

M.A. / M.Sc. in Psychology
Course Objectives and Course Outcomes
Department of Psychology, Loreto College

SEMESTER 1

| MODULE | COURSE | | Course Objectives | Course Outcomes |
|--------|---------------|---|---|---|
| 1 | Core Course 1 | Cognitive Psychology | <p>This course explores key topics in cognitive psychology, including theories of attention (selection, resource allocation, divided attention), early vs. late selection models, and cueing experiments. It covers memory models, particularly working memory, signal detection theory, linguistic processing, deception detection, and mental imagery. Objectives include understanding cognitive processes, analyzing experimental research, and applying principles to real-world contexts.</p> | <p>The course outcomes include developing a deep understanding of attention theories (selection, resource allocation, divided attention), evaluating early versus late selection models, and analyzing cueing and selective filtering experiments. Students will grasp memory models, working memory, and signal detection theory. They'll explore linguistic processes, deception detection, and imagery, applying cognitive principles to enhance real-world problem-solving and critical thinking.</p> |
| 2 | Core Course 2 | Quantitative Research Methods in Psychology | <p>The course objectives include mastering various research designs in psychology, analyzing and interpreting nominal data, and applying non-parametric statistical methods. Students will learn the steps of inferential statistics, including hypothesis testing, and develop proficiency in factorial ANOVA to examine complex interactions between multiple independent variables. The course aims to enhance statistical literacy for evaluating psychological research.</p> | <p>The course outcomes include understanding various research designs in psychology, effectively analyzing and interpreting nominal data, and applying non-parametric statistics. Students will learn the steps of inferential statistics, including hypothesis testing and confidence intervals. Additionally, they will gain expertise in factorial ANOVA, enabling them to analyze complex data involving multiple independent variables and interpret research findings accurately.</p> |
| 3 | Core Course 3 | Qualitative Research Methods in Psychology | <p>The course objectives include understanding key historical moments and ethical issues in qualitative research, focusing on trustworthiness and rigor. Students will explore various sampling techniques and methods for data generation, such as observations and interviews. They will learn how to construct semi-structured interviews, ensuring effective data collection and analysis to enhance understanding of psychological phenomena in qualitative research.</p> | <p>The course outcomes include understanding the historical evolution of qualitative research, addressing ethical issues, and ensuring trustworthiness in studies. Students will gain expertise in sampling techniques and various data generation methods, such as interviews and observations. They will also be able to design and construct semi-structured interviews, effectively collecting qualitative data for psychological research.</p> |

SEMESTER 1

| MODULE | COURSE | | Course Objectives | Course Outcomes |
|---------------|---------------|--------------|--|---|
| 4 | Core Course 4 | Practical I | <p>The course objectives include providing students with practical experience in conducting laboratory experiments on attention, memory, and decision-making. Additionally, students will design and execute field experiments focused on social influence. The course aims to enhance skills in experimental design, data collection, analysis, and interpretation, fostering a deeper understanding of psychological concepts through hands-on research.</p> | <p>The course outcomes include gaining hands-on experience in conducting laboratory experiments on topics such as attention, memory, and decision-making, as well as field experiments focusing on social influence. Students will develop skills in experimental design, data collection, analysis, and interpretation, applying theoretical knowledge to real-world contexts and enhancing their understanding of psychological phenomena through practical research.</p> |
| 5 | Core Course 5 | Practical II | <p>The course objectives include providing hands-on experience with cognitive assessments such as the WAIS, PGI-memory test, Trail Making, and N-back test. Students will learn to administer, score, and interpret these assessments, gaining practical skills in evaluating cognitive abilities. The course aims to enhance understanding of cognitive testing methods and their application in psychological research and practice.</p> | <p>The course outcomes include developing proficiency in administering and interpreting cognitive assessments like WAIS, PGI-memory test, Trail Making, and N-back test. Students will gain practical skills in assessing various cognitive functions, such as memory, attention, and executive functioning. The course will enable students to apply these assessments effectively in psychological research and clinical practice, enhancing their analytical capabilities.</p> |

M.A. / M.Sc. in Psychology
Course Objectives and Course Outcomes
Department of Psychology, Loreto College

SEMESTER 2

| MODULE | COURSE | | Course Objectives | Course Outcomes |
|--------|---------------|--|--|---|
| 6 | Core Course 6 | Behaviour & Biology | <p>The course objectives include exploring theories on the evolution of the human brain, including the social brain hypothesis. Students will investigate the genetic basis of behavior and psychological disorders, and understand the role of endocrine and neurotransmitter systems in cognition, behavior, and stress. The course also aims to provide knowledge of brain lobe functions and to develop skills in using assessments such as ERP, biofeedback, and neuropsychological tools like WAIS and BGT.</p> | <p>The course outcomes include understanding the evolution of the human brain, including theories and the social brain hypothesis. Students will explore the genetic basis of behavior and disorders, and examine the role of endocrine and neurotransmitter systems in cognition, behavior, and stress. Additionally, students will learn about brain lobe functions and gain practical knowledge in assessments like ERP, biofeedback, and neuropsychological aspects of WAIS and BGT for evaluating cognitive and behavioral functions.</p> |
| 7 | Core Course 7 | Developmental theories and Personality | <p>The course objectives include studying advanced perspectives on developmental theories by Piaget, Vygotsky, and Kohlberg. Students will explore the psycho-social aspects of aging and its implications. Additionally, the course will delve into seminal papers on Freud's work and examine various personality theories by Jung, Adler, Klein, Mahler, Dollard-Miller, Kelly, Rollo May, and Frankl, helping students understand the complexities of personality development and its psychological underpinnings.</p> | <p>The course outcomes include gaining an in-depth understanding of advanced perspectives on Piaget, Vygotsky, and Kohlberg's developmental theories. Students will explore the psycho-social correlates of aging and its psychological effects. Additionally, students will critically engage with seminal papers on Freud's work and examine various personality theories by Jung, Adler, Klein, Mahler, Dollard-Miller, Kelly, Rollo May, and Frankl, enhancing their understanding of personality development and its implications in psychology.</p> |

SEMESTER 2

| MODULE | COURSE | | Course Objectives | Course Outcomes |
|--------|----------------|--------------------------------|--|---|
| 8 | Core Course 8 | Social and Cultural Psychology | <p>The course objectives include exploring foundational theories such as Social Identity Theory, Fromm's Theory, and Symbolic Interactionism. Students will examine theories of stigma and aggression, focusing on their social and psychological implications. The course will also address identity and culture through enculturation and acculturation processes. Additionally, students will gain knowledge of indigenous psychological theories and folk psychology, enhancing their understanding of cultural influences on behavior, identity, and social dynamics.</p> | <p>The course outcomes include understanding key concepts like Social Identity Theory, Fromm's Theory, and Symbolic Interactionism. Students will explore theories of stigma and aggression, as well as the impact of identity and culture through enculturation and acculturation processes. Additionally, students will gain insight into indigenous psychological theories and folk psychology, enabling them to critically examine the role of culture and identity in shaping behavior and social dynamics.</p> |
| 9 | Core Course 9 | Practical III | <p>The course objectives include providing students with practical experience in administering and interpreting personality assessments such as the EPQ, 16PF, Rorschach, and TAT. Students will develop skills in evaluating personality traits, understanding projective techniques, and applying these tools in both clinical and research settings. The course aims to enhance students' ability to assess and analyze personality characteristics, fostering a deeper understanding of psychological assessment methods.</p> | <p>Upon completion of the course, students will be able to effectively administer and interpret various personality assessments, including the EPQ, 16PF, Rorschach, and TAT. They will develop proficiency in evaluating personality traits, understanding projective techniques, and applying these tools in clinical and research contexts. Students will gain a comprehensive understanding of psychological assessment methods, enhancing their ability to analyze and assess personality characteristics in diverse settings.</p> |
| 10 | Core Course 10 | Practical IV | <p>The course objectives include teaching students how to effectively conduct qualitative research using interview techniques, including narrative interviews and focus group discussions. Students will learn to design, implement, and analyze these methods to explore participants' perspectives and experiences. The course aims to develop skills in qualitative data collection, enhance understanding of interpretive analysis, and provide hands-on experience in using qualitative methods within psychological research and practice.</p> | <p>The course outcomes include gaining practical experience in conducting qualitative research using methods such as narrative interviews and focus group discussions. Students will learn how to design and conduct these interviews, focusing on effective data collection, analysis, and interpretation. The course will enhance students' ability to explore in-depth perspectives, understand participants' experiences, and apply qualitative techniques to psychological research, promoting critical thinking and methodological skills in qualitative inquiry.</p> |

M.A. / M.Sc. in Psychology
Course Objectives and Course Outcomes
Department of Psychology, Loreto College

SEMESTER 3

| MODULE | COURSE | | Course Objectives | Course Outcomes |
|--------|----------------|---------------------|---|---|
| 6 | Core Course 11 | Clinical Psychology | <p>The course objectives include understanding the classification of psychiatric disorders using the ICD and DSM systems. Students will explore the clinical features of various disorders, including schizophrenia, mood disorders (bipolar, depression), generalized anxiety disorder, phobias, OCD, and dissociative disorders. The course will also provide an overview of personality disorders, focusing on borderline, antisocial, and anankastic personality traits, equipping students with foundational knowledge for clinical assessment and intervention in psychology.</p> | <p>The course outcomes include gaining a thorough understanding of psychiatric disorder classification through the ICD and DSM systems. Students will develop the ability to identify and understand the clinical features of disorders such as schizophrenia, mood disorders, generalized anxiety disorder, phobias, OCD, and dissociative disorders. Additionally, students will gain insight into personality disorders, particularly borderline, antisocial, and anankastic types, enhancing their clinical assessment and diagnostic skills in psychology.</p> |
| 7 | Core Course 12 | Positive Psychology | <p>The course objectives include introducing students to the field of Positive Psychology, emphasizing strength-based development through key concepts such as forgiveness, humor, happiness, gratitude, resilience, and hope. Students will explore positive being and growth, focusing on mindfulness, yogic philosophy, meditation, and Buddhist philosophy. The course aims to foster an understanding of how these practices and strengths contribute to well-being, personal growth, and a fulfilling life.</p> | <p>The course outcomes include gaining a comprehensive understanding of Positive Psychology and its focus on strength-based development, such as forgiveness, humor, happiness, gratitude, and resilience. Students will explore the concepts of positive being and growth, delving into practices like mindfulness, meditation, yogic and Buddhist philosophies. The course aims to enhance students' ability to apply these principles for fostering well-being, personal growth, and a deeper understanding of human flourishing.</p> |

SEMESTER 3

| MODULE | COURSE | | Course Objectives | Course Outcomes |
|---------------|------------------------|--|--|--|
| 8 | Elective Course 1.1 | Clinical Psychology Special Practical I | The course objectives include developing skills in conducting case history interviews, performing Mental Status Examinations (MSE), and making behavioral observations. Students will also gain proficiency in administering psychometric assessments, including selecting appropriate tools for diagnosis and evaluation. The course aims to equip students with practical experience in clinical assessment, enhancing their ability to analyze and interpret psychological data for accurate diagnosis and treatment planning in clinical psychology. | The course outcomes include acquiring practical skills in gathering comprehensive case histories, conducting Mental Status Examinations (MSE), and making accurate behavioral observations. Students will gain proficiency in administering and interpreting psychometric assessments, enhancing their ability to diagnose and assess psychological conditions. The course will prepare students for clinical practice by providing hands-on experience in conducting assessments, improving their diagnostic accuracy, and contributing to effective treatment planning in clinical psychology. |
| 9 | Course 14 CBCC A | General Elective Paper 1 - Human Development | | |
| 10 | Course 15 CBCC B | General Elective Paper 2 - Applied Psychology | | |

M.A. / M.Sc. in Psychology
Course Objectives and Course Outcomes
Department of Psychology, Loreto College

SEMESTER 4

| MODULE | COURSE | | Course Objectives | Course Outcomes |
|--------|--------|--|--|--|
| 11 | EC 2.1 | Clinical Psychology Special Practical II | <p>The course objectives include advancing students' skills in conducting thorough case history interviews, performing detailed Mental Status Examinations (MSE), and making precise behavioral observations. Students will deepen their understanding of psychometric assessments, learning to administer, score, and interpret advanced tools for psychological evaluation. The course aims to enhance diagnostic accuracy, treatment planning, and clinical decision-making, providing students with advanced practical experience in psychological assessment and evaluation within clinical psychology.</p> | <p>The course outcomes include developing advanced skills in gathering comprehensive case histories, conducting detailed Mental Status Examinations (MSE), and making accurate behavioral observations. Students will gain expertise in administering, scoring, and interpreting advanced psychometric assessments, improving their diagnostic and evaluative capabilities. The course will enhance students' clinical judgment and treatment planning skills, equipping them with the tools needed for complex psychological assessments and effective decision-making in clinical settings.</p> |
| 12 | EC 3.1 | Special Theory Clinical I: Psychotherapy | <p>The course objectives include exploring different psychotherapeutic approaches, such as supportive, re-educative, and reconstructive interventions. Students will study various methods of psychotherapy, including psychoanalysis, client-centered therapy, cognitive-behavioral therapy, behavioral therapy, and existential therapy. The course aims to enhance understanding of factors contributing to therapeutic response and critical issues in psychotherapy. Students will also examine current research trends in psychotherapy, improving their ability to apply therapeutic methods effectively in practice.</p> | <p>The course outcomes include gaining an understanding of different psychotherapeutic approaches, such as supportive, re-educative, and reconstructive interventions. Students will develop expertise in methods like psychoanalysis, client-centered therapy, cognitive-behavioral therapy, behavioral therapy, and existential therapy. The course will explore factors influencing therapeutic response and address critical issues in psychotherapy. Students will also engage with current research in psychotherapy, enhancing their ability to apply effective therapeutic techniques and contribute to ongoing advancements in the field.</p> |

SEMESTER 4

| MODULE | COURSE | | Course Objectives | Course Outcomes |
|---------------|----------------|---|---|--|
| 13 | Core Course 13 | Internship/ Dissertation (as per choice of students) [This paper is independent of Elective Special Course] | <p>The course objectives aim to provide students with practical experience through an internship or dissertation, depending on their choice. The internship will allow students to apply theoretical knowledge in real-world settings, while the dissertation offers an opportunity for in-depth research on a chosen topic. Both options aim to develop critical thinking, research, and professional skills, enabling students to contribute to their field and prepare for future career or academic pursuits.</p> | <p>The course outcomes include the development of practical skills through an internship, where students apply theoretical knowledge in real-world settings, or through a dissertation, where they conduct independent research on a chosen topic. Both options aim to enhance critical thinking, research methodology, and professional competencies. Students will gain valuable experience and insights, preparing them for future academic or career paths while contributing to their field of study.</p> |
| 14 | EC 4.1 | Special Theory Clinical II - Health Psychology & Neuropsychology | <p>The course objectives include understanding key concepts in health psychology, such as diathesis, coping, and illness behavior. Students will explore stress-related disorders like CVD, IBS, diabetes, and obesity, alongside psychological factors like grief and death anxiety. The course will also provide an overview of neuropsychology, focusing on the language and memory-emotion networks. Additionally, students will study neurocognitive disorders, including epilepsy, Alzheimer's, and fronto-temporal dementia, to understand their psychological and neurological impacts.</p> | <p>The course outcomes include gaining an understanding of key concepts in health psychology, such as diathesis, coping, and illness behavior, and how they relate to stress-related disorders like CVD, IBS, diabetes, and obesity. Students will develop insights into neuropsychology, including the language and memory-emotion networks. The course will also enhance understanding of neurocognitive disorders, including epilepsy, Alzheimer's, and fronto-temporal dementia, equipping students with knowledge of psychological and neurological implications for clinical practice.</p> |

SEMESTER 4

| MODULE | COURSE | | Course Objectives | Course Outcomes |
|---------------|---------------|---|---|---|
| 15 | EC 5.1 | Special Clinical Theory III - Forensic Psychology | <p>The course objectives include understanding the definition and role of forensic psychology, including guidelines for psychologists in the field. Students will explore the biopsychosocial perspective, child custody evaluations, and the role of collateral information. The course will cover crowd scanning, facial recognition technologies, and criminal behavior profiling, including the use of psychological and neuropsychological assessments. Additionally, students will study forensic psychological rehabilitation models like the risk-need responsivity model, good lives model, and therapeutic jurisprudence, focusing on offender rehabilitation and case presentations.</p> | <p>The course outcomes include gaining a comprehensive understanding of forensic psychology, including its definition, guidelines, and the role of psychologists in legal settings. Students will learn about child custody evaluations, crowd scanning technologies, and criminal behavior profiling. The course will enhance skills in psychological assessments, neuropsychological testing, and various forensic techniques. Students will also explore forensic psychological rehabilitation models, focusing on offender rehabilitation and case presentations, with a focus on risk, need, and therapeutic approaches.</p> |