

Medicine			
Bachelor	TR-NQF-HE: Level 7	QF-EHEA: Second Cycle	EQF-LLL: Level 7

## Course Introduction and Application Information

Course Code:	TIP513						
Course Name:	Ophthalmology						
Semester:	Spring						
Course Credits:	<div>ECTS</div> <div>3</div>						
Language of instruction:	Turkish						
Course Condition:							
Does the Course Require Work Experience?:	No						
Type of course:	Compulsory Courses						
Course Level:	<table> <tr> <td>Bachelor</td><td>TR-NQF-HE:7. Master`s Degree</td><td>QF-EHEA:Second Cycle</td><td>EQF-LLL:7. Master`s Degree</td></tr> </table>			Bachelor	TR-NQF-HE:7. Master`s Degree	QF-EHEA:Second Cycle	EQF-LLL:7. Master`s Degree
Bachelor	TR-NQF-HE:7. Master`s Degree	QF-EHEA:Second Cycle	EQF-LLL:7. Master`s Degree				
Mode of Delivery:	Face to face						
Course Coordinator:	Prof. Dr. HİKMET KOÇAK						
Course Lecturer(s):	Prof. Dr. Vedat Kaya Dr. Öğr. Üyesi N. Selçuk Çekmeceli						
Course Assistants:							

## Course Objective and Content

Course Objectives:	To have sufficient knowledge about basic eye pathology in the field of Ophthalmology and to know diagnostic aid ophthalmic equipment.
Course Content:	It covers the principles of disease table, symptoms and signs, examination, and differential diagnosis of eye diseases in a way that covers the learning objectives specified in the Core

Education Program in the field of Ophthalmology. It is shown the ophthalmic equipments, their clinical uses and outcomes in eye pathology.

## Learning Outcomes

The students who have succeeded in this course;

- 1) To have basic knowledge about eye diseases
- 2) Be able to perform the necessary intervention in emergency eye pathologies
- 3) To learn contribution of ophthalmic equipment to diagnosis.

## Course Flow Plan

Week	Subject	Related Preparation
1)	Theoretical Lectures: Internship presentation Cornea and corneal disease Retina and retinal diseases Glaucoma Optic nerve and neuro ophthalmology Refraction disorder Practical Training: Introduction and use of ophthalmic equipment History taking and clinical examination	There is no preparation-course material.
2)	Theoretical Lectures: Inflammation of the inside eye Ocular Motility disorder Oculoplastics Case discussion Exam Practical Training: Introduction and use of ophthalmic equipment History taking and clinical examination	There is no preparation-course material.

## Sources

Course Notes / Textbooks:	Dersin kaynak kitabı bulunmamaktadır. The course does not have a mandatory resource.
References:	<p>Dersin konuları ile ilgili güncel makaleler ve ders slaytları./Articles mentioned in the course related with topics and lecture slides.</p> <p>Temel Kaynaklar/Basic Sources:</p> <ol style="list-style-type: none"> <li>1. Kanski Klinik Oftalmoloji Güneş Kitabevi</li> <li>2. Duane's Clinical Ophthalmology (<a href="http://www.oculist.net/downat0502/prof/ebook/duanes/pages/contents.html">http://www.oculist.net/downat0502/prof/ebook/duanes/pages/contents.html</a>)</li> <li>3. AAO Basic and Clinical Science Course</li> </ol>

## Course - Program Learning Outcome Relationship

Course Learning Outcomes	1	2	3
Program Outcomes			

Course Learning Outcomes	1	2	3
1) When Istinye University Faculty of Medicine student is graduated who knows the historical development of medicine, medical practices, and the medical profession and their importance for society.			
2) knows the normal structure and function of the human body at the level of molecules, cells, tissues, organs and systems.			
3) is capable of systematically taking an accurate and effective social and medical history from their patients and make a comprehensive physical examination.			
4) knows the laboratory procedures related to diseases; In primary care, the necessary material (blood, urine, etc.) can be obtained from the patient with appropriate methods and can perform the necessary laboratory procedures for diagnosis and follow-up or request laboratory tests.			
5) can distinguish pathological changes in structure and functions during diseases from physiological changes and can interpret the patient's history, physical examination, laboratory and imaging findings, and arrive at a pre-diagnosis and diagnosis of the patient's problem.			
6) knows, plans and applies primary care and emergency medical treatment practices, rehabilitation stages.			
7) can keep patient records accurately and efficiently, know the importance of confidentiality of patient information and records, and protects this privacy.			
8) knows the clinical decision-making process, evidence-based medicine practices and current approaches.			
9) knows and applies the basic principles of preventive health measures and the protection of individuals from diseases and improving health, and recognizes the individual and/or society at risk, undertakes the responsibility of the physician in public health problems such as epidemics and pandemics.			
10) knows the biopsychosocial approach, evaluates the causes of diseases by considering the individual and his / her environment.			
11) is capable of having effective oral and/or written communication with patients and their relatives, society and colleagues.			
12) knows the techniques, methods and rules of researching. It contributes to the creation, sharing, implementation and development of new professional knowledge and practices by using science and scientific method within the framework of ethical rules.			
13) can collect health data, analyze them, present them in summary, and prepare forensic reports.			

Course Learning Outcomes	1	2	3
14) knows the place of physicians as an educator, administrator and researcher in delivery of health care. It takes responsibility for the professional and personal development of own and colleagues in all interdisciplinary teams established to increase the health level of the society.			
15) knows employee health, environment and occupational safety issues and takes responsibility when necessary.			
16) knows health policies and is able to evaluate their effects in the field of application.			
17) keeps medical knowledge up-to-date within the framework of lifelong learning responsibility.			
18) applies own profession by knowing about ethical obligations and legal responsibilities, prioritizing human values and with self-sacrifice throughout own medical life.			

### Course - Learning Outcome Relationship

No Effect	1 Lowest	2 Average	3 Highest

	Program Outcomes	Level of Contribution
1)	When Istinye University Faculty of Medicine student is graduated who knows the historical development of medicine, medical practices, and the medical profession and their importance for society.	
2)	knows the normal structure and function of the human body at the level of molecules, cells, tissues, organs and systems.	
3)	is capable of systematically taking an accurate and effective social and medical history from their patients and make a comprehensive physical examination.	
4)	knows the laboratory procedures related to diseases; In primary care, the necessary material (blood, urine, etc.) can be obtained from the patient with appropriate methods and can perform the necessary laboratory procedures for diagnosis and follow-up or request laboratory tests.	
5)	can distinguish pathological changes in structure and functions during diseases from physiological changes and can Interpret the patient's history, physical examination, laboratory and imaging findings, and arrive at a pre-diagnosis and diagnosis of the patient's problem.	
6)	knows, plans and applies primary care and emergency medical treatment practices, rehabilitation stages.	

7)	can keep patient records accurately and efficiently, know the importance of confidentiality of patient information and records, and protects this privacy.	
8)	knows the clinical decision-making process, evidence-based medicine practices and current approaches.	
9)	knows and applies the basic principles of preventive health measures and the protection of individuals from diseases and improving health, and recognizes the individual and/or society at risk, undertakes the responsibility of the physician in public health problems such as epidemics and pandemics.	
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### Assessment & Grading

Semester Requirements	Number of Activities	Level of Contribution
Final	1	% 65
Final Sözlü	1	% 35
<b>total</b>		<b>% 100</b>

PERCENTAGE OF SEMESTER WORK		% 35
PERCENTAGE OF FINAL WORK		% 65
<b>total</b>		<b>% 100</b>

**Workload and ECTS Credit Calculation**

Activities	Number of Activities	Workload
Course Hours	2	12
Application	2	10
Special Course Internship (Work Placement)	2	24
Presentations / Seminar	2	12
Final	1	8
<b>Total Workload</b>		<b>66</b>