

Allied Healthcare Program
Department of Psychology

COURSE TITLE: FOUNDATIONS OF PSYCHOLOGY

COURSE CODE: 20BSHPSY1C01

Program Name: BSc. H Psychology

Introduces the students to the basics of Human Psychology, which is the fundamental basis for psychological practices.

Parameter	Need
Global	3
National	4
Regional	1
Local	1, 5

Program Outcomes (POs):

- PO4. Ability to identify psychological states in individuals and groups using defined criteria and experimental findings
- PO5. Ability to understand and analyze the state of mental health in individuals and assess their extent and degree of disability

Program Specific Outcomes (PSOs):

- PSO1. Demonstrate sound understanding of the brain, its functions, and its relation to other parts of the body.
- PSO2: Demonstrate skills for diagnosing mental states and abilities using pertinent experiments and communication.

Course Outcomes (COs):

- CO1: To understand the real nuances of psychology with a brief historical sketch of the science of psychology and a glimpse into the methods used in the study of human behavior
- CO2: To examine different methods employed in the study of human behavior and the recent trends in psychology.
- CO3: To develop a strong theoretical foundation in the basic aspects of human behavior and to apply the principles of psychology in replicating and demonstrating various famous psychology experiments
- CO4: To apply fundamental psychological processes and research methods involved in studying personality
- CO5: To explore fundamental processes underlying human behavior and to examine various perspectives in psychology and take positions based on their understanding

COURSE TITLE: BIOPSYCHOLOGY-I

COURSE CODE: 20BSHPSY1C02

Program Name: BSc. H Psychology

Introduces the students to the basics of biological aspects of psychology.

Parameter	Need
Global	3
National	4
Regional	1
Local	1, 5

Program Outcomes (POs):

- PO4. Ability to identify psychological states in individuals and groups using defined criteria and experimental findings
- PO5. Ability to understand and analyze the state of mental health in individuals and assess their extent and degree of disability

Program Specific Outcomes (PSOs):

- PSO1. Demonstrate sound understanding of the brain, its functions, and its relation to other parts of the body.
- PSO2: Demonstrate skills for diagnosing mental states and abilities using pertinent experiments and communication.

Course Outcomes (COs):

- CO1: Examine the fundamentals of biological aspects associated to psychological processes.
- CO2: Compare the different methods used in the trending area of behavior genetics
- CO3: Compare the neuronal functions based on its conduction and aspects regarding the synapse and its transmission.
- CO4: Demonstrate the anatomy of the nervous system and distinguish among it based on its functions
- CO5: Evaluate the need and importance of the current research methods used in Biopsychology

COURSE TITLE: RESEARCH AND PSYCHOLOGICAL STATISTICS - I

COURSE CODE: 20BSHPSY1C03

Program Name: BSc. H Psychology

Introduces the students to the basics of research methodology and statistics as used in Psychology

Parameter	Need
Global	3
National	4
Regional	1
Local	1, 5

Program Outcomes (POs):

- PO4. Ability to identify psychological states in individuals and groups using defined criteria and experimental findings
- PO5. Ability to understand and analyze the state of mental health in individuals and assess their extent and degree of disability

Program Specific Outcomes (PSOs):

- PSO1. Demonstrate sound understanding of the brain, its functions, and its relation to other parts of the body.
- PSO2: Demonstrate skills for diagnosing mental states and abilities using pertinent experiments and communication.

Course Outcomes (COs):

- CO1: discuss the fundamentals of scientific research and the ethical aspects involved in scientific investigations among humans and animals.
- CO2: demonstrate scientific investigative skills, including skills of independent investigation of psychology-related issues and problems.
- CO3: compare various measurement, scaling methods and various psychological tests.
- CO4: analyze and present descriptive statistics.
- CO5: apply the measures of central tendency and variability, and examine the application in distribution of data.

COURSE TITLE: INTRODUCTION TO COGNITIVE PROCESSES

COURSE CODE: 20BSHPSY2C01

Program Name: BSc. H Psychology

Introduces the students to the basics of human intelligence and reasoning ability

Parameter	Need
Global	3
National	4
Regional	1
Local	1, 5

Program Outcomes (POs):

- PO4. Ability to identify psychological states in individuals and groups using defined criteria and experimental findings
- PO5. Ability to understand and analyze the state of mental health in individuals and assess their extent and degree of disability

Program Specific Outcomes (PSOs):

- PSO1. Demonstrate sound understanding of the brain, its functions, and its relation to other parts of the body.
- PSO2: Demonstrate skills for diagnosing mental states and abilities using pertinent experiments and communication.

Course Outcomes (COs):

- CO1: Develop a core competency in the area of cognitive psychology, focusing on topics such as attention and perception.
- CO2: To be able to comprehend different theoretical approaches in learning, memory and forgetting and how the human brain interprets and manipulates information
- CO3: Acquire skills to identify and apply knowledge of thinking, reasoning and decision making.
- CO4: Evaluate different theoretical approaches to intelligence.
- CO5: Develop effective problem analysis and creative thinking skills and knowledge which helps to enhance higher order thinking and solving day to day life problems.

COURSE TITLE: BIOPSYCHOLOGY - II

COURSE CODE: 20BSHPSY2C02

Program Name: BSc. H Psychology

Introduces the students to more advanced concepts in the biological aspects of psychology

Parameter	Need
Global	3
National	4
Regional	1
Local	1, 5

Program Outcomes (POs):

- PO4. Ability to identify psychological states in individuals and groups using defined criteria and experimental findings
- PO5. Ability to understand and analyze the state of mental health in individuals and assess their extent and degree of disability

Program Specific Outcomes (PSOs):

- PSO1. Demonstrate sound understanding of the brain, its functions, and its relation to other parts of the body.
- PSO2: Demonstrate skills for diagnosing mental states and abilities using pertinent experiments and communication.

Course Outcomes (COs):

- CO1: Examine the fundamentals of sensory systems-anatomy and associated brain areas
- CO2: Explore the sensorimotor system and related brain areas
- CO3: Analyze the importance of neuroendocrine system and its physiological and psychological effects
- CO4: Demonstrate the internal regulatory systems such as temperature, hunger, thirst and its brain areas
- CO5: Developing a conceptual understanding about the circadian rhythms

COURSE TITLE: DEVELOPMENTAL PSYCHOLOGY

COURSE CODE: 20BSHPSY3C01

Program Name: BSc. H Psychology

Introduces the students to the developmental stages of human psychology.

Parameter	Need
Global	3
National	4
Regional	1
Local	1, 5

Program Outcomes (POs):

- PO4. Ability to identify psychological states in individuals and groups using defined criteria and experimental findings
- PO5. Ability to understand and analyze the state of mental health in individuals and assess their extent and degree of disability

Program Specific Outcomes (PSOs):

- PSO1. Demonstrate sound understanding of the brain, its functions, and its relation to other parts of the body.
- PSO2: Demonstrate skills for diagnosing mental states and abilities using pertinent experiments and communication.

Course Outcomes (COs):

- CO1: Understand the meaning and significant facts about development.
- CO2: Familiarize students with basic strategies and research designs used in developmental psychology.
- CO3: Explain the biological foundations of development and theories associated with development.
- CO4: Understand the various aspects of development during infancy, childhood and adolescence I.
- CO5: Understand the various aspects of development during infancy, childhood and adolescence II
- CO6: Explain the different theories related to stages like **young, middle, late adulthood and death.**

COURSE TITLE: FUNDAMENTALS OF BRAIN AND BEHAVIOR

COURSE CODE: 20BSHPSY3C02

Program Name: BSc. H Psychology

Introduces the students to the basics structure and functions of the human brain.

Parameter	Need
Global	3
National	4
Regional	1
Local	1, 5

Program Outcomes (POs):

- PO4. Ability to identify psychological states in individuals and groups using defined criteria and experimental findings
- PO5. Ability to understand and analyze the state of mental health in individuals and assess their extent and degree of disability

Program Specific Outcomes (PSOs):

- PSO1. Demonstrate sound understanding of the brain, its functions, and its relation to other parts of the body.
- PSO2: Demonstrate skills for diagnosing mental states and abilities using pertinent experiments and communication.

Course Outcomes (COs):

- CO1: Examine the fundamentals and brain areas associated with learning and memory.
- CO2: Evaluate different emotions- its response, expression and feeling from neurological perspective
- CO3: Analyze the brain areas responsible for communication, speech production and comprehension.
- CO4: Demonstrate the effects of stress on immune system and brain.
- CO5: Explore the causal factors and differences formed in the brain due to psychiatric disorders

COURSE TITLE: FORENSIC PSYCHOLOGY

COURSE CODE: 20BSHPSY6C03

Program Name: BSc. H Psychology

Introduces the students to the uses of psychology in forensic cases

Parameter	Need
Global	3
National	4
Regional	1
Local	1, 5

Program Outcomes (POs):

- PO4. Ability to identify psychological states in individuals and groups using defined criteria and experimental findings
- PO5. Ability to understand and analyze the state of mental health in individuals and assess their extent and degree of disability

Program Specific Outcomes (PSOs):

- PSO1. Demonstrate sound understanding of the brain, its functions, and its relation to other parts of the body.
- PSO2: Demonstrate skills for diagnosing mental states and abilities using pertinent experiments and communication.

Course Outcomes (COs):

- CO1: Recognize forensic psychology as a distinct field within the discipline of psychology and understand its historical roots and scope.
- CO2: Discuss the ethical issues in forensic psychology.
- CO3: Apply psychological principles in preparation of forensic reports and examination in the court of law and criminal justice system.
- CO4: Analyse key issues in forensic psychology including eyewitness testimony and false confession.
- CO5: Summarize the profile analysis I.
- CO6: Discuss the characteristic nature of police psychology, various interviewing techniques and the role of stress on police work.

COURSE TITLE: SOCIAL PSYCHOLOGY

COURSE CODE: 20BSHPSY4C01

Program Name: BSc. H Psychology

Introduces the students to the basics of psychology as applied to social circumstances

Parameter	Need
Global	3

National	4
Regional	1
Local	1, 5

Program Outcomes (POs):

- PO4. Ability to identify psychological states in individuals and groups using defined criteria and experimental findings
- PO5. Ability to understand and analyze the state of mental health in individuals and assess their extent and degree of disability

Program Specific Outcomes (PSOs):

- PSO1. Demonstrate sound understanding of the brain, its functions, and its relation to other parts of the body.
- PSO2: Demonstrate skills for diagnosing mental states and abilities using pertinent experiments and communication.

Course Outcomes (COs):

- CO1: Understand the scope and different research methods used in social psychology .
- CO2: Evaluate the importance of self in social world.
- CO3: Analyze and understand the basic concepts and its dimensions in the social world.
- CO4: Demonstrate the problems in social world with the help of related experiments.
- CO5: Explore the causal factors related to the problems in the social world.

COURSE TITLE: ENVIRONMENTAL PSYCHOLOGY

COURSE CODE: 20BSHPSY5C03

Program Name: BSc. H Psychology

Introduces the students to the influence of environmental factors on human psychology

Parameter	Need
Global	3
National	4
Regional	1
Local	1, 5

Program Outcomes (POs):

- PO4. Ability to identify psychological states in individuals and groups using defined criteria and experimental findings
- PO5. Ability to understand and analyze the state of mental health in individuals and assess their extent and degree of disability

Program Specific Outcomes (PSOs):

- PSO1. Demonstrate sound understanding of the brain, its functions, and its relation to other parts of the body.
- PSO2: Demonstrate skills for diagnosing mental states and abilities using pertinent experiments and communication.

Course Outcomes (COs):

- CO1: recognize environmental psychology as a distinct field within the discipline of psychology and understand its historical roots, scope, and characteristics.
- CO2: discuss the influence of environment on our Cognition, Emotions and behavior.
- CO3: evaluate environmental behaviors and apply key theories of people-nature relationship in the field of environmental psychology while designing behavioral interventions to minimize the adverse effects of anti-environment behavior.
- CO4: determine the impact of climate change on psycho-social health and well-being and the influential role of psychologist.
- CO5: examine the processes related to environmental sustainability and evaluate environmental interventions.
- CO6: explain the future directions and trends in environmental psychology.

COURSE TITLE: HEALTH PSYCHOLOGY

COURSE CODE: 20BSHPSY6C04

Program Name: BSc. H Psychology

Introduces the students to the health factors that influence human psychology

Parameter	Need
Global	3
National	4
Regional	1
Local	1, 5

Program Outcomes (POs):

- PO4. Ability to identify psychological states in individuals and groups using defined criteria and experimental findings
- PO5. Ability to understand and analyze the state of mental health in individuals and assess their extent and degree of disability

Program Specific Outcomes (PSOs):

- PSO1. Demonstrate sound understanding of the brain, its functions, and its relation to other parts of the body.
- PSO2: Demonstrate skills for diagnosing mental states and abilities using pertinent experiments and communication.

Course Outcomes (COs):

- CO1: Understand and describe the models and theories that are used to explain health risk and health-enhancing behaviors.
- CO2: Gain awareness on health compromising and health enhancing behaviors.
- CO3: Understand the importance of pain, and the impact of stress on health and well being
- CO4: Able to appreciate the role of psychology in improving mental health and wellbeing.
- CO5: Identify and analyze the chronic illness and its management

COURSE TITLE: LIFE SKILLS DEVELOPMENT

COURSE CODE: 20BSHPSY4C01P

Program Name: BSc. H Psychology

Introduces the students to the basics of essential life skills for mental health

Parameter	Need
Global	3
National	4
Regional	1
Local	1, 5

Program Outcomes (POs):

- PO4. Ability to identify psychological states in individuals and groups using defined criteria and experimental findings

- PO5. Ability to understand and analyze the state of mental health in individuals and assess their extent and degree of disability

Program Specific Outcomes (PSOs):

- PSO1. Demonstrate sound understanding of the brain, its functions, and its relation to other parts of the body.
- PSO2: Demonstrate skills for diagnosing mental states and abilities using pertinent experiments and communication.

Course Outcomes (COs):

- CO1: Define and identify different life skills required in personal and professional life.
- CO2: Explain the basic mechanics of effective verbal and nonverbal communication in daily life and professional practice.
- CO3: Develop an awareness on emotion and stress.
- CO4: Apply the techniques to cope with emotion and stress.
- CO5: Understand the framework of leadership and teamwork.
- CO6: Discuss the importance of human values in life.

COURSE TITLE: Human Rights and Social Justice

COURSE CODE: 20BSHPSY4C01P

Program Name: BSc. H Psychology

Introduces the students to the basics of human rights and social justice from a psychological perspective

Parameter	Need
Global	3
National	4
Regional	1
Local	1, 5

Program Outcomes (POs):

- PO4. Ability to identify psychological states in individuals and groups using defined criteria and experimental findings
- PO5. Ability to understand and analyze the state of mental health in individuals and assess their extent and degree of disability

Program Specific Outcomes (PSOs):

- PSO1. Demonstrate sound understanding of the brain, its functions, and its relation to other parts of the body.
- PSO2: Demonstrate skills for diagnosing mental states and abilities using pertinent experiments and communication.

Course Outcomes (COs):

- CO1: Discuss the meaning, scope and origin of Human rights and social values
- CO2: Analyze the Universal norms of human rights and the international Instruments for protection of Human Rights
- CO3: Analyze the regional and National protection of Human Rights
- CO4: To understand the human rights issues specific to vulnerable groups and analyze the laws for protection of such groups
- CO5: To identify and analyse the challenges specific to India in achieving social justice and the role of various bodies in
- securing human rights and social justice