

**BAŞKENT UNIVERSITY**  
**FACULTY OF SCIENCE AND LETTERS**  
**PROGRAM OF PSYCHOLOGY (ENGLISH)**  
**2022-2023**

<b>University Compulsory Courses</b>		<b>T</b>	<b>P</b>	<b>C</b>	<b>ECTS</b>
BTU100	Computer Literacy	2	-	2	2
GSBHS	Fine Arts Elective / First Aid	-	2	1	1
ORY100	Introduction to University Life	1	-	1	1
KRY100	Career Planning	1	-	1	2
<b>TOTAL</b>		<b>4</b>	<b>2</b>	<b>5</b>	<b>6</b>
<b>First Term (Fall)</b>		<b>T</b>	<b>P</b>	<b>C</b>	<b>ECTS</b>
PSY101	Introduction to Psychology I	3	-	3	6
PSY103	Academic Reading and Writing in Psychology	3	-	3	5
PSY105	General Biology	3	-	3	6
PSY111	Basic Mathematics	3	-	3	6
TÜRK101	Turkish I	2	-	2	2
ENGL101	English for Academic Purposes I	4	-	4	5
<b>TOTAL</b>		<b>18</b>	<b>-</b>	<b>18</b>	<b>30</b>
<b>Second Term (Spring)</b>		<b>T</b>	<b>P</b>	<b>C</b>	<b>ECTS</b>
PSY102	Introduction to Psychology II	3	-	3	6
PSY104	Social Anthropology	3	-	3	6
PSY106	Philosophy of Science and Critical Thinking	3	-	3	6
PSY112	Research Methods I	3	-	3	5
TÜRK102	Turkish II	2	-	2	2
ENGL102	English for Academic Purposes II (PRE: ENGL101)	4	-	4	5
<b>TOTAL</b>		<b>18</b>	<b>-</b>	<b>18</b>	<b>30</b>
<b>Third Term (Fall)</b>		<b>T</b>	<b>P</b>	<b>C</b>	<b>ECTS</b>
PSY201	Introduction to Programming Languages	3	-	3	3
PSY211	Statistics in Behavioral Sciences I	3	2	4	5
PSY213	Research Methods II (PRE: PSY112)	3	-	3	5
PSY215	Qualitative Data Analysis	3	-	3	6
PSY221	Experimental Psychology I: Learning and Memory	3	-	3	4
PSY231	Social Psychology	4	-	4	6
ATA201	Atatürk's Principles and The History of the Turkish Revolution I	2	-	2	2
ENGL201	English for Academic Purposes II (PRE: ENGL101)	4	-	4	5
<b>TOTAL</b>		<b>21</b>	<b>2</b>	<b>22</b>	<b>31</b>
<b>Fourth Term (Spring)</b>		<b>T</b>	<b>P</b>	<b>C</b>	<b>ECTS</b>
PSY202	Software and Programming in Psychology	3	-	3	3
PSY212	Statistics in Behavioral Sciences II (PRE: PSY211)	3	2	4	5
PSY214	Experimental Design	3	-	3	6
PSY222	Experimental Psychology II: Sensation and Perception	3	-	3	4
PSY224	Physiological Foundations of Behavior	3	-	3	5
PSY242	Developmental Psychology	4	-	4	6
ATA202	Atatürk's Principles and The History of the Turkish Revolution II	2	-	2	2
<b>TOTAL</b>		<b>21</b>	<b>2</b>	<b>22</b>	<b>31</b>

<b>Fifth Term (Fall)</b>		<b>T</b>	<b>P</b>	<b>C</b>	<b>ECTS</b>
PSY311	Advanced Statistics and Programming in Psychology	3	-	3	5
PSY313	Testing and Measurement	3	-	3	4
PSY321	Cognitive Processes	4	-	4	6
PSY331	Personality Theories	3	-	3	5
PSYXXX	Non-Departmental Elective I (Culture, Arts and Communication)	3	-	3	4
PSYXXX	Departmental Elective I	3	-	3	6
<b>TOTAL</b>		<b>19</b>	<b>-</b>	<b>19</b>	<b>30</b>
<b>Sixth Term (Spring)</b>		<b>T</b>	<b>P</b>	<b>C</b>	<b>ECTS</b>
PSY302	Ethical Standards	3	-	3	5
PSY304	History of Psychology	3	-	3	4
PSY314	Current Technologies in Psychological Research (PRE: PSY212)	3	-	3	5
PSY352	Psychopathology	4	-	4	6
PSYXXX	Non-Departmental Elective II (Culture, Arts and Communication)	3	-	3	4
PSYXXX	Departmental Elective II	3	-	3	6
<b>TOTAL</b>		<b>19</b>	<b>-</b>	<b>19</b>	<b>30</b>
<b>Seventh Term (Fall)</b>		<b>T</b>	<b>P</b>	<b>C</b>	<b>ECTS</b>
PSY401	Artificial Intelligence and Futurism	3	-	3	6
PSY451	Psychotherapy Approaches	3	-	3	6
PSYXXX	Departmental Elective III	3	-	3	6
PSYXXX	Departmental Elective IV	3	-	3	6
PSYXXX	Departmental Elective V	3	-	3	6
<b>TOTAL</b>		<b>15</b>	<b>-</b>	<b>15</b>	<b>30</b>
<b>Eighth Term (Spring)</b>		<b>T</b>	<b>P</b>	<b>C</b>	<b>ECTS</b>
PSY402	Current Topics in Psychology	3	-	3	6
PSY452	Interview Techniques	3	-	3	6
PSYXXX	Departmental Elective VI	3	-	3	6
PSYXXX	Departmental Elective VII	3	-	3	6
PSYXXX	Departmental Elective VIII	3	-	3	6
<b>TOTAL</b>		<b>15</b>	<b>-</b>	<b>15</b>	<b>30</b>

**T:** Theoretical course weekly hours, **P:** Practical course weekly hours, **C:** Credits,  
**ECTS:** European Credit Transfer System

<b>Elective Courses</b>		<b>T</b>	<b>P</b>	<b>C</b>	<b>ECTS</b>
PSY400	Cultural Psychology	3	-	3	6
PSY403	New Media and Psychology	3	-	3	6
PSY404	Environmental Psychology	3	-	3	6
PSY405	Forensic Psychology	3	-	3	6
PSY406	Existential Psychology	3	-	3	6
PSY407	Health Psychology	3	-	3	6
PSY408	Evolutionary Psychology	3	-	3	6
PSY409	Gender	3	-	3	6
PSY411	Applied Qualitative Research Methods	3	-	3	6
PSY412	Independent Study	2	2	3	6
PSY413	Laboratory Studies	2	4	4	7
PSY420	Neuropsychology	3	-	3	6
PSY421	Psychopharmacology	3	-	3	6
PSY422	Psycholinguistics	3	-	3	6
PSY423	States of Consciousness	3	-	3	6
PSY424	Interpersonal Neurobiology	3	-	3	6
PSY425	Neuropsychological Tests	3	-	3	6
PSY426	Theories of Learning	3	-	3	6
PSY427	Comparative Psychology	3	-	3	6
PSY430	Psychology of The Self	3	-	3	6
PSY431	Social Perception and Cognition	3	-	3	6
PSY432	Social Judgment and Decision Making	3	-	3	6
PSY433	Close Relationships	3	-	3	6
PSY434	Group Behavior	3	-	3	6
PSY435	Political Psychology	3	-	3	6
PSY436	Psychology of Terrorism	3	-	3	6
PSY437	Social Psychology and Cinema	3	-	3	6
PSY438	Experimental Social Psychology	3	-	3	6
PSY440	Cognitive Development	3	-	3	6
PSY441	Psychology of Aging	3	-	3	6
PSY442	Development and Socialization	3	-	3	6
PSY443	Adolescence	3	-	3	6
PSY444	Developmental Psychopathology	3	-	3	6
PSY450	Introduction to Cognitive-Behavioral Therapies	3	-	3	6
PSY453	Introduction to Gestalt Therapy	3	-	3	6
PSY454	Introduction to Schema Therapy	3	-	3	6
PSY455	Introduction to Psychodynamic Therapies	3	-	3	6
PSY456	Introduction to Family Therapies	3	-	3	6
PSY457	Childhood Psychopathology	3	-	3	6
PSY458	Emotion Regulation and Psychopathology	3	-	3	6
PSY459	Cultural Factors in Psychopathology	3	-	3	6
PSY460	Childhood Clinical Assessment	3	-	3	6
PSY461	Adulthood Clinical Assessment	3	-	3	6
PSY462	Introduction to Special Education	3	-	3	6
PSY463	The Family Factors in Psychopathology	3	-	3	6
PSY464	Loss and Grief Processes	3	-	3	6
PSY465	Trauma Psychology	3	-	3	6
PSY466	Psycho-Oncology	3	-	3	6
PSY490	Industrial and Organizational Psychology	3	-	3	6
PSY491	Traffic Psychology	3	-	3	6
PSY492	Sports Psychology	3	-	3	6
PSY493	Psychology of Refugees	3	-	3	6

## **COURSE DESCRIPTIONS**

### **Compulsory Courses**

#### **PSY101 Introduction to Psychology I (3-0-3 | 6 ECTS)**

In this course, students will be able to get knowledge on how to look at different perspectives of psychology in order to solve the problems within each perspective. The basic topics include testing psychological research hypotheses and the theories of mind-body relationship. This course includes topics such as research methods, physiological bases of behavior, brain and behavior, sensation and perception, states of consciousness, learning, memory, language and intelligence.

#### **PSY102 Introduction to Psychology II (3-0-3 | 6 ECTS)**

There are three main section of the course: (1) Different psychological approaches to explaining human behavior and the relationship between the sub-fields of psychology, (2) basic psychological concepts and theories related to each sub-area, and (3) vision and the ability to analyze applications of psychology in everyday life. In this context, motivation, emotion, personality, developmental psychology, social psychology, industrial and organizational psychology, psychological disorders, therapy, health psychology are covered.

#### **PSY103 Academic Reading and Writing in Psychology (3-0-3 | 5 ECTS)**

The aim of this course is to improve students' academic reading and writing skills, specifically, for psychological texts. During this course, students are expected to learn how to find main ideas, to analyze and synthesize them from academic texts. Therefore, anatomical and semantic exploration of psychological texts in any form has a crucial role in this course. This course aims to inform students on different reading types and purposes, reading articles and chapters, being critical and reflective on academic texts as well as note taking and searching skills. On the writing side, this course aims to help students in developing ideas, organizing the writing material and applying ethical principles to their academic writing skills. In addition to write academic papers, students are expected to gain knowledge and skills for preparing psychological texts in different types such as brochures, blog and magazine articles.

#### **PSY104 Social Anthropology (3-0-3 | 6 ECTS)**

Human behavior, cultural and social factors underlying the main topics discussed in this course and topics of anthropological research methods, language and communication, ethnicity, political systems, gender roles, family, marriage, religion, art, globalization and multiculturalism are available. Course is designed to emphasize the relationship between anthropology and psychology sciences. In addition, anthropological variables which may provide information about the understanding and analysis of behavior are discussed.

#### **PSY105 General Biology (3-0-3 | 6 ECTS)**

General Biology course, enables students have knowledge on human biology and biological systems as the basic building blocks. In addition, they learn the methods of identification and analysis of the

biological basis of behavior. Among the subjects of the course are cell machinery, genetics, heredity, protein synthesis, organ systems, nervous system and evolution.

### **PSY106 Philosophy of Science and Critical Thinking (3-0-3 | 6 ECTS)**

Philosophy of science covers topics such as the scientific method, reality and appearance, existence, philosophy, human nature, truth, freedom, and so on. In this course, the students are given information about the stages of scientific methods in general. This is in accordance with the coverage not only in psychology, but developments in other areas of science are also included. In addition to the founders of scientific philosophy as Aristotle, Descartes, Copernicus, other names related with development of the methodology such as Popper, Kuhn, and James constitute the content of the course work. In addition, the course is designed to serve as a methodical preparation for more effective reasoning and improved cognitive skills. Its ambition is to develop those intellectual dispositions that are essential for effective evaluation of truth claims as well as for making reasonable decisions based on what we know or believe to know. It is more about the quality of our beliefs and the reasons that support them than about their content.

### **PSY111 Basic Mathematics (3-0-3 | 6 ECTS)**

This course deals with the mathematical thinking and problem solving skills. Solution algorithms, probability, and systems concepts such as numbers, in addition to the basic math, logic, thought, the evolution of the production of scientific knowledge, propositional algebra, algebra of sets, functions, and the paradoxes of issues such as the concept of eternity are the subjects of the course.

### **PSY112 Research Methods I (3-0-3 | 5 ECTS)**

Research Methods I course, students learn the process of scientific research and their corresponding applications. Scientific research to follow steps and guidelines used for doing research and writing research reports, the skills required to make research proposals, literature search, sample selection, experimental design, surveys, case studies and longitudinal studies are the main topics of the course.

### **PSY201 Introduction to Programming Languages (3-0-3 | 3 ECTS)**

This is an introductory programming course. Topics include familiarization with and utilization of computer systems; developing logic; preparing top-down design of problems; and creating programs. Students will learn how to construct basic algorithms and write computer programs using basic types, loops, and conditionals. The course also offers an introduction to the historical and social context of computing and an overview of computer science as a discipline and its application to psychology.

### **PSY202 Software and Programming in Psychology (3-0-3 | 3 ECTS)**

This course aims to provide an overview of basic software programs used in psychological research. Software include the ones used for questionnaire preparation and administration to software used in experimental designs (including the ones taking physiological measures).

### **PSY211 Statistics in Behavioral Sciences I (3-2-4 | 5 ECTS)**

The course includes an introduction to probabilistic and statistical techniques for describing data. Topics such as probability, frequency analyses, measures of central tendency, and measure of deviation are explained by using computer software. The emphasis is on the effective handling of the data and understanding the basic principles of statistical thinking.

### **PSY212 Statistics in Behavioral Sciences II (3-2-4 | 5 ECTS)**

This course is designed to teach students about the procedures of hypothesis testing. Subjects such as t-test, correlation and analysis of variance are taught to enable students to determine which appropriate analyses are to be followed in order to solve statistical problems. Writing statistical results according to academic writing rules is one of the important topics discussed in the course.

### **PSY213 Research Methods II (3-0-3 | 5 ECTS)**

This course provides basic training in the gathering, description and analysis of quantitative information in the behavioral sciences. The course is designed to give emphasis primarily on hypothesis formulation, operational definition, applying this knowledge on real data and writing a research paper. Students are allowed to apply their knowledge to survey methods mainly in which they learn how to design an effective survey form to gather data.

### **PSY214 Experimental Design (3-0-3 | 6 ECTS)**

The purpose of this course is to teach students about experimental methods used in behavioral sciences. The effective design of an experiment, various experimental designs, properties of the subjects and the experimenter, sampling, analyses of experimental data are the topics of the course. In this course, students learn and apply their knowledge to design an experiment, and writing the scientific the report of the experiment.

### **PSY215 Qualitative Data Analysis (3-0-3 | 6 ECTS)**

This course aims to provide an introductory overview of the principles and practice of qualitative data analysis. Students are informed about data collection methods and different methodological approaches used for qualitative data analysis. Students are introduced different software used for coding qualitative data. Besides, within the scope of this course, students gain experience in analyzing qualitative data and writing up of qualitative research findings.

### **PSY221 Experimental Psychology I: Learning and Memory (3-0-3 | 4 ECTS)**

This course aims to provide students with a comprehensive knowledge about the cognitive processes underlying learning and memory. The course covers such topics as associative and non-associative learning, classical and operant conditioning, reinforcement, punishment and avoidance, generalization, observational and motor learning, short-term memory, long-term memory, implicit memory, explicit memory, working memory and its components, encoding and retrieval, distortion, forgetting, childhood amnesia, autobiographical memory, and false memories.

### **PSY222 Experimental Psychology II: Sensation and Perception (3-0-3 | 4 ECTS)**

This course aims to investigate the physiological and cognitive processes underlying perception. The course focuses on how physical energy (light, sound waves etc.) is processed by the sense organs, how the physical stimuli are converted by the central nervous system, and finally how they turn into meaningful perceptions like images, sounds, and music. The course explores a range of topics such as visual perception, auditory perception, touch, smell, and taste.

### **PSY224 Physiological Foundations of Behavior (3-0-3 | 5 ECTS)**

The relationship between behavior and human biology, basic anatomy knowledge, systems, operating principles of nerve cells in the central and peripheral nervous systems, principles of sensory and motor systems and the neurobiological foundations of a wide range of processes such as sleep and emotions and the neuropsychosocial model of psychological disorders are the main topics discussed in the course. In addition to these, information on practical issues such as the effects of substances on the nervous system or the psychological phenotype of brain lesions are provided to students.

### **PSY231 Social Psychology (4-0-4 | 6 ECTS)**

Social psychology is defined as the scientific discipline that attempts to understand and explain how the thought, feeling, and behavior of individuals are influenced by the actual, imagined, or implied presence of others. The major aim of the course is to find experimentally gathered evidences (cause-effect relationships) about human behavior in their social environment. The course contains the topics as self, social beliefs and judgment, attitudes, culture and gender, conformity and obedience, persuasion, group influence, prejudice and discrimination, aggression, attraction and intimacy, helping, conflict and peacemaking, and applications of social psychology.

### **PSY242 Developmental Psychology (4-0-4 | 6 ECTS)**

Developmental psychology is a course that examines development, including the theories and methodologies used by developmental psychologists. The developmental psychology course examines the biological, psychological and social aspects of development, as well as the continuity and change from conception to death. The aim of this course is to prepare students for more advanced courses in developmental psychology field or other psychology courses that include topics in developmental psychology.

### **PSY302 Ethical Standards (3-0-3 | 5 ECTS)**

The definition of ethics and ethical behaviors, the historical developments in the ethical rules, the reasons for the necessity of ethical conduct, examples of different ethical dilemmas will be included in the contents of this course. The ethical rules in doing psychological research, publishing research papers, doing psychotherapy, and working at public and private institutions will be also included. The gathered information will be discussed over the codes of ethics for Turkish psychologists in Turkey.

### **PSY304 History of Psychology (3-0-3 | 4 ECTS)**

This course starts with the different stages the science of psychology passed through including its philosophical foundations. These historical philosophical theories will be discussed within the socio-cultural context they evolved in. Evolution and accumulation of psychological knowledge from ancient times to modern ages is the main concern of this course. Therefore, as well as philosophical views that have contributed to psychology, birth and development of modern psychology perspectives will be discussed throughout the term. Within this scope, modern psychology perspectives such as behaviorism, psychoanalysis, humanistic and cognitive psychology will be explained within the context of 19th and 20th centuries.

### **PSY311 Advanced Statistics and Programming in Psychology (3-0-3 | 5 ECTS)**

The main aim of this course is to provide a build-up for the Statistics in Behavioral Sciences II. More advanced statistical multivariate analysis techniques and their application in psychological sciences are discussed. Techniques such as confirmatory factor analysis, structural equation models, generalized linear models, and multilevel methods are examined. Students apply the techniques using the statistical language R. It is assumed that the students have followed the the Statistics in Behavioral Sciences II course.

### **PSY313 Testing and Measurement (3-0-3 | 4 ECTS)**

The main aim of this course is to teach students the basic knowledge of psychological testing and assessment. Another important purpose of the course is to teach students the general knowledge of psychological testing and psychological assessment and the difference between them. Therefore, following topics will be covered through the course: Necessity of measurement in science, ethical considerations in testing and assessment, historical roots of measurement and psychometric, measurement in psychology, reliability, validity, scale development, the assessment of intelligence, the assessment of personality, clinical and counseling assessment, neuropsychological assessment

### **PSY314 Current Technologies in Psychological Research (3-0-3 | 5 ECTS)**

In the current course, studies of human-computer interactions; technology usage in childhood and adolescence; online safety and security; psychological research into the effects of social media and internet use on psychological wellbeing and relationships; ethical issues in cyber-environments; and the role of new technologies as a tool for research a practice will be discussed. Students will learn how to use these new innovative methods to gather data and to provide therapeutic interventions.

### **PSY321 Cognitive Processes (4-0-4 | 6 ECTS)**

This course aims to investigate the general principles of human cognition. The course focuses on the scientific study of the thinking mind and explores a range of topics such as operations of memory, working memory, executive functions, attention, language and social cognition. The course also includes discussions about the relationship between the brain, mind and behavior, together with recent studies in cognitive neuroscience and neuropsychology.

### **PSY331 Personality Theories (3-0-3 | 5 ECTS)**

In this course the definition of personality, its assessment and methods of investigation, its development will be evaluated in terms of the different theories of personality. The theories will be discussed according to their historical development and their current manifestations. Among the theories and approaches to be discussed are: psychoanalytic and psychodynamic theories, behaviorist theories, the humanistic and existential theories, dispositional and biological approaches, cognitive theories, and the explanations based on Eastern philosophies.

### **PSY352 Psychopathology (4-0-4 | 6 ECTS)**

The aim of this course is to differentiate between the concepts of normal and abnormal behavior, learn about the different theories/perspectives used to explain the underlying dynamics leading to abnormal mental processes and gain knowledge about the different ways to diagnose abnormal behavior, their characteristics, and their possible causes. Within the scope of the course, students gain knowledge about the diagnostic criteria, etiologies and treatment processes of the psychopathologies experienced in the adulthood.

### **PSY401 Artificial Intelligence and Futurism (3-0-3 | 6 ECTS)**

The purpose of this course is to introduce students to newly developed areas of human-machine interaction with a special emphasis on artificial intelligence. Topics include human-machine interaction, robotics and AI, ethics in human-machine interaction, the problems of and solutions to artificial intelligence. The effects of futurism to psychology would also be discussed in this course.

### **PSY402 Current Topics in Psychology (3-0-3 | 6 ECTS)**

The purpose of this course is to introduce new trends and topics in different areas of psychology. The course may focus on emerging and critical issues in psychology such as artificial intelligence, new methods and tools of research, interdisciplinary synthesis, historical development of theories specific to sub-areas of psychology, new areas of applications. This course also aims to provide a space where students can integrate their existing knowledge of psychology with the new topics.

### **PSY451 Psychotherapy Approaches (3-0-3 | 6 ECTS)**

This course provides students with an introductory survey of the major theories of psychotherapy. Different psychotherapy approaches based on different theoretical backgrounds provide various ways of understanding the causes of psychological problems, as well as ways in which to help people change. The emphasis will be on comparing different psychotherapy approaches such as psychoanalysis, behavioral therapy, transactional analysis, Gestalt therapies, etc.

### **PSY452 Interview Techniques (3-0-3 | 6 ECTS)**

The main purpose of this course is to teach students the basic knowledge of clinical interviewing. In addition, students who take this course are expected to acquire the basic skills that are used in clinical interviews. The topics that will be covered through the course as follows: The fundamental principles of clinical interviewing, preparation, physical environment, basic listening, questioning and attending

skills, first interview and mental status examination, building a rapport, suicide assessment, diagnosis and treatment planning, fundamental principles and skills of working with different groups.

### **Elective Courses**

#### **PSY400 Cultural Psychology (3-0-3 | 6 ECTS)**

The aim of this course is to provide information about the effect of culture on the development of individual in which he lives and how the individual shapes the culture. Students will learn how cross cultural differences are reflected on people and to which differences they lead within the framework of theoretical developments and scientific findings. In addition, students obtain information about cultural values, sub-cultures, intercultural relations, ethnicity, and Turkish culture.

#### **PSY403 New Media and Psychology (3-0-3 | 6 ECTS)**

This course is designed to examine the role of psychologists play in the media and explore the impact of media and technology on human behavior. The aim of the course is to apply psychological theories and principles and increase students' understanding of how marketing and communications impact modern media in a global society. The role of psychology in such fields as media consulting, advertising, and media research are discussed.

#### **PSY404 Environmental Psychology (3-0-3 | 6 ECTS)**

This course will explore the nature and nuances of interrelationships between people and their surroundings by examining an array of critical issues in environmental psychology. The course will cover classic issues that help inform urban ecological design, such as relationships to nature, landscape preferences, personal space, territoriality, and crowding. The course also addresses the emerging importance of the politics of place, as manifest through the appearance, meanings and uses of urban public space. In addressing these issues, the course provides a critical framework for understanding the role of the environment in our everyday lives.

#### **PSY405 Forensic Psychology (3-0-3 | 6 ECTS)**

The aims of this course are students will be able to describe what offending theories are, to express assessment and treatment methods of offenders and victims. This course covers judicial process, offender profiles, risk assessment, intervention methods for offenders and victims, trial consultations, juvenile delinquency and juvenile justice system.

#### **PSY406 Existential Psychology (3-0-3 | 6 ECTS)**

This course contains topics in existentialism and existential psychology. The topics include existential philosophy, existential anxieties, death and dying, freedom, isolation, search for meaning, and experimental existential psychology. The course is interested in the ideas of both existential philosophers such as Camus and Sartre and the founders of existential psychology such as Frankl and May.

### **PSY407 Health Psychology (3-0-3 | 6 ECTS)**

In this course, initially the historical developments leading to the development of health psychology will be the focus of attention, along with the research methods. The topics will include the definition of health, the biological and psychological factors related to health and illness, relationship between stress, health and its management. Under the topic of health related behaviors, topics like nutrition, obesity and eating disorders, problems of addiction, adherence to treatment and cooperation between the patient and the treatment team will be discussed. The other topics of discussion will include chronic and terminal illnesses, the current status of health psychology, and the expected future developments in the field, as well as different programs that can be applied by health psychologists to help the health personnel.

### **PSY408 Evolutionary Psychology (3-0-3 | 6 ECTS)**

This course provides an introduction to evolutionary psychology. In this context, the primary focus of the course is on how human mind and behavior have been shaped by evolutionary processes, in terms of natural selection and sexual selection. The aim of the course is to consider how principles from evolutionary biology can be applied to understanding personality and individual differences in modern society. The course covers recent research findings and theoretical issues in evolutionary psychology, including learning mechanisms, mating, parenting, kinship, cooperation, aggression, and other social relations.

### **PSY409 Gender (3-0-3 | 6 ECTS)**

The purpose of this course is to explain the mechanisms through which gender is constructed and perpetuated and the implication of gender for different aspects of the life. Students will learn about gender differences and similarities, perpetuation of gender stereotypes, and the effects of gender construction for the individual, relationships, family, society, and labor force from the perspective of differing psychological orientations.

### **PSY411 Applied Qualitative Research Methods (3-0-3 | 6 ECTS)**

The course will provide students with an understanding of the role of qualitative research in the social sciences; knowledge and experience in the use of qualitative methods; an appreciation of their limitations and the social, theoretical and political context of their use. It will also include qualitative data analysis, and writing and presenting qualitative research.

### **PSY412 Independent Study (2-2-3 | 6 ECTS)**

The aim of this course is to enable undergraduate students with an academic advisor to plan an independent research, to carry out the empirical study, and to report their findings with reference to academic manuals. Students are asked to make a literature research, to decide the method of study, to get and analyze the data and to conclude on results of the empirical study.

### **PSY413 Laboratory Studies (2-4-4 | 7 ECTS)**

Laboratory Studies is under the direction of the laboratories of the Department. Students enrolled in this course can join ongoing research projects in laboratories which represent different subareas of psychology or they can develop an independent research proposal and carry out data collection and analysis. This course is designed to enhance both individual research performances and group study skills of undergraduate students. The Laboratories which will be used in this course is determined by the Department.

### **PSY420 Neuropsychology (3-0-3 | 6 ECTS)**

The goal of this course is to make students familiar with the basics of neuropsychology. Students will be introduced to brain and its functions, the properties of nervous system, structure and function of neurons. Students will also be informed about how to measure neuropsychological attributes. The structures in the nervous system and its correlates with behavior will be explored. Moreover, artificial models of neural networks will also be introduced to study the differences and similarities between biological and computational systems.

### **PSY421 Psychopharmacology (3-0-3 | 6 ECTS)**

This course surveys basic neuropharmacology, the effects of various psychotropic drugs, and the actions of drugs used to treat mental disorders. The emphasis of the first part of the course is on basic principles of neuropharmacology, distribution and elimination of drugs, drug-receptor interactions and dose-response relationships, structure of neurons, neurophysiological mechanisms involved in synaptic activity, and the distribution of specific neurotransmitter systems. The last two-thirds of the course examine the actions of specific drugs and their effects on behavior and their uses in biological psychiatry. This course is designed to provide a foundation for advanced study in behavioral neuroscience, neuropsychopharmacology, physiological psychology, and related areas and to provide an introduction to the pharmacological treatment of mental disorders for clinical students.

### **PSY422 Psycholinguistics (3-0-3 | 6 ECTS)**

Psycholinguistics focuses on the psychological processes of language use from an information-processing perspective and employs experimental research paradigms. This course presents a summary of major topics in the field such as spoken and visual word perception, sentence comprehension, the mental lexicon, language production, and language development.

### **PSY423 States of Consciousness (3-0-3 | 6 ECTS)**

This course covers topics related to states of consciousness such as waking consciousness, sleep, dreams, sleep deprivation, hypnosis, meditation, drug dependency. Students will first explore a brief historical account for the theories of consciousness. They will then be introduced to the definitions of states of consciousness, and its relationship with behavior. Neuropsychological evidence of consciousness will be compared with the theoretical approaches. Various other methods of studying consciousness will be discussed.

### **PSY424 Interpersonal Neurobiology (3-0-3 | 6 ECTS)**

Interpersonal neurobiology is a synthesis of the developments in neuroscience, complex systems theory, epigenetic, biology, evolutionary psychology, anthropology, cognitive psychology, information processing, attachment theory, quantum physics, stress, etc. The course will include topics like the evolutionary development of the brain, its lifelong development, its plasticity and basic principles of operation, implicit and explicit memory, how they develop during early interactions with the caregiver, conscious and unconscious automatic information processing. The different psychopathological categories will be analyzed on the basis of attachment theory and brain development, and different treatment modalities based on mindfulness will be introduced.

### **PSY425 Neuropsychological Test (3-0-3 | 6 ECTS)**

In this course, the students are expected to gain general knowledge on what the neuropsychological tests are and how they are employed in fields of practice. They thoroughly learn the theoretical background and acquire skills of application, scoring, interpretation and reporting of the neuropsychological tests specified in the course. Besides, by applying the tests they gain perspectives on the tests both from the applicant's and the applied person's point of view.

### **PSY426 Theories of Learning (3-0-3 | 6 ECTS)**

The purpose of this course is to provide a deep investigation into the theories of learning. Through this course the students learn how different approaches and different theoreticians handle the subject of learning. The students are anticipated to gain compressive knowledge on variations among the methods of different theories of learning and the intricate designing of the experiments to test the assumptions of these theories. Thus, the students would be gaining knowledge on experimental methodology besides the theoretical knowledge.

### **PSY427 Comparative Psychology (3-0-3 | 6 ECTS)**

This course discusses theory and research in animal cognition from a comparative perspective. The course begins with an introduction to basic principles of animal learning and memory. With this background information established, the course then focus on empirical and theoretical approaches to domains such as spatial cognition, timing and counting, social learning, communication, language, and theory of mind. For each of these topics, comparisons among animal species are made, including comparisons to humans (particularly infants and children).

### **PSY430 Psychology of The Self (3-0-3 | 6 ECTS)**

Self-consciousness, symbolic interaction, self-concept, self-esteem, self and information processing, self-regulation, self and culture are the topics discussed in this course. Although social psychological theories of self are considered the primary sources of research on psychology of self, historical, sociological and cultural models are also evaluated.

### **PSY431 Social Perception and Cognition (3-0-3 | 6 ECTS)**

The main purpose of the course is to provide students with a broad background (from self to society) in social cognition and to give focus on particular topics and concepts in the field. Social perception and cognition provide a systematic review of both classical and current research and points of view in regard to major problems in the fields of cognitive psychology, social psychology and their intersection called social cognition. The course covers major theories in the field and the empirical evidence in support of them. Students are challenged to understand the theories, to recognize their theoretical and practical significance, to infer their implications and applications, and to think critically about them.

### **PSY432 Social Judgment and Decision Making (3-0-3 | 6 ECTS)**

This course surveys current theories of human judgment and decision making. Students are introduced to both normative models of decision making (based in statistics, philosophy, psychology, and economics) and descriptive models of decision making (based on research in cognitive psychology and social psychology). The role of expertise in judgment and decision making also is discussed. The course includes discussion of judgment and decision making under a variety of conditions of uncertainty, including aviation, diagnosis and treatment decisions in clinical psychology and medicine, forecasting, risk assessment, and evaluation of eyewitnesses and jury decisions.

### **PSY433 Close Relationships (3-0-3 | 6 ECTS)**

The aim of this course is to address the dynamics and the nature of different types of close relationships such as romantic relationships, peer relationships, and family relationships with a scientific point of view. In this context, students obtain knowledge about the role of attachment styles in different close relationships. Emotional processes in close relationships, the dynamics of establishing intimacy, communication, conflict and conflict resolution in relationships, separation, jealousy and violence, passion, sexuality, and relationship satisfaction topics are addressed in the course within the scope of cognitive and evolutionary theories.

### **PSY434 Group Behavior (3-0-3 | 6 ECTS)**

The aim of this course is to provide information about internal dynamics of group and group behavior of the individual. In this course, students learn about the factors affecting formation, development, and maintenance of groups within the framework of social psychology theories and models. Culture and structure of the groups, groups, organizations, and community relations will be addressed. The individual-group relationship, mutual dependency and conflict, individuals' attachment to group and tendency to be involved to the group will be discussed as well as in decision-making within the group, leadership and team management.

### **PSY435 Political Psychology (3-0-3 | 6 ECTS)**

Political psychology is an interdisciplinary scientific which studies political behavior from a psychological perspective. Students are informed of the basic approaches and researches in political psychology. The course contains the chapters as political attitudes, leadership, political decision

making, voting behavior and role of media, hate crime, war, genocide, peace and conflict resolution, culture and politics, social influence and propaganda, nationalism, and terrorism.

### **PSY436 The Psychology of Terrorism (3-0-3 | 6 ECTS)**

Terrorism is of a global importance and has been an indispensable agenda for almost all countries because of its psychological and emotional damages. In the course, students are informed of the historical progress of terror and terrorism, the views of various scientific disciplines, and types of terrorism by different means (e.g., biological, nuclear, chemical) and purposes (e.g., ethnic, ideological, religious). Another important aim of the course is to present the psychological approaches which help to explain the causes of terrorism to the students. In this respect, the course also contains the topics of social identity theory, terror management theory, frustration-aggression hypothesis, and evolutionary psychology approach.

### **PSY437 Social Psychology and Cinema (3-0-3 | 6 ECTS)**

The relationship between social psychology and cinema, models of human behavior, affect, and cognition in movies, human interaction models of directors, movies and representation of deviance are the some topics of the course. The main purpose is to examine the representation of social psychological variables and concept in cinema. Another aim is to enable students examine movies and make movie analyses according to social psychological parameters.

### **PSY438 Experimental Social Psychology (3-0-3 | 6 ECTS)**

This is an experiential lab where students acquire experience conducting research in social psychology's addition; students develop a proposal for an original piece of research. Students engage in a review of literature, development of a methodology, and the collecting of (at least) pilot data. An emphasis will be on the use of SPSS statistical software.

### **PSY440 Cognitive Development (3-0-3 | 6 ECTS)**

The aims of this course are students will be able to explain how the cognitive processes develop in infants, children and adolescents, and how they become more efficient in their understanding of the world and in their mental processes. This course covers theories of cognitive development, perception, reasoning, problem solving, moral understanding, acquiring language, memory as main cognitive process and also suggestibility, eye-witness memory, theory of mind, infantile amnesia, and development of deception as contemporary issues.

### **PSY441 Psychology of Aging (3-0-3 | 6 ECTS)**

The aims of this course are students will be able to express physical, cognitive, social and emotional changes in later life, to explain social and health factors that impact aging. This course covers as aging theories and important issues in old age such as attitudes to aging, retirement, psychosocial factors and health, widowhood, death and bereavement, cross-cultural differences.

### **PSY442 Development and Socialization (3-0-3 | 6 ECTS)**

The aims of this course are students will be able to explain how individuals learn to establish and maintain relationships with others, to express the developmental consequences of socialization in different developmental period. This course covers theories of socialization and social development, temperament, attachment, friendship, bullying, play development, social cognition, the development of problem and prosocial behaviors, the family, peer, school and community as a socialization context, socialization in adulthood.

### **PSY443 Adolescence (3-0-3 | 6 ECTS)**

The aim of the course is to understand and explain all aspects (physical, cognitive and social emotional) of development and changes experienced during the transition from childhood to adulthood. In accordance with this purpose, theoretical approaches to adolescence will be emphasized and adolescence development will be examined in different contexts such as family, school and culture. In addition, it is aimed to explain possible developmental problems in adolescence.

### **PSY444 Developmental Psychopathology (3-0-3 | 6 ECTS)**

The purpose of this course is to review the development of psychological disorders with a life course perspective. Students who take this course are expected to acquire knowledge on developmental factors that affect emerging of psychopathologies. The topics that will be covered through the course as follows: Developmental psychopathology approach in analysis of behavior, genetic and environmental influences on behavior, risk factors for psychopathology, emotional regulation, impulsivity, brain injury, development of antisocial personality, Conduct and Oppositional Defiant Disorder, Attention Deficit Hyperactivity Disorder, Anxiety Disorders, Mood Disorders.

### **PSY450 Introduction to Cognitive-Behavioral Therapies (3-0-3 | 6 ECTS)**

In this course the different types of cognitive-behavioral therapies will be introduced within the context of their historical development, their similarities and differences, and their explanations for different psychological disorders. The course will also include the introduction of a prototype cognitive therapy, the basic concepts like automatic thoughts, schemas, dysfunctional attitudes, cognitive distortions, etc., the different stages, and the different therapy techniques.

### **PSY453 Introduction to Gestalt Therapy (3-0-3 | 6 ECTS)**

The main aim of the course is to introduce basic concepts and techniques of Gestalt therapy. Students who take this course learn the underlying assumptions of Gestalt therapy by analysis of cases that utilize Gestalt therapy. The topics that will be covered through the course as follows: Development of Gestalt therapy, Self, Techniques of awareness, Awareness of the body, techniques of Gestalt therapy, Ego boundaries, Dream Works, Orientation of “here and now”, case analyses.

### **PSY454 Introduction to Schema Therapy (3-0-3 | 6 ECTS)**

The aim of this course is to teach undergraduate students theoretical background of schema therapy, help them to gain insight about their daily experiential processes and introduce them with basic

therapeutic skills of schema therapy. This course contains introduction of schema therapy techniques and observation of schema therapy applications via visual and audio materials.

### **PSY455 Introduction to Psychodynamic Therapies (3-0-3 | 6 ECTS)**

This course aims to provide in-depth knowledge about psychodynamic theory and psychodynamic psychotherapies. Within the scope of this course, students learn how different approaches and different theorists deal with psychodynamic theory. With this course, students master the psychotherapy applications of the Psychodynamic approach. Thus, besides theoretical knowledge, they also gain knowledge about psychotherapy practice.

### **PSY456 Introduction to Family Therapies (3-0-3 | 6 ECTS)**

The main aim of this course is to inform students about theories and models of family therapy. Students are expected to acquire knowledge of family functioning, systems that make family and effects of culture on family. The topics that will be covered through the course as follows: Fundamental theories of family therapy, systemic models, psychodynamic models, intergenerational models, experiential models, strategic models, cognitive-behavioral models, effects of gender and culture on family functioning, children focused problems, adult focused problems.

### **PSY457 Childhood Psychopathology (3-0-3 | 6 ECTS)**

The main aim of this course is to inform students on etiology and treatment of psychopathologies that are frequently seen in childhood period. In addition, providing information on biological, psychological and sociocultural factors that affect childhood psychopathologies is another purpose of this course. The topics that will be covered through the course as follows: developmental systemic approach, attention deficit hyperactivity disorder, conduct and oppositional defiant disorder, childhood mood disorders, childhood anxiety disorders, autism, childhood schizophrenia, intellectual difficulties, learning disability, eating disorders.

### **PSY458 Emotion Regulation and Psychopathology (3-0-3 | 6 ECTS)**

During this course, relations between psychopathologies and individuals' emotional capacity includes awareness, emotions related reactions and experiences in terms of intensity, length, variation are focused. In this context it is aimed to make students learn emotion regulation process, individual differences about this process and varied emotion regulation components according to specific psychopathologies. In addition to these theoretical acquisitions, students are expected to experience basic emotional regulation techniques and gain practical skills.

### **PSY459 Cultural Factors in Psychopathology (3-0-3 | 6 ECTS)**

In this course students acquire the knowledge of cultural factors that affect the definition and perception of psychopathology, diagnosis and psychotherapy. Another emphasis of the course is to teach the relationship between modern understanding of psychopathology and endogenous psychologies. The topics that will be covered through the course as follows: Culture-personality relationship, concept of normal, cultural factors in diagnosis process, development of endogenous

psychologies, psychiatric classification systems, attitudes toward mental disorders and psychotherapy, perception of psychopathologies.

### **PSY460 Childhood Clinical Assessment (3-0-3 | 6 ECTS)**

This course is aimed to teach clinical appearance, assessment and diagnosis process of the childhood psychopathologies to the psychology students. Within the scope of this course, psychology students learn basic features and observe application practices of intelligence tests, neuropsychological tests and projective tests, which are developed to assess childhood psychopathologies, and the students gain ability to report the results of the applications. Moreover, with the help of the in-class exercises, psychology students become familiar with the application process of these assessment tools.

### **PSY461 Adulthood Clinical Assessment (3-0-3 | 6 ECTS)**

This course is aimed to teach clinical appearance, assessment and diagnosis process of the adulthood psychopathologies to the psychology students. Within the scope of this course, psychology students learn basic features and observe application practices of intelligence tests, neuropsychological tests and projective tests, which are developed to assess adulthood psychopathologies, and the students gain ability to report the results of the applications. Moreover, with the help of the in-class exercises, psychology students become familiar with the application process of these assessment tools.

### **PSY462 Introduction to Special Education (3-0-3 | 6 ECTS)**

In this course, students learn basic knowledge of education of individuals who needs special and individualized education because of the various problems. Students are also acquiring knowledge of problems that require special education and content of educational programs. The topics that will be covered through the course as follows: Education of individuals with mental difficulties, behavior modification, skill training, need assessment in special education, individual differences and psychological approaches, parental training.

### **PSY463 The Family Factors in Psychopathology (3-0-3 | 6 ECTS)**

This course aims to introduce the family factors related to mental health of children and adults. For this purpose, the role of family in the development and treatment of mental disorders will be discussed in the framework of stress-vulnerability model. Then, the development of the mental disorders will be explained from the perspectives of attachment theory, interpersonal acceptance-rejection theory, and family system theory. The contribution of family conflict, divorce, and childhood abuse and neglect to the development of mental disorders will be evaluated. Finally, the role of family factors in adulthood mental disorders such as schizophrenia, depression, anxiety disorders and eating disorders will be discussed separately.

### **PSY464 Loss and Grief Processes (3-0-3 | 6 ECTS)**

The aim of the course makes students be aware and prepared for grief and loss related difficulties which they may confront in their private and professional life. This course contains loss and grief related concepts and theories. Theories of pioneers such as Kubler Ross, Worden, Rando and Wolfelt are reviewed. In this context, the meaning of loss and grief, varying rituals due to socio-economic

and socio-cultural factors, protective factors during grieving, coping with loss, resistance and case studies are discussed.

### **PSY465 Trauma Psychology (3-0-3 | 6 ECTS)**

In this course students acquire the knowledge of psychological trauma, traumatic experiences and how individuals may be affected by traumatic experiences. Another important purpose of the course is to teach theories of psychological trauma. The topics that will be covered through the course as follows: Theories of psychological trauma, prevalence of traumatic stress, biological bases of traumatic stress reactions, psychological risk factors, Acute Stress Disorder, Post-Traumatic Stress Disorder, post-traumatic growth, natural disasters and trauma.

### **PSY466 Psycho-Oncology (3-0-3 | 6 ECTS)**

This course aims to provide detailed information in the field of health psychology and psycho-oncology. Within the scope of this course, students acquire basic information about health psychology and then have information about the effects of a cancer diagnosis on patients and their relatives. At the end of the course, students get an idea about how to cope with the stress and psychological problems experienced by patients after a cancer diagnosis.

### **PSY490 Industrial and Organizational Psychology (3-0-3 | 6 ECTS)**

In this course, organization theory, learning organizations, leadership approaches, individual and group decision-making methods, deviant behaviors in organizations, communication and conflict, crisis and crisis intervention in organizations are studied.

### **PSY491 Traffic Psychology (3-0-3 | 6 ECTS)**

In this course, students have knowledge of human factor and elements that affect human behavior in traffic. How safer driver behavior can be achieved, how accidents can be prevented, and how traffic safety can be ensured are the main aims of this course. In this context, attention and perception problems, and substance use and traffic topics are covered in this course. Developing measurement tools to test and evaluate driver behavior, skills, and attitudes and rehabilitation and education of the drivers are also covered.

### **PSY492 Sports Psychology (3-0-3 | 6 ECTS)**

The course will provide an overview of the field of Sports Psychology, which involves applying psychological science to sports. Topics will cover how Sports Psychologists assist athletes and teams in setting and achieving sports, fitness, and exercise goals. Topics will include theoretical foundations of behavior, psychological interventions for performance problems, adherence and maintenance of gains, and the impaired athlete.

### **PSY493 Psychology of Refugees (3-0-3 | 6 ECTS)**

The purpose of this course is to give a psychological point of view to students about the asylum seekers and refugees. The related course topics will be handled in the light of multiculturalism

approach. The topics that will be covered through the course as follows: Introduction to refugee psychology, basic concepts and status of immigrants, the causes of refugee movements, mental health issues, trauma and coping, effects of stereotype, prejudice and discrimination, development related at-risk groups (children, unaccompanied minors etc), gender roles related at-risk groups (women, LGBTs and the like), health and education issues, social integration and adaptation, basic principles of working with refugees, multiculturalism in practice and research synthesis.