

Molecular Biology and Genetics (English)			
Bachelor	TR-NQF-HE: Level 6	QF-EHEA: First Cycle	EQF-LLL: Level 6

## Course Introduction and Application Information

Course Code:	DIL628		
Course Name:	Spanish 8		
Semester:	Fall		
Course Credits:	<div>ECTS</div> <div>5</div>		
Language of instruction:	English		
Course Condition:	DIL627 - Spanish 7		
Does the Course Require Work Experience?:	No		
Type of course:	University Elective		
Course Level:	<div>Bachelor</div> <div>TR-NQF-HE:6. Master`s Degree</div> <div>QF-EHEA:First Cycle</div> <div>EQF-LLL:6. Master`s Degree</div>		
Mode of Delivery:			
Course Coordinator:	Öğr. Gör. MERVE KESKİN		
Course Lecturer(s):			
Course Assistants:			

## Course Objective and Content

Course Objectives:	
Course Content:	

## Learning Outcomes

The students who have succeeded in this course;

## Course Flow Plan

Week	Subject	Related Preparation
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## Sources

Course Notes / Textbooks:	
References:	

## Course - Program Learning Outcome Relationship

Course Learning Outcomes
Program Outcomes
1) Has a theoretical and practical background in biology, chemistry, physics and mathematics, which constitute the basic knowledge in the field of molecular biology and genetics.
2) Can explain biological phenomena and events at molecular level and relate them to other basic sciences and engineering applications.
3) Has the basic laboratory knowledge and skills required by the field.
4) Works in accordance with scientific principles and ethical rules.
5) Uses procedural and mathematical software programs required for the analysis and basic evaluation of biological data at least at the European Computer License Basic Level.
6) Has the knowledge, culture and skills to follow the literature and current methods related to his field.
7) Will be able to identify the main problem in line with the needs in health, agriculture, animal husbandry, environment, industry and similar issues and offer the necessary solutions by using up-to-date technology.
8) Has the knowledge and ability to evaluate biological phenomena and events at the level of systems from an evolutionary point of view.
9) Has the ability to be involved in individual and group work, to prepare and carry out projects on specific topics, and to make written and oral presentations.
10) Uses at least one foreign language in reading, writing and speaking at B1 General Level in terms of European Language Portfolio criteria.
11) Has the ability to identify social and global problems using his / her field knowledge and to be a part of the solution in interdisciplinary cooperation.
12) Respects social, cultural and individual differences, universal values and human rights in his / her scientific

## Course - Learning Outcome Relationship

No Effect	1 Lowest	2 Average	3 Highest

	Program Outcomes	Level of Contribution
1)	Has a theoretical and practical background in biology, chemistry, physics and mathematics, which constitute the basic knowledge in the field of molecular biology and genetics.	
2)	Can explain biological phenomena and events at molecular level and relate them to other basic sciences and engineering applications.	
3)	Has the basic laboratory knowledge and skills required by the field.	
4)	Works in accordance with scientific principles and ethical rules.	
5)	Uses procedural and mathematical software programs required for the analysis and basic evaluation of biological data at least at the European Computer License Basic Level.	
6)	Has the knowledge, culture and skills to follow the literature and current methods related to his field.	
7)	Will be able to identify the main problem in line with the needs in health, agriculture, animal husbandry, environment, industry and similar issues and offer the necessary solutions by using up-to-date technology.	
8)	Has the knowledge and ability to evaluate biological phenomena and events at the level of systems from an evolutionary point of view.	
9)	Has the ability to be involved in individual and group work, to prepare and carry out projects on specific topics, and to make written and oral presentations.	
10)	Uses at least one foreign language in reading, writing and speaking at B1 General Level in terms of European Language Portfolio criteria.	
11)	Has the ability to identify social and global problems using his / her field knowledge and to be a part of the solution in interdisciplinary cooperation.	
12)	Respects social, cultural and individual differences, universal values and human rights in his / her scientific and professional activities.	

Assessment & Grading

Semester Requirements	Number of Activities	Level of Contribution
total		%
PERCENTAGE OF SEMESTER WORK		% 0
PERCENTAGE OF FINAL WORK		%
total		%

Workload and ECTS Credit Calculation

Activities	Number of Activities	Workload
Course Hours	13	52
Study Hours Out of Class	16	32
Project	1	25
Homework Assignments	16	16
Total Workload		125