

Program Viewbook

Bachelor of Science in Psychology (BScPSY)

Program Description

The Bachelor of Science in Psychology program provides students with a strong scientific understanding of human behavior, cognition, and emotion through empirical research and theoretical analysis. The program emphasizes critical thinking, data interpretation, research methodology, and evidence-based inquiry, while fostering ethical awareness, effective communication, and interpersonal competence. This four-year undergraduate degree comprises 129 credit hours and offers a blend of theoretical knowledge, research training, and experiential learning opportunities designed to prepare students for advanced study and diverse professional pathways.

Graduates of the program are equipped for opportunities in healthcare organizations, educational settings, community programs, research environments, and corporate sectors, where they may contribute to roles such as behavioral support specialists, research assistants, program coordinators, and human resources officers. The program also provides a strong foundation for postgraduate studies in areas such as clinical, counseling, educational, organizational, and related fields of psychology.

Program Goals

- 1- Build a strong scientific understanding of psychological theories and research, enabling critical analysis of human behavior, cognition, and emotion in diverse contexts.
- 2- Develop skills in designing, conducting, and interpreting research using quantitative and qualitative methods ethically and accurately.
- 3- Apply psychological knowledge alongside interdisciplinary perspectives to solve individual, social, and cultural challenges in health, education, and communities.
- 4- Equip students with critical thinking, communication, ethical judgment, and cultural awareness for advanced study or professional practice in psychology.

Program Learning Outcomes (PLOs)

- PLO 1:** Demonstrate understanding of advanced psychological principles, major theories, historical development, and contemporary issues in psychology related to human behavior, cognition, and emotion.
- PLO 2:** Apply advanced research methods, statistical analysis, and technological tools, including AI, to design, conduct, and interpret ethical empirical research.
- PLO 3:** Critically analyze quantitative, qualitative, and mixed-methods research for effective application in psychology and evidence-based problem-solving.
- PLO 4:** Integrate psychological knowledge with innovative, entrepreneurial, and sustainable approaches to address personal, professional, and societal challenges.
- PLO 5:** Communicate psychological ideas and research findings effectively in oral, written, and digital formats for diverse audiences.
- PLO 6:** Apply ethical standards, data privacy, social responsibility, and cultural sensitivity in research and professional practice.
- PLO 7:** Develop lifelong learning, leadership, effective teamwork, adaptability, and entrepreneurial competencies to advance professional and societal goals.

Program Completion Requirements

The Bachelor of Science in Psychology degree shall be awarded to a student upon fulfillment of the following requirements:

- Successful completion of 129 credit hours.
- Achievement of a minimum cumulative GPA of 2.0 on a 4.0 scale.
- Completion of at least 50% of the total program credit hours at CUD.
- Completion of the Internship and Graduation Project while enrolled at CUD.

Program Structure

University Requirements Courses				24 Cr. Hrs.
Core Courses				51 Cr. Hrs.
Major Courses				54 Cr. Hrs.
Total				129 Cr. Hrs.
I. University Requirement Courses				
Course Code		Course Title	Prerequisite/ <u>Co-requisite</u>	Cr. Hrs.
Compulsory Courses				21
LNG	171	English I	None	3-0-3
LNG	172	English II	LNG 171	3-0-3
GED	102	AI in Modern Life	None	3-0-3
GED	190	Emirati Studies	None	3-0-3
GED	255	Critical Thinking and Problem Solving	LNG 172 or LNG 182	3-0-3
ENT	141	Fundamentals of Innovation and Entrepreneurship 1	None	2-0-2
ENT	142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	0-2-1
ENT	241	Entrepreneurship 1	ENT 142	2-0-2
ENT	242	Entrepreneurship 2	ENT 241	0-2-1
Elective (Humanities - 03 Credits): Students are required to select one course from the following Pool				
GED	103	Head Anatomy Sculpture	None	2-2-3
GED	106	Smart Decisions: Data Literacy and Visualization	None	2-2-3
GED	110	Modern Art Appreciation	None	2-2-3
GED	111	Music Appreciation and Communication	None	3-0-3
GED	191	Islamic Studies	None	3-0-3
GED	196	Communication Skills in Arabic	None	3-0-3
GED	205	Psychology in Everyday Life	LNG 172 or LNG 182	3-0-3
GED	324	Ethical Reasoning for Today's World	LNG 172 or LNG 182	3-0-3
GED	330	Introduction to Canadian Studies	None	3-0-3
II. Core Courses				
Course Code		Course Title	Prerequisite/ <u>Co-requisite</u>	Cr. Hrs.
Compulsory Courses				51
BIO	101	Biology I	None	2-2-3
BIO	202	Biology II	BIO 101	2-2-3
MTH	105	Introduction to Statistics	None	2-2-3
PSY	101	Psychology I	None	3-0-3
PSY	102	Psychology II	PSY 101	3-0-3
PSY	120	Behavioral and Environmental Psychology	PSY 102	3-0-3
PSY	211	Research Methods: Design and Statistics	MTH 105	3-0-3

Course Code	Course Title	Prerequisite/Co-requisite	Cr. Hrs.
PSY 212	Introduction to Cognitive Psychology	PSY 102	3-0-3
PSY 222	Perception	PSY 212	3-0-3
PSY 223	Developmental Psychology	PSY 212	3-0-3
PSY 224	Abnormal Psychology	PSY 102	3-0-3
PSY 230	Personality	PSY 102	3-0-3
PSY 250	Biopsychology	PSY 102	3-0-3
PSY 310	Neuropsychology	PSY 212 and PSY 250	3-0-3
SHS 103	Chemistry	None	2-2-3
PSY 322	Psychotherapy	PSY 224 and PSY 312	3-0-3
SCI 210	Modern Physics	None	2-2-3

III. Major Courses

Course Code	Course Title	Prerequisite/ Co-requisite	Cr. Hrs.
Compulsory Courses			51
PSY 221	Psychological Measurement and Testing	PSY 211	3-0-3
PSY 312	Clinical Psychology	PSY 212	3-0-3
PSY 314	Principles of Neuroimaging and Brain Mapping	PSY 250	3-0-3
PSY 316	Clinical Practice and Hospital Safety	PSY 312	3-0-3
PSY 323	Psychology of Exceptional Children, Youth and Adults	PSY 223 and PSY 224	3-0-3
PSY 324	Psychological Counselling and Interventions	PSY 312	3-0-3
PSY 400	Internship	Completion of 81 Cr. Hrs.	3
PSY 410	Drugs and Behaviour	PSY 310 and PSY 312	3-0-3
PSY 412	Experimental Psychology	PSY 221	3-0-3
PSY 413	Health Psychology	PSY 224 and PSY 250	3-0-3
PSY 416	Computational Psychology in Neuroscience	PSY 314	3
PSY 420	Applications of Human Behavior Modification	PSY 230	3-0-3
PSY 421	Cognitive and Behavioral Neuroscience Research	PSY 211 and PSY 212	3-0-3
PSY 422	Psychometrics	Completion of 78 Cr. Hrs.	3-0-3
PSY 450	Graduation Project	Completion of 81 Cr. Hrs. and PSY 211	6
SHS 303	Principles of Medical Biochemistry	SHS 103	3-0-3
Elective Courses (03 Credits): Students are required to select one course from the following courses			
PSY 401	Infant Clinical Psychology	PSY 312	3-0-3
PSY 402	Sports and Motivational Psychology	PSY 413	3-0-3
PSY 403	Psychoinformatics	PSY 416	3-0-3

Eight Semesters Study Plan

Sem.	Course Code	Course Title	Prerequisite/Co-requisite	Cr. Hrs.
Semester 1	LNG 171	English I	None	3
	PSY 101	Psychology I	None	3
	ENT 141	Fundamentals of Innovation and Entrepreneurship 1	None	2
	GED 102	AI in Modern Life	None	3
	SHS 103	Chemistry	None	3
Total				14
Semester 2	LNG 172	English II	LNG 171	3
	PSY 102	Psychology II	PSY 101	3
	BIO 101	Biology I	None	3
	MTH 105	Introduction to Statistics	None	3
	ENT 142	Fundamentals of Innovation and Entrepreneurship 2	ENT 141	1
	PSY 120	Behavioral and Environmental Psychology	PSY 102	3
Total				16
Semester 3	PSY 211	Research Methods: Design and Statistics	MTH 105	3
	PSY 212	Introduction to Cognitive Psychology	PSY 102	3
	PSY 230	Personality	PSY 102	3
	SCI 210	Modern Physics	None	3
	PSY 250	Biopsychology	PSY 102	3
	BIO 202	Biology II	BIO 101	3
Total				18
Semester 4	PSY 221	Psychological Measurement and Testing	PSY 211	3
	PSY 222	Perception	PSY 212	3
	PSY 223	Developmental Psychology	PSY 212	3
	PSY 224	Abnormal Psychology	PSY 102	3
	GED XXX	Humanities Elective	None	3
	ENT 241	Entrepreneurship 1	ENT 142	2
Total				17
Semester 5	PSY 310	Neuropsychology	PSY 212 and PSY 250	3
	PSY 312	Clinical Psychology	PSY 212	3
	PSY 314	Principles of Neuroimaging and Brain Mapping	PSY 250	3
	PSY 316	Clinical Practice and Hospital Safety	PSY 312	3
	SHS 303	Principles of Medical Biochemistry	SHS 103	3
	ENT 242	Entrepreneurship 2	ENT 241	1
Total				16
Semester 6	PSY 322	Psychotherapy	PSY 224 and PSY 312	3
	PSY 323	Psychology of Exceptional Children, Youth and Adults	PSY 223 and PSY 224	3
	PSY 324	Psychological Counselling and Interventions	PSY 312	3
	PSY 422	Psychometrics	Completion of 78 Cr. Hrs.	3
	GED 255	Critical Thinking and Problem Solving	LNG 172	3
Total				15
Semester 7	PSY 410	Drugs and Behavior	PSY 310 and PSY 312	3
	PSY 416	Computational Psychology in Neuroscience	PSY 314	3
	PSY 412	Experimental Psychology	PSY 221	3
	PSY 413	Health Psychology	PSY 224 and PSY 250	3
	PSY 450	Graduation Project*	Completion of 81 Cr. Hrs. and PSY 211	6
Total				18
Semester 8	PSY 450	Graduation Project (cont'd)		
	PSY 420	Applications of Human Behavior Modification	PSY 230	3
	PSY 421	Cognitive and Behavioral Neuroscience Research	PSY 211 and PSY 212	3
	GED 190	Emirati Studies	None	3
	PSY XXX	Program Elective	PSY 102	3
Total				12
Summer	PSY 400	Internship**	Completion of 81 Cr. Hrs.	3
Total Credit Hours				129

**PSY 450 (Graduation Project) is a 6-credit capstone course delivered over Semesters 7 and 8. Students will register for the course in Semester 7 only, and the work continues into Semester 8 without additional registration or credit.*

*** Students may enrol in PSY 400 (Internship) and start their internship during the summer semester of Year 3, provided they have successfully completed the prerequisite requirements, including completion of 81 Credit Hours and maintaining a CGPA ≥ 2.0 . The internship may also be split across two summer semesters, subject to departmental approval.*