

**International School of Medicine / Medicine (English)**

**2023 - 2024 Academic Year**

**MEDICAL GENETICS**

**Syllabus**

<b>Course Description</b>					
<b>Name</b>	<b>Code</b>	<b>Semester</b>	<b>T+A Hour</b>	<b>Credit</b>	<b>ECTS</b>
MEDICAL GENETICS	ISM1014672	Yearly	12+0	0	1
<b>Prerequisites Courses</b>					
<b>Recommended Elective Courses</b>					
<b>Language of Instruction</b>	English				
<b>Course Level</b>	First Cycle (Bachelor's Degree)				
<b>Course Type</b>	Committee Course				
<b>Course Coordinator</b>	Assoc.Prof. Muhsin ELMAS				
<b>Name of Lecturer(s)</b>	Assoc.Prof. Muhsin ELMAS				
<b>Assistant(s)</b>					
<b>Aim</b>					
<b>Course Content</b>	This course contains; Mendelian/non-mendelian/population genetics, Inheritance patterns of autosomal genetic disorders, Sex chromosome-related genetic disorders, Gozonomal and autosomal chromosomal abnormalities, Mapping of disease genes and genetic analysis, Prenatal test and genetic counseling.				
<b>Course Learning Outcomes</b>			<b>Teaching Methods</b>	<b>Assessment Methods</b>	
<b>Teaching Methods</b>					
<b>Assessment Methods</b>					
<b>Lecture Schedule</b>					
<b>Sequence</b>	<b>Topics</b>	<b>Preliminary Preparation</b>			
1	Mendelian/non-mendelian/population genetics				
2	Inheritance patterns of autosomal genetic disorders				
3	Sex chromosome-related genetic disorders				
4	Gozonomal and autosomal chromosomal abnormalities				
5	Mapping of disease genes and genetic analysis				
6	Prenatal test and genetic counseling				
<b>Evaluation Methods</b>		<b>Weight(%)</b>			
Midterm Exam		40			
General Exam		60			
<b>Resources</b>					