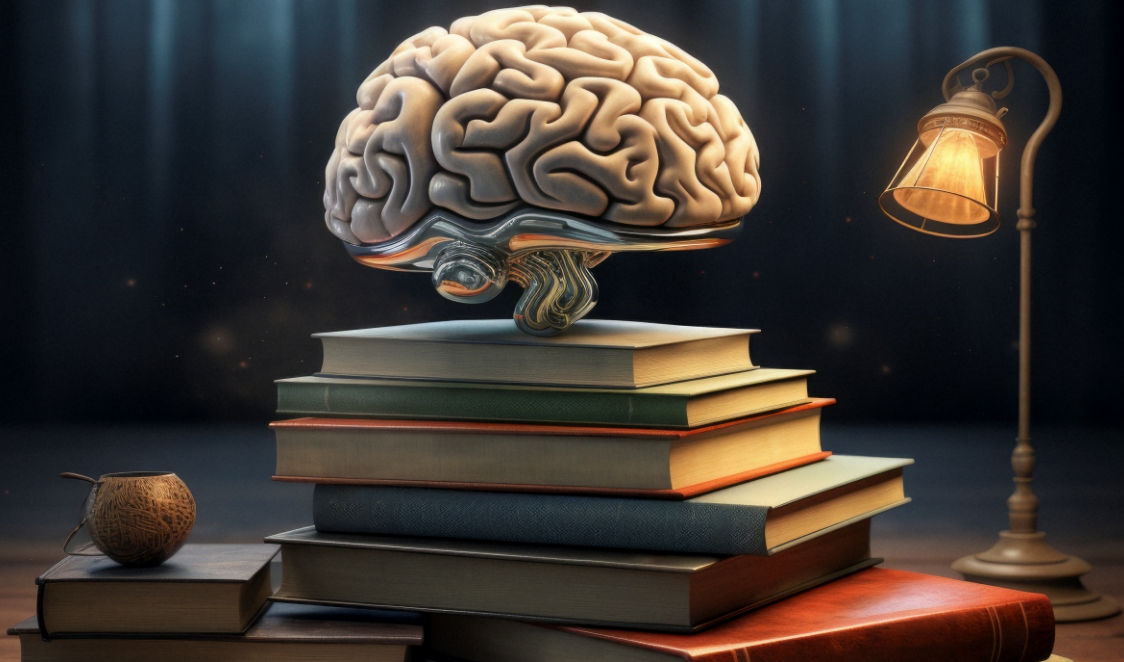


DEPARTMENT OF PSYCHOLOGY

The Department of Psychology warmly welcomes its prospective students!

It gives me immense pleasure to say that the Psychology Department at Capital University of Science and Technology is rapidly emerging as a leader in the field of psychology by striving for excellence in curriculum designing, teaching, research, training, industry linkages and community integration. Through BS Psychology Program, we are determined to address the growing need for mental health advocacy and the dire need for aptly trained psychologists in accordance with the national and international educational excellence standards. We propagate an avant-garde approach for providing training in psychological theory, research,

assessment and practice via vibrant opportunities during classroom, laboratory and industry-based learning. The faculty of the department is highly qualified, experienced and is engaged in various academic and research projects. Our aim is to equip graduates with technically sound knowledge and ethical training in order to enable them to address current and future needs of the society and industry in the field of psychology as well as in interdisciplinary domains. Our courses, laboratory and industry-based trainings focus on experimental, organizational, forensic, clinical, counseling, psychological assessment and other subfields of psychology. We aspire and specialize in providing an educative environment so that our graduates can lead fulfilling and impactful lives.





BS Psychology

■ Program Educational Objectives (PEOs)

Following PEOs describe the expected accomplishments of BS Psychology graduates after completion of the program.

- (i) The graduates will demonstrate their knowledge about key concepts, principles, and overarching psychology themes along with their applications.
- (ii) The graduates will incorporate their innovative, integrative, and problem-solving skills to develop diverse communities at local, national, and global levels, through scientific reasoning, and research based on ethical standards.
- (iii) The graduates will demonstrate effective written, oral, and interpersonal communication skills to lead meaningfully charged professional careers.

■ Program Learning Outcomes (PLOs)

After completing BS Psychology Program, the graduates will possess the following attributes:

- (i) **Knowledge:** An ability to understand acquired knowledge on domains including sensation, perception, cognition, learning, memory, language, intelligence, motivation, emotion, sexuality, gender, development, personality, psychological disorders and treatments, neuroscience, cross-cultural diversity, and social considerations.
- (ii) **Problem Analysis:** An ability to identify, analyze, formulate, and apply gained knowledge of psychology for configuring theoretical and practical problems.
- (iii) **Scientific Reasoning and Modern Tool Usage:** An ability to use relevant sources of scientific

knowledge to identify, frame, and generate novel and practical solutions for psychological issues by using requisite modern tools and research methods.

- (iv) **Corporate Social Responsibility:** An ability to understand the impact of societal and environmental contexts, and demonstrate knowledge of health, safety, legal, and cultural concerns for sustainable development.
- (v) **Ethics:** Apply ethical principles in professional practice keeping in view the norms of society.
- (vi) **Communication:** An ability to communicate professionally, verbally as well as in writing.
- (vii) **Individual and Team Work:** An ability to work individually and collectively in teams, in multifaceted and/or multidisciplinary settings.
- (viii) **Management Skills:** To apply psychology specific content in intra and interpersonal management, treatment, project management, teamwork, self-reflection, and career preparation in a cohesive environment.
- (ix) **Entrepreneurial and Professional Skills:** An ability to exhibit entrepreneurial and professional skills in hospital, education, military or industrial/organizational setups, by adding innovation and integrity in relevant fields.
- (x) **Lifelong Learning:** Ability to transfer learned knowledge of psychology in novel contexts and diverse situations.

■ Admission Requirements

- (i) Higher Secondary School Certificate or equivalent securing at least 45% marks in aggregate.
- (ii) CUST Admission Test/HEC Approved Test.

■ Degree Requirements

The candidate is required to complete 134 Cr. Hrs. as per following details:

Area	Cr. Hrs.
a) General Education	34
b) Allied Courses	12
c) Major Courses	81
d) Capstone Project	04
e) Internship	03
f) Community service	00
Total	134

■ General Education (34 Cr. Hrs.)

Course Title	Code	Cr. Hrs.
Functional English	PSYG1113	3
Expository Writing	PSYG1123	3
Islamic Studies/Ethics	PSYG1012	2
Language-I	PSYG22x2	2
Natural Sciences	PSYG13x2	2
Natural Sciences Lab	PSYG13x1	1
Ideology and Constitution of Pakistan	PSYG1022	2
Sociology	PSYG1412	2
Applications of Information & Communication Technologies	PSYG1612	2
Applications of Information & Communication Technologies Lab	PSYG1611	1
Entrepreneurship	PSYG2712	2
Statistics	PSYG1563	3
Analytical Reasoning	PSYG2583	3
Civic and Community Engagement	PSYG1812	2
Fehm-ul-Quran I	PSYG1021	1
Fehm-ul-Quran II	PSYG1031	1
Pakistan Studies	PSYG1032	2

■ Allied (12 Cr. Hrs.)

Course Title	Code	Cr. Hrs.
Teaching and Learning Skills	BCMP1003	3
Principles of Management	MGTP1003	3
Public Mental Health	PSYB1793	3
Introduction to Social Work	PSYB2043	3
Disaster and Crisis Management	PSYB3063	3
Conflict Studies and Peacebuilding	PSYB4133	3
Human Rights and Social Justice	PSYB4143	3
Marketing	PSYB4153	3
Economics	PSYB3223	3
Sustainable Development	PSYB1183	3
Technology and Society	PSYB1193	3
Introduction to Media Psychology	PSYB2153	3
Introduction to Speech Therapy	PSYB3083	3
Cognitive and Behavioral Foundations of AI	PSYB3093	3
Data Analysis	PSYM2322	2
Data Analysis-Lab	PSYM2321	1
Research Methods-I	RCHP3003	3
Research Methods-II	RCHP3103	3

■ Major Courses (60 Cr. Hrs.)

Course Title	Code	Cr. Hrs.
Introduction to Psychology	PSYB1003	3
Schools and Perspectives in Psychology	PSYB1023	3
Behavioral Neuroscience	PSYB2043	3
Ethics in Psychology	PSYB2073	3
Theories of Personality	PSYB2023	3
Counseling Psychology	PSYB2212	2
Counseling Psychology Practicum (Lab)	PSYB2211	1
Psychological Assessment	PSYB2002	2
Psychological Assessment Lab	PSYB2001	1
Social Psychology	HMP2073	3

Cognitive Psychology	PSYB2123	3
Cross Cultural Psychology	PSYB4103	3
Psychology of Gender	PSYB3083	3
Psychopathology	PSYB3023	3
Industrial and Organizational Psychology	PSYB4623	3
Sports Psychology	PSYB4673	3
Forensic Psychology	PSYB4643	3
Positive Psychology	PSYB4003	3
Experimental Psychology	PSYB3012	2
Experimental Psychology Lab	PSYB3021	1
Developmental Psychology	PSYB2113	3
Environmental Psychology	PSYB3043	3
Psychology and Emerging Technologies	PSYB4013	3

■ Elective Courses (21 Cr. Hrs.)

a)–Clinical Psychology

Course Title	Code	Cr. Hrs.
Clinical Psychology	PSYB4602	2
Clinical Psychology Practicum	PSYB2211	1
Child Psychopathology	PSYB3023	3
Adult Psychopathology	PSYB3033	3
Substance Use Disorders and Management	PSYB3043	3
Clinical Assessment and Diagnosis	PSYB4053	3
Psychopharmacology in Clinical Practice	PSYB4063	3
Psychological Interventions and Therapies-I	PSYB4073	3
Psychological Interventions and Therapies-II	PSYB4083	3
Psychological Interventions and Therapies-III	PSYB4093	3

b)–Cognitive Neuroscience

Course Title	Code	Cr. Hrs.
Cognitive Neuroscience	PSYB3412	2
Cognitive Neuroscience Practicum	PSYB3411	1
Neuroethics	PSYB3423	3

Neuroscience and Psychopathology	PSYB3433	3
Neuropharmacology	PSYB4443	3
Neuroimaging in Cognitive Science	PSYB4453	3
Language Processing and Brain	PSYB4463	3
Social Cognition and Brain	PSYB4473	3
Neuroscience and Executive Functions	PSYB4483	3
Neuroplasticity	PSYB4493	3

c)–Developmental Psychology

Course Title	Code	Cr. Hrs.
Child and Adolescent Psychopathology and Treatment	PSYB3512	2
Child and Adolescent Psychopathology and Treatment Practicum	PSYB3511	1
Child and Adolescent Development	PSYB3523	3
Adult Development	PSYB4533	3
Geriatric Psychology	PSYB4543	3
Geriatric Psychopathology and Treatment	PSYB4553	3
Cognitive Development	PSYB4563	3
Language Acquisition and Development	PSYB4573	3
Culture, Family Dynamics and Development	PSYB4583	3
Developmental Assessment and Intervention	PSYB4593	3

d)–Educational Psychology

Course Title	Code	Cr. Hrs.
Guidance and Counseling in Educational Settings	PSYB3312	2
Guidance and Counseling in Educational Settings Practicum	PSYB3311	1
Child Psychopathology	PSYB3323	3
Psychological Assessment in Education	PSYB4333	3
Prevention and Interventions in Educational Settings	PSYB4343	3
Learning and Motivation	PSYB4353	3
Memory and Cognition	PSYB4363	3
Inclusive Education and Diversity	PSYB4373	3
Education in Socio-cultural Context	PSYB4383	3
Educational Psychology in Digital World	PSYB4393	3

e)–Forensic Psychology

Course Title	Code	Cr. Hrs.
Forensic Psychology Reflective Log	PSYB3212	2
Forensic Psychology Reflective Log Practicum	PSYB3211	1
Criminal Profiling and Crime Linkages	PSYB3223	3
Interventions with Offenders	PSYB4233	3
Police Psychology	PSYB4243	3
Correctional Psychology	PSYB4253	3
Juvenile Delinquency and Rehabilitation	PSYB4263	3
Detection, Detention, Treatment, Trial in Pakistani Forensic Settings	PSYB4273	3
Vulnerable Groups in Forensic Settings	PSYB4283	3
Terrorism and War	PSYB4293	3

f)–Health Psychology

Course Title	Code	Cr. Hrs.
Mental Health in Healthcare Settings	PSYB3612	2
Mental Health in Healthcare Settings Practicum	PSYB3611	1
Perspectives and Models in Health Psychology	PSYB3623	3
Chronic Illness and Pain Management	PSYB4633	3
Drugs and Behaviour	PSYB4643	3
Lifestyle and Mental Health	PSYB4653	3
Psychological Assessment and Interventions for Health Conditions	PSYB4663	3
Behavioral Medicine	PSYB4673	3
Epidemiology and Preventive Medicine	PSYB4683	3
Community, Culture and Public Health	PSYB4693	3

g)–Industrial and Organizational Psychology

Course Title	Code	Cr. Hrs.
Applied Organizational Psychology: Role as a Practitioner	PSYB3112	2
Applied Organizational Psychology: Role as a Practitioner Practicum	PSYB3111	1
Conflict Management in Organization	PSYB3123	3

Occupational Health and Safety	PSYB4133	3
Work Ergonomics	PSYB4143	3
Human Resource Management	PSYB4153	3
Organizational Behavior and Work Motivation	PSYB4163	3
Lifestyle and Career Counseling	PSYB4173	3
Work Design in the Digital Age	PSYB4183	3
Diversity and Inclusion at Workplace	PSYB4193	3

■ Capstone Project (4 Cr. Hrs.)

It is mandatory for every student to complete a thesis following the 6th semester or after the completion of 100 credit hours of course work. The thesis shall be completed in two parts as given below:

Course Title	Code	Cr. Hrs.
Capstone Project-I	RCHP4112	2
Capstone Project-II	RCHP4122	2

■ Internship (03 Cr. Hrs.)

Each student is required to complete 6-8 week supervised internship training usually after 6th semesters or on completion of 90 Cr. Hrs.

Course Title	Code	Cr. Hrs.
Internship	PSY4003	3

■ Community Service (VIS4000)

Each student is required to complete 65 hours community work, usually after 1st semester which is a prerequisite for the award of BS degree.

■ Program Duration

This is a four year degree program comprising of 8 semesters. There will be a Fall and a Spring semester each year. The summer semester will be utilized for internship or deficiency courses. The maximum duration to complete the BS Psychology degree is 7 years.

■ CGPA Requirement

A student is required to earn a minimum 2.00/4.00 CGPA on completion of his/her degree requirements.

SCHEME OF STUDIES

BS Psychology Program

□ Semester -I (15 Cr. Hrs.)

Course Code	Course Title	Cr. Hrs.
PSYM1003	Introduction to Psychology	3
PSYM1023	Schools and Perspective in Psychology	3
PSYG13x2	Natural Sciences	2
PSYG13x1	Natural Sciences-Lab	1
PSYG1113	Functional English	3
PSYG1612	Application of Information and Communication Technologies	2
PSYG1611	Application of Information and Communication Technologies-Lab	1

□ Semester-II (15 Cr. Hrs.)

Course Code	Course Title	Cr. Hrs.
PSYB2043	Behavioral Neuroscience	3
PSYG2583	Analytical Reasoning	3
PSYG1123	Expository Writing	3
PSYB2073	Ethics in Psychology	3
PSYB1xx3	Allied/ Interdisciplinary Course- I	3

□ Semester – III (17 Cr. Hrs.)

Course Code	Course Title	Cr. Hrs.
PSYG1032	Pakistan Studies	2
PSYB2023	Theories of Personality	3
PSYG1563	Statistics	3
PSYB2212	Counselling Psychology	2
PSYB2211	Counselling Psychology Practicum (Lab)	1
PSYG1012	Islamic Studies	2
PSYG1812	Civics and Community Engagement	2
PSYG22x2	Language-I	2

□ Semester – IV (16 Cr. Hrs.)

Course Code	Course Title	Cr. Hrs.
PSYB2002	Psychological Assessment	2
PSYB2001	Psychological Assessment-Lab	1
PSYB2113	Developmental Psychology	3
PSYG1022	Ideology and Constitution of Pakistan	2
PSYG1412	Sociology	2
PSYG2712	Entrepreneurship	2
PSYG2021	Fehm ul Quran-I	1
PSB1xx3	Allied/ Interdisciplinary Course-II	3

□ Semester -V (16 Cr. Hrs.)

Course Code	Course Title	Cr. Hrs.
HMP2073	Social Psychology	3
PSYB2123	Cognitive Psychology	3
PSYB4103	Cross Cultural Psychology	3
PSYB3023	Psychopathology	3
PSYG2031	Fehm ul Quran-II	1
PSYM2322	Allied/Interdisciplinary Course-III (Data Analysis)	2
PSYM2321	Allied/ Interdisciplinary Course-III (Data Analysis Lab)	1

□ Semester - VI (18 Cr. Hrs.)

Course Code	Course Title	Cr. Hrs.
PSYB4623	Industrial and Organizational Psychology	3
PSYB4673	Sports Psychology	3
PSYB4003	Positive Psychology	3
PSYB3xx3	Allied Course-IV	3
PSYB3xx3	Elective-I	3
PSYB3xx3	Elective-II	3

□ Semester -VII (17 Cr. Hrs.)

Course Code	Course Title	Cr. Hrs.
PSYB4643	Forensic Psychology	3
PSYB3012	Experimental Psychology	2
PSYB3011	Experimental Psychology-Lab	1
PSYB3043	Environmental Psychology	3
PSYB4xx3	Elective-III	3
PSYB4xx3	Elective-IV	3
RCHP4112	Capstone Project	2

□ Semester VIII (17 Cr. Hrs.)

Course Code	Course Title	Cr. Hrs.
PSYB4013	Psychology and Emerging Technologies	3
PSYB2083	Psychology of Gender	3
PSYB4xx3	Elective-V	3
PSYB4xx3	Elective-VI	3
PSYB4xx3	Elective-VII	3
RCHP4122	Capstone Project	2



MS Psychology

(iii) CUST Admission Test/HEC Approved Test.

■ Admission Requirements

- (i) A minimum of 16 years of education leading to BS Psychology / BS Behavioral Sciences
OR Two years B.Sc. (major psychology) with an M.Sc. Psychology / M.Sc. Behavioral Sciences.
- (ii) Minimum 2.00/4.00 CGPA or 50 % marks in annual system.

■ Degree Requirements

A student admitted in this program will have to complete the degree requirements by any one of the following:

- (i) 24 Cr. Hrs. course work with 2 Cr. Hrs. Fehm-ul-Quran and 6 Cr. Hrs. Thesis
- (ii) 6 Cr. Hrs. internship

■ General Education (02 Cr. Hrs.)

Course Title	Code	Cr. Hrs.
Fehm-ul-Quran I	PSYG7021	1
Fehm-ul-Quran II	PSYG7031	1

■ Core Courses

Students are required to qualify all the courses listed below:

Course Title	Code	Cr. Hrs.
Advanced Psychological Assessment	PSY7003	3
Advanced Psychological Theory and Practice	PSY7013	3
Advanced Research Methods and Analyses	PSY7033	3

■ Specialization Courses

A student can claim a specialization if he/she has completed 18 Cr. Hrs. from one of the specialization areas mentioned below. The student's research work also needs to be in the same specialization area. Otherwise, on the completion of 38 Cr. Hrs., he/she will be awarded the MS Degree without any specialization.

Clinical Psychology

Course Title	Code	Cr. Hrs.
Core Clinical Skills	PSY7113	3
Advanced Psychological Assessment	PSY7003	3

Psychopharmacology	PSY7123	3
Therapeutic Approaches	PSY7133	3
Psycholanalysis and Psychodynamic Therapies	PSY7153	3
Cognitive Behaviour Therapies	PSY7163	3
Existential, Humanistic and Interpersonal Therapies	PSY7173	3
Family and Group Therapies	PSY8183	3

Counselling Psychology

Course Title	Code	Cr. Hrs.
Advanced Counseling Skills and Techniques	PSY7203	3
Group and Family Counselling	PSY7223	3
Crisis Intervention and Trauma Counselling	PSY7233	3
Carrer Counselling	PSY7243	3
Grief, Loss and Bereavement Counselling	PSY7253	3
Addiction Counselling	PSY7263	3
School Counselling	PSY7273	3
Multicultural Counselling	PSY8283	3

Forensic Psychology

Course Title	Code	Cr. Hrs.
Psychology and Legal Processes	PSY7313	3
Cyber Forensic Psychology	PSY7323	3
Police Psychology	PSY7333	3
Forensic Assessment	PSY7343	3
Forensic Psychological Reports and Expert Witness Testimony	PSY7303	3
Assistance and Rehabilitation in Forensic Setting	PSY7363	3
Crisis Intervention	PSY7313	3
Contemporary Issues in Pakistani Forensic Psychology	PSY8383	3

Developmental and Educational Psychology

Course Title	Code	Cr. Hrs.
Social Psychology of Education	PSY7413	3
Psychological Perspectives in Child Development	PSY7423	3

Educational and Developmental Psychology Assessment	PSY7433	3
Educational and Developmental Psychology Interventions	PSY7443	3
Language Development and Communication	PSY7453	3
Attachment and Emotional Development	PSY7463	3
Learning and Individual Differences	PSY7403	3
Applied Behaviour Analysis	PSY8483	3

Industrial and Organizational Psychology

Course Title	Code	Cr. Hrs.
Management and Negotiation Skills	PSY7513	3
Personality and Occupational Assessment	PSY7503	3
Occupational Safety and Wellbeing	PSY7523	3
Behavior Modification: Training and Development	PSY7533	3
Organizational Culture and Change Management	PSY7553	3
Individual Performance and Team Dynamics	PSY7563	3
Leadership Practices	PSY7573	3
Application of Organizational Psychology in Digital World	PSY8583	3

■ Common Electives

Course Title	Code	Cr. Hrs.
Qualitative Research and Analyses	PSY7603	3
Introduction to Systematic Reviews and Meta-Analysis	PSY7613	3
Advanced Psychological Assessment	PSY7003	3
Counselling and Psychotherapy	PSY7023	3
Design and Interpretation of Clinical Trials	PSY7633	3
Professional Ethics and Legal Issues in Psychology	PSY7623	3
Evidence-Based Psychological Therapies	PSY7233	3

■ Research Thesis

It is mandatory for every student to complete a thesis following the 2nd semester or after the completion of 26 credit hours of course work. The thesis shall be completed in two parts as given below:

Course Title	Code	Cr. Hrs.
Research Thesis Part I	PSY7913	3
Research Thesis Part II	PSY7923	3

■ Professional Placements

In addition to course work and thesis, the students must complete 3 supervised internships, each of 2 Cr. Hrs. (96 field Hrs x 3 = 288 field hours).

■ CGPA Requirement

A student is required to earn a minimum of 3.00/4.00 CGPA on the completion of his/her degree requirements.

■ Program Duration

This is a 2 years program comprising of 4 semesters. There will be a Fall and a Spring semester in each year. The maximum duration to complete MS in Psychology is 4 years.





