AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Human Genetics						
Course Code	TIB530		Couse Level		Second Cycle (Master's Degree)		
ECTS Credit	4	Workload	99 *(Hours)*	Theory	2	Practice	0	Laboratory	0
Objectives of the Course							
Course Content							
Work Placement	N/A						
Planned Learning Activities and Teaching Methods			Explanation (Presentation)				
Name of Lecturer(s)	Prof. Abdullah YALÇIN						

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading

1	1. NCBI Pubmed ve güncel bilimsel yayınlar
2	2. Human Genetics. Ricki Lewis (2014)

Week	Weekly Detailed Course Contents	
1	Theoretical	The structure and organization of human chromosomes
2	Theoretical	Chromosomal anomalies
3	Theoretical	Genetic Diseases
4	Theoretical	Posttranslational modification anomalies
5	Theoretical	Autosomal chromosome anomalies
6	Theoretical	Sex chromosome anomalies
7	Theoretical	Human genome
8	Intermediate Exam	Midterm exam
9	Theoretical	Genetic variations
10	Theoretical	The treatment of genetic diseases
11	Theoretical	Multifactorial Inheritance
12	Theoretical	Molecular Diagnosis
13	Theoretical	Genetic Risk Assesment
14	Theoretical	Farmacogenetics
15	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	13	5	2	91
Midterm Examination	1	2	2	4
Final Examination	1	2	2	4
			Total Workload (Hours)	99
			[Total Workload (Hours) / 25*] = **ECTS**	4

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	
2	
3	
4	

5	

Programme Outcomes *(Medical Biology Master)*

1	To acquire fundamental knowledge on medical biology field
2	To gain expertise on molecular biology techniques
3	To utilize molecular biology techniques
4	To be able to construct and conduct a research project
5	To be able to follow and interpret scientific advancements

Contribution of Learning Outcomes to Programme Outcomes *1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High*

	L1	L2	L3	L4	L5
P1	5	5	5	2	3
P2	1	1	1	1	1
P3	1	1	1	1	1
P4	1	1	1	1	2
P5	3	3	3	5	3