

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

## Course Introduction and Application Information

Course Code:	TIP010		
Course Name:	Brain in Everyday Life		
Semester:	Fall Spring		
Course Credits:	<div>ECTS</div> <div>2</div>		
Language of instruction:			
Course Condition:			
Does the Course Require Work Experience?:	No		
Type of course:	Departmental Elective		
Course Level:	<div> <div>Bachelor</div> <div>TR-NQF-HE:7. Master`s Degree</div> <div>QF-EHEA:Second Cycle</div> <div>EQF-LLL:7. Master`s Degree</div> </div>		
Mode of Delivery:	Face to face		
Course Coordinator:	Dr. Öğr. Üy. GÖKÇER ESKİKURT		
Course Lecturer(s):	Asst. Prof. Gökçer Eskikurt		
Course Assistants:			

## Course Objective and Content

Course Objectives:	In this course, the mechanisms of the processes that our brain often perform automatically in daily life and the consequences in the absence of these processes will be explained. As a result, it is aimed for the student to see the relationship between behavior, cognition and the brain. At the same time, it is aimed to learn the effects of the functions that the brain performs in the background on our daily life.
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Course Content:	In our daily life, our brain does many situations automatically without being aware of it. In this course, these processes that the brain makes automatically will be explained through various daily examples and disease states.
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## Learning Outcomes

The students who have succeeded in this course;

- 1) Explain the recording, imaging and stimulation methods used in brain research
- 2) Knows today's explanations of the concept of consciousness
- 3) Knows the function of memory in daily life and differentiates memory types
- 4) Knows the relationship of self-concept with the brain
- 5) Know the specialized functions of various brain regions
- 6) Can comment on the illusions produced by the brain in daily life
- 7) Can explain the effect of brain damage or differences on behavior

## Course Flow Plan

Week	Subject	Related Preparation
1)	Introduction of the course	
2)	Research Methods Used in Neuroscience	
3)	What Is It Like To Be A Bat?	
4)	I Would Surely See	
5)	Should You Like a Weather Forecaster or a Broker?	
6)	Not To Forget Any Moment	
7)	Getting Lost Permanently	
8)	Running Out of Memory	
9)	Seeing Auras	
10)	Change Personality	
11)	An Endless Hallucination	
12)	Waking Up Dead	
13)	How Does The Brain Read?	
14)	How Many Sticks Did You Count?	
15)	Final Exam	

## Sources

Course Notes / Textbooks:	Dersin kaynak kitabı bulunmamaktadır. / The course does not have a mandatory resource.
References:	Dersin konuları ile ilişkili güncel makaleler ve ders slaytları. / Articles mentioned in the course related with topics and lecture slides

## Course - Program Learning Outcome Relationship

Course Learning Outcomes	1	2	3	4	5	6	7
Program Outcomes							
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.	1	1	1	1	1	1	1
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.	1	1	1	1	1	1	1
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.	1	1	1	1	1	1	1
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.	2	2	2	2	2	2	2
6) knows, plans and applies primary care and emergency medical treatment practices, rehabilitation stages.	1	1	1	1	1	1	1
7) can keep patient records accurately and efficiently, know the importance of confidentiality of patient information and records, and protects this privacy.	1	1	1	1	1	1	1
8) knows the clinical decision-making process, evidence-based medicine practices and current approaches.	1	1	1	1	1	1	1
9) knows and applies the basic principles of preventive health measures	1	1	1	1	1	1	1

and the protection of individuals from diseases and improving health, <b>Course Learning Outcomes</b> and recognizes the individual and/or society at risk, undertakes the responsibility of the physician in public health problems such as epidemics and pandemics.	1	2	3	4	5	6	7
10) knows the biopsychosocial approach, evaluates the causes of diseases by considering the individual and his / her environment.	2	2	2	2	2	2	2
11) is capable of having effective oral and/or written communication with patients and their relatives, society and colleagues.	2	2	2	2	2	2	2
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.	3	3	3	3	3	3	3
13) can collect health data, analyze them, present them in summary, and prepare forensic reports.	1	1	1	1	1	1	1
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.	1	1	1	1	1	1	1
15) knows employee health, environment and occupational safety issues and takes responsibility when necessary.	1	1	1	1	1	1	1
16) knows health policies and is able to evaluate their effects in the field of application.	1	1	1	1	1	1	1
17) keeps medical knowledge up-to-date within the framework of lifelong learning responsibility.	2	2	2	2	2	2	2
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.	1
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.	1
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.	1
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.	2
6)	knows, plans and applies primary care and emergency medical treatment practices, rehabilitation stages.	1
7)	can keep patient records accurately and efficiently, know the importance of confidentiality of patient information and records, and protects this privacy.	1
8)	knows the clinical decision-making process, evidence-based medicine practices and current approaches.	1
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.	1
10)	knows the biopsychosocial approach, evaluates the causes of diseases by considering the individual and his / her environment.	2
11)	is capable of having effective oral and/or written communication with patients and their relatives, society and colleagues.	2
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.	3
13)	can collect health data, analyze them, present them in summary, and prepare forensic reports.	1

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.	1
15)	knows employee health, environment and occupational safety issues and takes responsibility when necessary.	1
16)	knows health policies and is able to evaluate their effects in the field of application.	1
17)	keeps medical knowledge up-to-date within the framework of lifelong learning responsibility.	3
18)	applies own profession by knowing about ethical obligations and legal responsibilities, prioritizing human values and with self-sacrifice throughout own medical life.	

### Assessment & Grading

Semester Requirements	Number of Activities	Level of Contribution
Attendance	28	% 0
Homework Assignments	1	% 40
Final	1	% 60
<b>total</b>		<b>% 100</b>
PERCENTAGE OF SEMESTER WORK		% 40
PERCENTAGE OF FINAL WORK		% 60
<b>total</b>		<b>% 100</b>

### Workload and ECTS Credit Calculation

Activities	Number of Activities	Workload
Course Hours	15	30
Study Hours Out of Class	16	16
Homework Assignments	1	1
Final	1	1
<b>Total Workload</b>		<b>48</b>