

B.A Psychology

12 core courses + 3 elective courses

Total Major Course Credits: 60

Minor Credits: 24

Psychology is the science of human behaviour and mental processes, which use scientific methods to describe, predict, understand, and explain human behaviour. Psychology is a versatile major. As a psychology major, you will explore the human psyche and the connections between how we think, feel, and behave. This discipline encompasses all of the many different factors that affect human thoughts, feelings, behaviour and development. It provides students with a strong foundation for postgraduate education in psychology and can serve as excellent background to prepare them for further training in such fields as law, education, government and public policy, business, and many of the health-related professions. Psychology has many practical applications, including identifying the most effective ways to learn and remember things, designing workplaces for employees that are healthy and productive, treating disorders like depression and anxiety. The breadth of coverage in this discipline provides you with the background to face many different challenges in the world today that require an understanding of human behaviour. It also gives you a perspective on why you are who you are, and helps you discover who you want to become. You will learn how to promote emotional and mental health – both within ourselves and with others.

Semester	Course Code	Course	Credit	Minor Subject	Cognitive Science Major
3	SP2401	Development of Psychological Thought	4	✓	✓
3	SP2402	Introduction to Social Psychology	4		
3	SP2403	Research Methods and Statistics I	4	✓	
3	SP2404	Understanding Psychological Disorders	4		✓
4	SP2405	Lifespan Development	4		✓
4	SP2406	Biological Basis of Behaviour	4	✓	

4	SP2407	Theories of Personality	4	✓	✓
4	SP2408	Fundamentals of Cognitive Psychology	4		
5	SP2409	Psychological Assessment	4		
5	SP2410	Applied Social Psychology	4		
5	SP2411	Elective 1	4	✓	✓
5	SP2412	Elective 2	4		
6	SP2413	Research Methods and Statistics II	4		
6	SP2414	Experimental Psychology	4		
6	SP2415	Elective 3	4	✓	✓

List of Electives

1. Psychology at Workplace
2. Engineering Psychology
3. Counselling Skills
4. Positive Psychology
5. Health Psychology
6. Cognitive Neuroscience

SP2401 Development of Psychological Thought

4 credits

This course is designed to provide psychology students an opportunity to reflect upon the field as a whole - specifically to understand the history of the profession and evolution of ideas over time. The course will review areas that currently define the study of psychology, and explore older ideas that are no longer current, those ideas that are still relevant, and areas that are likely to be important in the future. Students will examine major philosophical approaches that informed the questions and methods of psychologists, including the classical systems and schools of psychology, and will review some of the major empirical findings and theories that have influenced the directions of research. Students will be encouraged to critically examine the ways by which psychologists have

written their own history and to consider how intellectual and cultural contexts may have shaped their interpretation of this history.

SP2402 Introduction to Social Psychology

4 credits (3+1)

Why do people behave the way they do? This is the fundamental question that drives social psychology. Through reading, lecture, and interactive discussion, students have the opportunity to explore and think critically about a variety of exciting issues including: what causes us to like, love, help, or hurt others; the effects of social influence and persuasion on individual thoughts, emotion, and behaviour; and how the lessons of social psychology can be applied in contexts such as health, work, and relationships. The social forces studied in the class shape our behaviour, though their operation cannot be seen directly. A central idea of this class is that awareness of these forces allows us to make choices in light of them, offering us more agency and wisdom in our everyday lives

1 credit: Practical: Locus of Control, Measurement of Attitude, Sociometric status

SP2403 Research Methods and Statistics in Psychology I

4 Credits

The aim of this course is to introduce students to quantitative and qualitative research approaches used in psychological research. It will outline and examine the components of research designs and methodologies, and explore the fundamental principles and techniques of statistical analysis. Statistical portion includes computing, and interpreting measures of central tendency, variability, and association. Estimation, confidence intervals, tests of hypotheses, t- tests, correlation, analysis of variance and chi-square tests.

SP2404 Understanding Psychological Disorders

4 Credits

It is the study of different types of maladaptive behaviour, including symptoms, development, classification, and treatment. The course will cover a range of topics from Issues in defining Normality and Abnormality; diagnosis and classification; nature of clinical assessment, psychotic disorders, mood disorders, personality disorders, disorders of childhood to gender dysphoria.

SP2405 Lifespan Development

4 credits

The course aims to impart pupils an understanding of the various domains of human development and inculcate sensitivity to socio-cultural context of human development. Students will be exposed to topics such as theoretical perspectives of development, stages of development (prenatal to old age), Piaget and Vygotsky's cognitive development, Moral development by Kohlberg along with sociocultural context of development such as family, peers and media.

SP2406 Biological Basis of Behaviour

4 Credits

This course will make students understand the biological bases of human behaviour, its nature and scope, developing critical thinking to use scientific techniques for biological psychology and developing an awareness of ethical issues accompanying them. At the end of the course students will have basic knowledge about the structures of the human brain, their functions and impact on

human behaviour. Additionally, students will also realize the importance of hormones in behaviour, cognition and emotion. Sample topics include organization of the nervous system, neuroendocrine system and functions of the brain.

SP2407 Theories of Personality

4 Credits

An introduction to the scientific study of personality development with emphasis on the normal. Examines the nature of personality theory, methods of assessment and research, and the major theories representative of the following orientations: type-trait, psychodynamic, phenomenological, cognitive, and learning.

SP2408 Fundamentals of Cognitive Psychology

4 Credits (3L+1P)

Cognitive psychology is the study of how we sense and interpret information from the world around us, incorporate this new information with our prior experiences, and determine how to respond to an ever- changing environment. While the main purpose of this course is to introduce learners to the scientific study of the mind, students will also begin to understand the central role cognition plays in our everyday lives. The course will proceed in three distinct modules: Attention and Perception, Learning and Memory, and Higher Cognitive Function. Each module will end with a module exam and there will be a cumulative final exam. Written work will include both formal and informal writing assignments.

SP2409 Psychological Assessment

4 Credits (3+1)

The aim of this course is to equip students with the foundation of knowledge and practical skills for analyzing and interpreting psychometric concepts and testing results. This course focuses on the following areas: 1. the paradigms in psychological testing and research and data convergence 2. The principles of reliability and validity, validation strategies, factor analyses and test fairness analyses; 3. The various forms of assessment; ability, personality, neuropsychological, medical, employment and forensic. Sample topics include Applications and Consequences of Testing, Ethical and Social Implications of Testing, Norms and Test Standardization, Concepts of Reliability, Concepts of Validity, Theories and Individual Tests of Intelligence and Achievement, Test Bias and Other Controversies and many more.

SP2410 Applied Social Psychology

4 Credits

The course focuses on various challenges that social psychology can help to address. Examples of such challenges are promoting behaviour change, well-being, managing diversity, increasing justice and cooperation, or understanding social change. The concrete topics that will be examined can vary. Social psychological research has discovered basic human tendencies, like the tendency to conform to social norms, and has also produced a vast array of applied studies that help addressing urgent topics from a social-psychological perspective. Applied Social Psychology helps students apply basic principles from social psychology to their field of interest, and to find, understand, interpret and use more specialized, applied research findings.

SP2411 Elective 1
SP2412 Elective 2

SP2413 Research Methods and Statistics II
4 Credits

This course aims at equipping students with the necessary knowledge and skill to complete independent research. Throughout the course, conceptual, methodological and design considerations are integrated with statistical techniques. Students are trained to be consumers and users of research method and statistics. They will engage in advanced topics including multivariate regression analysis, mediation and moderation analysis, as well as intensive longitudinal study. Contemporary issues such as the open science framework and “new statistics” will also be introduced.

SP 2414 Experimental Psychology
4 Credits (3+1)

The semester-long course sequence prepares students to critically evaluate empirical research in psychology and to design, conduct, and present original research projects. Course topics cover literature reviews, development of testable hypotheses, research design concepts, statistical procedures relevant to behavioural research, data collection techniques, interpretation and evaluation of research findings, and ethical issues in research. The research topics may be in diverse areas such as learning, cognitive processes, and social and organizational behaviour. The original research proposals are developed in this course. Course topics will be in diverse areas such as learning, cognitive processes, and social and organizational behaviour.

1 Credit: Practical: Muller Lyer Illusion, Serial Recall, Depth Perception, Tachistoscope, Maze Learning, Word Superiority

SP2415 Elective 3