelong learning and the ability to access information.					✓	✓
	PO4	Information about project management, risk management, innovation and change management, entrepreneurship, and sustainable development.						✓
	PO5	Awareness about sectors and ability to prepare business plans.				✓		
	PO6	Awareness of professional and ethical responsibility and acting in accordance with ethical principles.	✓	✓	✓	✓	✓	✓
<b>Faculty / School Outcomes</b>	PO7	To have universal thoughts and values	✓	✓	✓	✓	✓	✓
	PO8	To be committed to academic and ethical values,	✓	✓	✓	✓		✓
	PO9	To provide qualified education, research and consultancy services at universal information and technology standards			✓	✓	✓	✓
	PO10	To be open to new goals, strategies and action plans that will take undergraduate and graduate education / training programs and scientific studies further				✓		✓
	PO11	To support, maintain and increase interdisciplinary / multidisciplinary studies in the services provided.				✓		✓
	PO12	To contribute and develop health policies for the benefit of the country.	✓	✓	✓	✓	✓	
<b>Program Special Outputs</b>	PO10	Using theoretical, evidence-based and applied knowledge in the field of midwifery, i	✓	✓	✓	✓	✓	✓
	PO11	Within the scope of basic health services, it carries out immunization and 0-6 age child care and follow-up, infectious disease control programs.	✓	✓	✓	✓	✓	✓
	PO12	Provides necessary midwifery care to women, family and society, evaluates and records the effect of the care given.			✓		✓	✓
	PO13	It determines the health education needs of women, family and society on issues related to health. In this direction, it provides training and consultancy.					✓	✓
	PO14	Communicates by expressing her opinions, having the ability to work individually and make independent decisions.		✓	✓	✓	✓	✓
	PO15	Respects human rights and dignity by acting in accordance with the relevant legislation, professional values and ethical principles in midwifery education, practice, research and management	✓	✓	✓	✓	✓	✓
	PO16	It works in cooperation with disciplinary and interdisciplinary team members.			✓		✓	✓
	PO17	It fulfills the responsibility of producing scientific knowledge specific to midwifery by participating in all kinds of research, projects and activities that will contribute to individual and professional development.			✓		✓	✓
	PO18	Knowing the necessity of lifelong education in his personal and professional develop		✓	✓	✓	✓	✓
PO19	Uses at least one foreign language at a level to reach scientific information and communicate effectively.					✓		

III. DEPARTMENT (Department Board Approval)									
Taught Subjects, Contribution of Subjects to Learning Outcomes, and Learning Assessment Methods	No	Week	Subject Description	LO1	LO2	LO3	LO4	LO5	LO6
	S1	1	Microbiology+D5:D14 introduction and brief history Classification of Microorganisms"	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4
	S2	2	Cell structure, metabolism, genetics of bacteria Bacteria reproduction and production	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4
	S3	3	Structural features, classification, reproduction and production of viruses	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4
	S4	4	Gram-positive and gram-negative bacteria that cause disease	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4
	S5	5	Mycoplasmas, Mycobacteria, Spirochetes, Anaerobic Bacteria	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4
	S6	6	Antibacterial agents, mechanisms of action and mechanisms of antimicrobial resistance	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4
	S7	7	Midterm	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4
	S8	8	Introduction to medicinal mycology, structural features and classification of fungi	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4
	S9	9	Introduction to medical parasitology, structural features and classification of protozoa and helminths	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4
	S10	10	Microbiological sampling, storage and transport Disinfection and sterilization	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4
	S11	11	Introduction to immunology, cells of the innate immune system, functions of the innate immune system and lymphoid tissues	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4
	S12	12	Cells of the adaptive immune system and functions of the adaptive immune system	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4
	S13	13	Antigen and its properties Immunological treatment and vaccination Hypersensitivity reactions	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4
	S14	14	Final examination	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4	A1/A4
Learning Assessment Methods, Impact Weights on Course Notes, Application and Make-up Rules	No	Type	Weighty	Application Rule	Compensation Rule				
	A1	Exam	60%		Students who cannot take the final exam due to an excuse and whose excuses are accepted by the Board of the Unit, take the make-up exam on the date determined by the Unit.				
	A2	Quiz (Quiz)							
	A3	Homework							
	A4	Midterm	40%		Students who cannot take the exam due to their excuse and whose excuses are accepted by the Board of the Unit, take the make-up exam on the date determined by the Unit.				
	A5	Project							
	A6	Presentation							
	A7	Participation / Interaction							
	A8	Class / Lab. / Field Work							
	A9	Other							
TOTAL			100%						
Proof of Achievement of Learning Outcomes	Each lesson topic is tested with at least one exam question. The weighted grade point average of each student is calculated with the weight given to each teaching assessment method. To pass the course, a student has to collect a target percentage out of 100 points set by the lecturer teaching the course, and the class average is taken into account when finding this target percentage.								
Letter Grade Determination Method	Direct Conversion System (DDS)			<input checked="" type="checkbox"/>	Relative Evaluation System (BDS)				<input type="checkbox"/>
	Another method to be determined by the Faculty Member / Staff (This method is explained below)								<input type="checkbox"/>
Teaching Methods, Estimated Student Load	No	Type	Explanation	Total Hours					
	The period planned to be reserved by the instructor								
	1	Class Course	14 weeks x 2 lessons x 1 hour	28 hour					
	2	Interactive Lesson							
	3	Problem solution							
	4	Lab							
	5	Application							
	6	Field Work							
	The period planned to be reserved by the student								
	7	Project							
	8	Homework							
	9	Pre-Class Preparation	New topics are learned before being taught in the classroom. 14 weeks x 1 hour pre-class preparation	14 hour					
	10	Course Repetition	Subjects are repeated to prepare for ex	28 hour					
11	Studio								
12	Office Hours	1 hour is reserved for students' questions per week.	14 hour						
Calculated ECTS Credit			Most	3	Least	3	the overall total		98 hour

**IV. EPISODE**

<b>Teaching staff</b>	<b>Name-surname</b>	Prof.Dr.Yeřim EKİN
	<b>E-mail</b>	<a href="mailto:yesim.ekin@antalya.edu.tr">yesim.ekin@antalya.edu.tr</a>
	<b>Phone number</b>	
	<b>Office Number</b>	
	<b>Office Hours</b>	
<b>Course Materials</b>	<b>Compulsory</b>	
	<b>Suggested</b>	Saęlık Bilimlerinde Mikrobiyoloji, Editör Do. Dr. zgöl Kısa Do. Dr. Mustafa ALTINDIŐ (2010). Hemőireler iin Mikrobiyoloji, Nobel Tıp Kitabevi
<b>Other</b>	<b>Academic Honesty</b>	Violations of academic integrity are not limited to cheating, but also include unauthorized citing, fabricating or citing information, assisting others 'fraudulent acts, submission of a previously used work or another student's work without the instructor's knowledge, or interfering with other students' academic work. also includes. Any academic credentials are serious academic violations and result in disciplinary action. It is explained in Article 25 of the Directive on Associate and Undergraduate Programs of Antalya Bilim University.
	<b>Disabled Students</b>	Reasonable arrangements will be made for students whose disability has been confirmed.
	<b>Security Issues</b>	The course does not require any special security measures.
	<b>Flexibility</b>	During the course, situations may arise that prevent them from fulfilling each component of the curriculum and therefore the curriculum may change. Students will be notified before any changes are made.

Form No: Y-FR-1048 Yayın Tarihi 01.04.2021 Deę. No 0 Deę. Tarihi-