



**JORDAN UNIVERSITY of SCIENCE &
TECHNOLOGY**

FACULTY OF APPLIED MEDICAL SCIENCES

**CURRICULUM FOR THE BACHELOR'S
DEGREE**

IN

CLINICAL PSYCHOLOGY

2025

About the Program

A bachelor's degree in clinical psychology is a pioneering program aimed at training specialists to provide accurate psychological assessments and effective treatment, with a focus on mental health through evidence-based practices. It addresses the gap in mental healthcare in the Kingdom, especially with the increasing demand following the COVID-19 pandemic. This program enhances the integration of healthcare services and prepares professionals to support psychiatrists and work within multidisciplinary teams, solidifying Jordan's position as a regional hub for education and training in mental health.

Vision

The vision of the Clinical Psychology Department is to lead through academic and research excellence, and to graduate distinguished leaders who are both academically and practically qualified to work in the diverse fields of clinical psychology. This includes providing innovative psychological assessment, therapy, and intervention, promoting mental health and well-being, and fostering the next generation of clinical psychologists capable of contributing meaningfully to healthcare, research, and community services on a local and global scale.

Mission

In line with the mission of the Jordan University of Science and Technology and the College of Applied Medical Sciences, the mission of the Allied Medical Sciences Department came to be a pioneer in developing various allied medical sciences by keeping pace with the scientific progress witnessed in the medical arena to graduate qualified competencies to meet the emerging needs in the fields of allied medical sciences and to contribute to the development and service of the community.

Objectives

- 1- Equip students with essential skills to perform psychological assessments and diagnose mental health conditions.
- 2- Develop proficiency in delivering a range of therapeutic interventions, with a strong emphasis on Cognitive Behaviour Therapy (CBT), Dialectical Behaviour Therapy (DBT)
- 3- Foster effective collaboration within multidisciplinary teams to ensure comprehensive mental health care.
- 4- Promote the use of evidence-based practices in mental health treatment through thorough knowledge of research methodologies and clinical practices.
- 5- Enhance advanced communication and interpersonal skills for effective liaison with patients, families, and health professionals.
- 6- Install a deep understanding of legal and ethical standards governing psychological practice, including relevant legislation.
- 7- Prepare students to competently fulfil diverse clinical roles, such as clinicians, group facilitators, consultants, and educators.
- 8- Engage students in psychological research, emphasizing the importance of evidence-based practice and continuous professional development.
- 9- Provide practical experience through supervised fieldwork, applying theoretical knowledge to real-world clinical settings.
- 10- Ensure graduates have a comprehensive understanding of core concepts, theories, and empirical findings in clinical psychology.

Outcomes

- . Healthcare Facilities:
 - ? Hospitals and Clinics: Provide psychological assessments, therapy, and counseling services to patients.
 - ? Mental Health Centres: Offer specialized care for individuals with mental health disorders.
- 2. Educational Institutions:
 - ? Schools and Universities: Serve as counsellors or academic advisors, supporting students' mental well-being and



academic progress.

3. Non-Governmental Organizations (NGOs):

? Work with organizations focusing on mental health, refugee support, or community development, providing counseling and support services.

4. Private Practice:

? Establish your own clinic to offer therapy and counseling services to individuals and groups.

5. Research and Academia:

? Engage in research projects or teach at universities, contributing to the advancement of psychological sciences.



The University Codes are as follows:

Code	Department
MED	DOCTOR OF MEDICINE (MD)
HSS	BASIC SCIENCES AND HUMANITIES
LM	ALLIED MEDICAL SCIENCES
P.T	PHYSICAL THERAPY
O.T	OCCUPATIONAL THERAPY
RTH	Respiratory Therapy
CPY	Clinical Psychology
PARA	PARAMEDICS
PHMD	DOCTOR OF PHARMACY (PHARM D.)
ADS	ALLIED DENTAL SCIENCES
NUR	NURSING
BT	BIOTECHNOLOGY & GENETIC ENGINEERING
PH	PUBLIC HEALTH

Study Plan of The Bachelor's Degree in Clinical Psychology

The Bachelor's Degree in Clinical Psychology is awarded from Department of Rehabilitation Sciences at the FACULTY OF APPLIED MEDICAL SCIENCES in Jordan University of Science & Technology (JUST) after the successful completion of 132 credit hours distributed as shown in the following table:

Requirements	Credit Hours		
	Compulsory Hours	Elective Hours	Total
University Requirements	16	9	25
Faculty Requirements	20	0	20
Specialization Requirements	87	0	87
Total	123	9	132

After fulfilling the requirements stipulated in the instructions for granting a Bachelor's degree (revised edition) at the Jordan university of Science and Technology issued by the Dean's Council abiding by the regulation concerned with issuing scientific degrees and diplomas at the Jordan university of Science and Technology for 1987.



Firstly: University Requirements

Allocated to it (25 CHs) as stipulated in the instructions for granting a bachelor's degree, distributed as follows:

- a. Compulsory Requirements (16 CHs)
- b. Elective Requirements (9 CHs)

Secondly: Faculty Requirements

Allocated to it (20 CHs) Compulsory as shown in the following table:

Course Number	Course Title	Credit Hours	Hrs Distribution		Prerequisite/Concurrent
			Theoritic	Lab	
HSS103BT	General Biology	3	3	0	
HSS107BT	General Biology Laboratory	1	0	3	(HSS103BT OR Concurrent).
HSS218P.T	Gross Anatomy & Histology	2	2	0	HSS103BT. (HSS107BT OR Concurrent).
HSS220P.T	Gross Anatomy and Histology (Lab)	1	0	2	Concurrent with HSS218P.T.
HSS221	Introduction to Psychology (In English)	3	3	0	
HSS230 MED	Human Physiology	3	3	0	HSS103BT.
HSS230MED	Human Physiology (Lab)	1	0	2	(HSS230 MED OR Concurrent).
HSS311PH	Biostatistics	2	2	0	
HSS391PARA	Ethics in Applied Medical Careers	1	1	0	
HSS491ADS	Administration and Quality Assurance in Applied Medical Sciences	3	3	0	



Thirdly: Specialization Requirements

Allocated to it (87 CHs) Compulsory as shown in the following table:

Course Number	Course Title	Credit Hours	Hrs Distribution		Prerequisite/Concurrent
			Theoretic	Lab	
MED226	Neuroscience (1)	2	2	0	
PARA208	Psychology and Sociology for Paramedic Students	2	2	0	
PHMD441	Therapeutics: Neurological and Psychiatric Disorders	2	2	0	
NUR252	Growth and Development	3	3	0	
NUR431	Mental Health Nursing (Theory)	3	0	0	
HSS491LM	Scientific Research Methods	1	1	0	(HSS311PH OR Concurrent).
HSS499LM	Graduation Project	3	0	0	(HSS491LM OR Concurrent).
O.T335	Psychosocial Counselling and Group Therapy	2	2	0	
O.T337	Psychosocial Counselling and Group Therapy Practical	1	0	2	(O.T335 OR Concurrent).
RTH303	Research in Respiratory Therapy	3	3	0	HSS391PARA.
CPY211	Introduction to Clinical Psychology	1	1	0	HSS221.
CPY213	Mental Disorders	2	2	0	Concurrent with CPY211.
CPY215	Introduction to Clinical Interview	2	2	0	Concurrent with CPY213.
CPY217	Introduction to Clinical Interview - Lab	1	0	2	Concurrent with CPY215.
CPY219	Clinical Assessment Techniques-Lab	2	0	4	
CPY222	Introduction to Clinical Psychology- Lab	2	0	4	
CPY224	Clinical Neuroscience	3	0	6	
CPY225	Sychopathology	1	1	0	CPY213.
CPY226	Clinical Psychology 1 -Lab	3	0	6	
CPY227	Psychopathology- Lab	2	0	4	
CPY233	Family and Couples Therapy	2	2	0	
CPY311	Introduction to Personality Assessment	3	3	0	CPY225.
CPY312	Clinical Psychology 2 -Lab	3	0	6	CPY226.
CPY314	Neuropsychology	1	1	0	
CPY315	Tests of Intelligence and Cognitive Abilities	1	1	0	
CPY316	Tests of Intelligence and Cognitive Abilities- Lab	2	0	4	Concurrent with CPY315.
CPY317	Neuropsychology-Lab	2	0	4	Concurrent with CPY314.
CPY319	Psychological Tests	2	0	4	CPY211.
CPY321	Clinical Psychology 3 -Lab	3	0	6	CPY312.
CPY322	Positive Psychology	3	3	0	CPY315.



Course Number	Course Title	Credit Hours	Hrs Distribution		Prerequisite/Concurrent
			Theoretic	Lab	
CPY323	Introduction to Child and Adolescent Psychotherapy	1	1	0	CPY312.
CPY324	Psychology of Learning and Cognition	1	1	0	CPY315.
CPY325	Introduction to Child and Adolescent Psychotherapy	2	0	4	Concurrent with CPY323.
CPY327	Psychology of Learning and Cognition-Lab	2	0	4	Concurrent with CPY324.
CPY411	Advanced Psychopathology	1	1	0	CPY321.
CPY412	Criminal Psychology	3	3	0	CPY324.
CPY416	Clinical Psychology 4 -Lab	3	0	6	CPY321.
CPY417	Advanced Psychopathology-Lab	2	0	4	Concurrent with CPY411.
CPY418	Psychotraumatology	1	1	0	CPY321.
CPY419	Psychopharmacology- Lab	1	0	2	CPY321.
CPY421	Advanced Clinical Practicum (Clinical Training 5)	3	0	6	CPY323.
CPY423	Crisis Intervention and Trauma/Ptsd	2	2	0	CPY323.
CPY435	Psychotraumatology-Lab	2	0	4	Concurrent with CPY418.



Guidance Plan

First Year

First Semester

Course Number & Title	Credit Hours	Prerequisite/Concurrent
Arb102 Communication Skills in Arabic	3	
Hss103bt General Biology	3	
Hss107bt General Biology Laboratory	1	(HSS103BT OR Concurrent).
Hss110 Leader and Social Responsibility	3	
Hss119 Entrepreneurship and Innovation	2	
Lg101 Communication Skills in English	3	Passing LG099 OR Passing ENG099. OR Passing the Placement Test with a mark of 50 or above.
Total Hours	15	

Second Semester

Course Number & Title	Credit Hours	Prerequisite/Concurrent
Hss218p.T Gross Anatomy & Histology	2	HSS103BT. (HSS107BT OR Concurrent).
Hss220p.T Gross Anatomy and Histology (Lab)	1	Concurrent with HSS218P.T.
Hss221 Introduction to Psychology (In English)	3	
Hss230 Med Human Physiology	3	HSS103BT.
Hss230med Human Physiology (Lab)	1	(HSS230 MED OR Concurrent).
Lg103 Life Skills	2	
Ms100 Military Sciences	3	
University Elective Requisite	3	
Total Hours	18	



Second Year

First Semester

Course Number & Title	Credit Hours	Prerequisite/Concurrent
Cpy211 Introduction to Clinical Psychology	1	HSS221.
Cpy213 Mental Disorders	2	Concurrent with CPY211.
Cpy215 Introduction to Clinical Interview	2	Concurrent with CPY213.
Cpy217 Introduction to Clinical Interview - Lab	1	Concurrent with CPY215.
Cpy219 Clinical Assessment Techniques-Lab	2	
Cpy222 Introduction to Clinical Psychology- Lab	2	
Nur252 Growth and Development	3	
University Elective Requisite	3	
Total Hours	16	

Second Semester

Course Number & Title	Credit Hours	Prerequisite/Concurrent
Cpy224 Clinical Neuroscience	3	
Cpy225 Sychopathology	1	CPY213.
Cpy226 Clinical Psychology 1 -Lab	3	
Cpy227 Psychopathology- Lab	2	
Cpy233 Family and Couples Therapy	2	
Hss311ph Biostatistics	2	
Hss391para Ethics in Applied Medical Careers	1	
Hss491lm Scientific Research Methods	1	(HSS311PH OR Concurrent).
Med226 Neuroscience (1)	2	
Total Hours	17	



Third Year

First Semester

Course Number & Title	Credit Hours	Prerequisite/Concurrent
Cpy311 Introduction to Personality Assessment	3	CPY225.
Cpy312 Clinical Psychology 2 -Lab	3	CPY226.
Cpy314 Neuropsychology	1	
Cpy315 Tests of Intelligence and Cognitive Abilities	1	
Cpy316 Tests of Intelligence and Cognitive Abilities- Lab	2	Concurrent with CPY315.
Cpy317 Neuropsychology-Lab	2	Concurrent with CPY314.
Cpy319 Psychological Tests	2	CPY211.
Nur431 Mental Health Nursing (Theory)	3	
Total Hours	17	

Second Semester

Course Number & Title	Credit Hours	Prerequisite/Concurrent
Cpy321 Clinical Psychology 3 -Lab	3	CPY312.
Cpy322 Positive Psychology	3	CPY315.
Cpy323 Introduction to Child and Adolescent Psychotherapy	1	CPY312.
Cpy324 Psychology of Learning and Cognition	1	CPY315.
Cpy325 Introduction to Child and Adolescent Psychotherapy	2	Concurrent with CPY323.
Cpy327 Psychology of Learning and Cognition-Lab	2	Concurrent with CPY324.
University Elective Requisite	3	
Total Hours	15	



Forth Year

First Semester

Course Number & Title	Credit Hours	Prerequisite/Concurrent
Cpy411 Advanced Psychopathology	1	CPY321.
Cpy416 Clinical Psychology 4 -Lab	3	CPY321.
Cpy417 Advanced Psychopathology-Lab	2	Concurrent with CPY411.
Cpy418 Psychotraumatology	1	CPY321.
Cpy419 Psychopharmacology- Lab	1	CPY321.
Cpy435 Psychotraumatology-Lab	2	Concurrent with CPY418.
Para208 Psychology and Sociology for Paramedic Students	2	
Phmd441 Therapeutics: Neurological and Psychiatric Disorders	2	
Rth303 Research in Respiratory Therapy	3	HSS391PARA.
Total Hours	17	

Second Semester

Course Number & Title	Credit Hours	Prerequisite/Concurrent
Cpy412 Criminal Psychology	3	CPY324.
Cpy421 Advanced Clinical Practicum (Clinical Training 5)	3	CPY323.
Cpy423 Crisis Intervention and Trauma/Ptsd	2	CPY323.
Hss491ads Administration and Quality Assurance in Applied Medical Sciences	3	
Hss499lm Graduation Project	3	(HSS491LM OR Concurrent).
O.T335 Psychosocial Counselling and Group Therapy	2	
O.T337 Psychosocial Counselling and Group Therapy Practical	1	(O.T335 OR Concurrent).
Total Hours	17	



Description of Courses

CPY211: Introduction to Clinical Psychology (1 CHs)

Prerequisite: HSS221.

This course provides an overview of clinical psychology, including its history, theoretical foundations, and practical applications. Students will explore the roles of clinical psychologists, ethical issues, and various therapeutic approaches. The course sets the groundwork for further study in clinical practice and mental health care.

CPY213: Mental Disorders (2 CHs)

Prerequisite: Concurrent with CPY211.

This course examines various mental disorders, including mood disorders, anxiety disorders, psychotic disorders, personality disorders, and developmental disorders. Students will learn about the symptoms, diagnostic criteria, epidemiology, and treatment options for each disorder, providing a comprehensive understanding of psychopathology.

CPY215: Introduction to Clinical Interview (2 CHs)

Prerequisite: Concurrent with CPY213.

This course teaches the fundamental skills of conducting clinical interviews, including building rapport, gathering information, and formulating clinical hypotheses. Students will practice these skills through role-playing and simulated client interactions.

CPY217: Introduction to Clinical Interview - Lab (1 CHs)

Prerequisite: Concurrent with CPY215.

This lab/clinical module focuses on foundational clinical interview skills, emphasizing rapport building, effective information gathering, and clinical hypothesis formulation. Students will practice these techniques through role-play and simulated client interactions, preparing them for real-world clinical settings.

CPY219: Clinical Assessment Techniques-Lab (2 CHs)

Prerequisite: None

This lab provides hands-on experience with psychological assessment tools. Students will practice administering, scoring, and interpreting standardized tests and conducting clinical interviews in a controlled setting.

CPY222: Introduction to Clinical Psychology- Lab (2 CHs)

Prerequisite: None

This clinical module introduces students to the practical aspects of clinical psychology, focusing on the role of clinical psychologists in patient assessment, diagnosis, and therapy. Through hands-on experience, students will apply ethical principles and therapeutic techniques, gaining insight into real-world mental health care and foundational skills in clinical practice.



CPY224: Clinical Neuroscience (3 CHs)

Prerequisite: None

This course explores the neurological underpinnings of behavior, emotion, and cognition. Students will examine brain structure and function, neuropsychological assessment techniques, and the impact of neurological disorders on psychological processes.

CPY225: Sychopathology (1 CHs)

Prerequisite: CPY213.

This advanced course delves into the etiology, diagnosis, and treatment of severe psychological disorders. Emphasis is placed on understanding complex psychopathological conditions, including comorbidity and differential diagnosis

CPY226: Clinical Psychology 1 -Lab (3 CHs)

Prerequisite: None

The first part of a comprehensive exploration of clinical psychology, this course focuses on foundational clinical skills, ethical considerations, and basic therapeutic techniques. Students will begin developing their clinical acumen through case studies and supervised practice.

CPY227: Psychopathology- Lab (2 CHs)

Prerequisite: None

This module offers hands-on experience in the assessment and management of severe psychological disorders. In the lab, students practice diagnostic techniques and treatment planning, while the clinical site provides real-world exposure to complex cases, focusing on comorbidity and differential diagnosis

CPY233: Family and Couples Therapy (2 CHs)

Prerequisite: None

This course covers the theories and techniques used in family and couples therapy, including systemic approaches, communication strategies, and evidence-based interventions. Students will practice these techniques through role-playing and supervised sessions.

CPY311: Introduction to Personality Assessment (3 CHs)

Prerequisite: CPY225.

This course introduces the principles and practices of personality assessment, including the use of projective tests, objective measures, and clinical judgment. Students will learn to administer and interpret widely used personality tests

CPY312: Clinical Psychology 2 -Lab (3 CHs)

Prerequisite: CPY226.

This lab module explores brain-behavior relationships through hands-on neuropsychological assessments, focusing on cognitive deficits and rehabilitation techniques in a controlled environment

CPY314: Neuropsychology (1 CHs)

Prerequisite: None

This course examines the relationship between brain function and behavior, focusing on neuropsychological assessment and intervention. Topics include brain-behavior relationships, cognitive deficits, and rehabilitation strategies



CPY315: Tests of Intelligence and Cognitive Abilities (1 CHs)

Prerequisite: None

This course covers the administration, scoring, and interpretation of intelligence and cognitive ability tests. Students will gain practical experience with tools such as the Wechsler Adult Intelligence Scale (WAIS) and Stanford-Binet Intelligence Scales

CPY316: Tests of Intelligence and Cognitive Abilities- Lab (2 CHs)

Prerequisite: Concurrent with CPY315.

In the lab and clinical site module, students will practice administering, scoring, and interpreting intelligence and cognitive ability tests, including hands-on experience with tools like the Wechsler Adult Intelligence Scale (WAIS) and Stanford-Binet Intelligence Scales. This module emphasizes practical skill development essential for accurate psychological assessment

CPY317: Neuropsychology-Lab (2 CHs)

Prerequisite: Concurrent with CPY314.

This lab module explores brain-behavior relationships through hands-on neuropsychological assessments, focusing on cognitive deficits and rehabilitation techniques in a controlled environment

CPY319: Psychological Tests (2 CHs)

Prerequisite: CPY211.

This course provides a comprehensive overview of psychological testing, including the development, administration, and interpretation of various psychological tests used in clinical settings. Topics include reliability, validity, and ethical issues in testing.

CPY321: Clinical Psychology 3 -Lab (3 CHs)

Prerequisite: CPY312.

The final course in the Clinical Psychology series, this course focuses on specialized areas of practice, such as forensic psychology, health psychology, and child and adolescent therapy. Advanced clinical skills are honed through supervised practice and case studies

CPY322: Positive Psychology (3 CHs)

Prerequisite: CPY315.

This course explores the principles of positive psychology, including the study of happiness, well-being, and human flourishing. Students will examine techniques for fostering positive mental health and applying them in clinical settings.

CPY323: Introduction to Child and Adolescent Psychotherapy (1 CHs)

Prerequisite: CPY312.

This course introduces students to therapeutic approaches and techniques specifically designed for children and adolescents. Emphasis is placed on developmental considerations, family dynamics, and evidence-based practices.

CPY324: Psychology of Learning and Cognition (1 CHs)

Prerequisite: CPY315.

This course explores psychological theories and research related to learning and cognition, including memory, perception, problem-solving, and decision-making. Students will examine both theoretical and practical applications in clinical settings.



CPY325: Introduction to Child and Adolescent Psychotherapy (2 CHs)

Prerequisite: Concurrent with CPY323.

This module provides hands-on experience in therapeutic approaches for children and adolescents. Students will apply developmental, family-centered, and evidence-based techniques in real clinical settings, gaining practical skills to support young patients effectively

CPY327: Psychology of Learning and Cognition-Lab (2 CHs)

Prerequisite: Concurrent with CPY324.

This module provides hands-on experience in applying psychological theories of learning and cognition?such as memory, perception, problem-solving, and decision-making?within clinical settings. Students will gain practical skills in observing, assessing, and supporting cognitive processes in patients, enhancing their clinical understanding and interventions.

CPY411: Advanced Psychopathology (1 CHs)

Prerequisite: CPY321.

This advanced course provides an in-depth examination of complex psychopathological conditions, including treatment-resistant disorders and comorbidities. Emphasis is placed on evidence-based treatment planning and advanced diagnostic techniques

CPY412: Criminal Psychology (3 CHs)

Prerequisite: CPY324.

This course examines the psychological factors that contribute to criminal behavior, including personality disorders, environmental influences, and forensic assessment techniques. Topics include criminal profiling, risk assessment, and rehabilitation strategies

CPY416: Clinical Psychology 4 -Lab (3 CHs)

Prerequisite: CPY321.

This practicum provides students with supervised clinical experience in a mental health setting. Emphasis is placed on integrating theoretical knowledge with practical skills in assessment, diagnosis, and treatment planning.

CPY417: Advanced Psychopathology-Lab (2 CHs)

Prerequisite: Concurrent with CPY411.

This clinical module focuses on the hands-on assessment and management of complex psychopathological conditions, including treatment-resistant disorders and comorbidities. Students will apply advanced diagnostic techniques and develop evidence-based treatment plans tailored to diverse patient needs in real clinical settings.

CPY418: Psychotraumatology (1 CHs)

Prerequisite: CPY321.

This course provides an in-depth understanding of psychological trauma, its impact on mental health, and evidence-based approaches to assessment and intervention. Students will explore various trauma-related disorders, including PTSD, and learn clinical strategies for supporting individuals affected by trauma. Emphasis is placed on integrating theory with practice in clinical settings



CPY419: Psychopharmacology- Lab (1 CHs)

Prerequisite: CPY321.

This clinical module introduces students to the practical application of psychotropic medications in mental health treatment, emphasizing the mechanisms of action, side effects, and clinical considerations essential for safe and effective patient care

CPY421: Advanced Clinical Practicum (Clinical Training 5) (3 CHs)

Prerequisite: CPY323.

This advanced clinical practicum offers hands-on training in diverse clinical settings, allowing students to refine their therapeutic skills and competencies. Under professional supervision, students engage in comprehensive patient care, conduct assessments, and implement advanced clinical interventions. The practicum emphasizes experiential learning and professional development in real-world clinical environments.

CPY423: Crisis Intervention and Trauma/Ptsd (2 CHs)

Prerequisite: CPY323.

This course focuses on the assessment and treatment of individuals experiencing crises and trauma, including post-traumatic stress disorder (PTSD). Students will learn about crisis intervention strategies, trauma-informed care, and evidence-based treatments

CPY435: Psychotraumatology-Lab (2 CHs)

Prerequisite: Concurrent with CPY418.

This lab component provides hands-on experience in understanding and addressing psychological trauma through practical application. Students will engage in case studies, role-plays, and simulations that focus on assessing and intervening with individuals experiencing trauma-related disorders, such as PTSD. Emphasis is placed on utilizing evidence-based assessment tools, developing clinical intervention strategies, and integrating theoretical knowledge into real-world clinical scenarios. Through guided practice and feedback, students will enhance their skills in trauma-informed care, ethical considerations, and the implementation of therapeutic techniques within clinical settings.