

ECTS COURSE INTRODUCTION FORM

SECTION I (Senate Approval)

Faculty / School Opening the Course	Antalya Bilim University - Faculty of Health Sciences		Section Opening the Course	Nursing Department	
Program / s Taking the Course	Nursing Department	<input checked="" type="checkbox"/>			<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>
		<input type="checkbox"/>			<input type="checkbox"/>
Course name	Microbiology and Parasitology		Lesson code	HEM123	
Course Level	License		Course Type	Theoretical	
Language of Instruction	Turkish		ECTS Credits	3	
Weekly Course Hours	Lesson:	2	Application:		Studio:
	Lab:	1	Presentation-Lecture:		Other:
Prerequisite / s	No		Side conditions	No	
Registration Restriction	No		Grading Type	Letter grade	
The aim of lesson	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.				
Course content					
Learning Outcomes	L01	Can explain the main mechanisms involved in body defense.			
	L02	Can explain the basic issues in immunological treatment and vaccination.			
	L03	Can define the subjects of microbiology, developments in microbiology, sub-branches of microbiology and how microorganisms are classified.			
	L04	Can explain the main microorganisms that cause infections.			
	L05	Can explain 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	Can explain the basics of microbiological sampling, storage, transportation, sterilization and disinfection.			

II. DEPARTMENT (Faculty Board Approval)

		Program Outcomes	ÖÇ1	ÖÇ2	ÖÇ3	ÖÇ4	ÖÇ5	ÖÇ6	
Basic Outcomes	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.	✓	✓	✓	✓	✓	✓	
Faculty / School Outcomes	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.	✓	✓	✓	✓	✓		
Program Special Outputs	PO10	Using theoretical, evidence-based and applied knowledge in the field of nursing, with	✓	✓	✓	✓	✓	✓	
	PO11	It determines the health education needs of the individual, family and society, and provides training and consultancy in this direction.	✓	✓	✓	✓	✓	✓	
	PO12	Uses problem solving, decision making, critical thinking and leadership skills in the field of nursing.			✓			✓	✓
	PO13	Communicates by expressing her opinions, having the ability to work individually and make independent decisions.						✓	✓
	PO14	Respects human rights and dignity by acting in accordance with the relevant legislation, professional values and ethical principles in nursing education, practice, research and management		✓	✓	✓	✓	✓	✓
	PO15	It works in cooperation with disciplinary and interdisciplinary team members.	✓	✓	✓	✓	✓	✓	✓
	PO16	Uses information and care technologies in nursing education, practice, research and management.			✓			✓	✓
	PO17	In line with the lifelong learning approach, he / she reaches scientific and current information specific to the field of nursing, evaluates the accuracy, validity and reliability of the information.			✓			✓	✓
	PO18	It fulfills the responsibility of producing scientific knowledge specific to nursing by		✓	✓	✓	✓	✓	✓
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 exam	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

Teaching staff	Name-surname	
	E-mail	
	Phone number	
	Office Number	
	Office Hours	
Course Materials	Compulsory	
	Suggested	Sağlık Bilimlerinde Mikrobiyoloji, Editör Doç. Dr. Özgül Kısa Doç. Dr. Mustafa ALTINDIŞ (2010). Hemşireler için Mikrobiyoloji, Nobel Tıp Kitabevi
Other	Academic Honesty	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.
	Disabled Students	Reasonable arrangements will be made for students whose disability has been confirmed.
	Security Issues	The course does not require any special security measures.
	Flexibility	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.