

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

The BS- Psychology program is designed to develop and evaluate psychological concepts using a curriculum which advances specialist knowledge in a range of subject areas (including but not limited to clinical, forensic, organizational, counseling and school psychology). The psychology graduates will help address the growing demand of psychologists in various domains like hospitals, academia, organizations, armed forces and public sector organizations. The state-of-the-art campus facilities with experienced faculty make our program best choice for young psychologists of the future.

■ Program Educational Objectives (PEOs)

PEOs describe the expected accomplishments of the BS Psychology graduates after completion of the above-mentioned program. The Department of Psychology intends to achieve the following objectives:

- (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 sensation, perception, cognition,

learning, memory, language, intelligence, motivation, emotion, sexuality, gender, personality, psychological disorders, neuroscience and treatments, cross-cultural diversity, and social considerations.

- (ii) **Problem Analysis:** An ability to identify, analyze, formulate, and apply gained knowledge in the field 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 manner, 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 exhibiting self-reflection, and career preparation in a cohesive environment.
- (ix) **Entrepreneurial and Professional Skills:** An ability to exhibit work-place entrepreneurial and

professional skills in hospital, educational, 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 135 Cr. Hrs. as per following details:

Area	Cr. Hrs.
a) General Education	30
b) Allied Courses	12
c) Major Courses	72
d) Elective Courses	12
e) Research Thesis	06
f) Internship	03
Total	135

■ General Education (30 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

■ Allied (12 Cr. Hrs.)

Course Title	Code	Cr. Hrs.
Teaching and Learning Skills	BCMP1003	3
Anthropology	PSYB1103	3
Principles of Management	MGTP1003	3
Public Mental Health	PSYB1793	3
Disaster and Crises Management Behavioral Economics	PSYB3063	3
Economics	PSYG3223	3
Introduction to Speech Therapy	PSYB3083	3
Cognitive & Behavioral Foundations of AI	PSYB3093	3

■ Major Courses (72 Cr. Hrs.)

Course Title	Code	Cr. Hrs.
Introduction to Psychology	PSYB1003	3
Practicals in Psychology	PSYB1001	1
Schools and Perspectives in Psychology	PSYB1023	3
Social Psychology	HMP2073	3
Biological Basis of Behavior	PSYB2043	3
Cognitive Psychology	PSYB2123	3
Theories of Personality	PSYB2023	3
Developmental Psychology	PSYB2113	3
Psychopathology-I	PSYB3023	3
Psychopathology-II	PSYB3033	3
Health Psychology	PSYB4043	3
Positive Psychology	PSYB4003	3
Counseling Skills Practicum	PSYB2212	2
Psychological Assessment	PSYB2003	3
Psychological Assessment Practical-I	PSYB2001	1
Psychological Assessment Practical-II	PSYB3001	1
Research Methods-I	RCHP2003	3
Data Analyses	MTHP3013	3
Research Methods-II	RCHP3103	3
Experimental Psychology	PSYB3013	3

Lab Experiments	PSYB3021	1
Ethical Issues in Psychology	PSYB2073	3
Gender Issues in Psychology	PSYB3083	3
Cross Cultural Psychology	PSYB4103	3
Applied Areas in Psychology	PSYB3063	3
Environmental Psychology	PSYB3043	3
Peace Psychology	PSYB4013	3

■ Elective Courses (12 Cr. Hrs.)

a) Clinical Psychology

Course Title	Code	Cr. Hrs.
Psychopharmacology	PSYB4703	3
Therapeutic Interventions	PSYB4733	3
Practicum / Case Reports	PSYB4723	3
Neuropsychology	PSYB4653	3

b) Organizational Psychology

Course Title	Code	Cr. Hrs.
Occupational & Personality Assessment	PSYB4113	3
Ergonomics	PSYB4123	3
Negotiation and Organizational Conflict Management	PSYB4133	3
Consumer Behavior	PSYB4773	3

c) Forensic Psychology

Course Title	Code	Cr. Hrs.
Psychology of Criminal Behavior	PSYB4213	3
Interventions with Offenders	PSYB4223	3
Forensic Practice / Case Reports	PSYB4233	3
Vulnerable Groups in Forensic Settings	PSYB4243	3

d) Educational Psychology

Course Title	Code	Cr. Hrs.
Child Psychopathology	PSYB4313	3
Assessment in Educational Psychology	PSYB4323	3
Prevention and Interventions in Educational Setting	PSYB4333	3
Applied Behavior Analyses	PSYB4343	3

■ Research Thesis (6 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.
Research Thesis Part I	RCHP4913	3
Research Thesis Part II	RCHP4923	3

■ Internship (03 Cr. Hrs.)

Each student is required to complete 9-week supervised internship training usually after 6th semesters or on completion of 90 Cr. Hrs.

Course Title	Code	Cr. Hrs.
Internship	PY4003	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 (18 Cr. Hrs)

Course Code	Course Title	Cr. Hrs.
PSYG1113	Functional English	3
PSYB1xx3	Allied Course -I	3
PSYB1xx3	Allied Course -II	3
PSYG13x2	Natural Sciences	2
PSYG13x1	Natural Sciences Lab	1
PSYB1003	Introduction to Psychology	3
PSYG1612	Applications of Information & Communication Technologies	2
PSYG1611	Applications of Information & Communication Technologies Lab	1

□ Semester-II (16 Cr. Hrs)

Course Code	Course Title	Cr. Hrs.
PSYG1412	Sociology	2
PSYG1123	Expository Writing	3
PSYG1812	Civic and Community Engagement	2
PSYG1563	Statistics	3
PSYB1023	Schools and Perspectives in Psychology	3
PSYG1012	Islamic Studies / Ethics	2
PSYB1001	Practical in Psychology	1

□ Semester-III (18 Cr. Hrs)

Course Code	Course Title	Cr. Hrs.
PSYG1022	Ideology and Constitution of Pakistan	2
HMP2073	Social Psychology	3
PSYG2712	Entrepreneurship	2

PSYB2212	Counselling Skills Practicum	2
PSYG2583	Analytical Reasoning	3
PSYB2023	Theories of Personality	3
PSYB2043	Biological Basis of Behavior	3

□ Semester-IV (18 Cr. Hrs)

Course Code	Course Title	Cr. Hrs.
RCHP2003	Research Methods-I	3
PSYB2073	Ethical Issues in Psychology	3
PSYB2113	Developmental Psychology	3
PSYB2003	Psychological Assessment	3
PSYB2123	Cognitive Psychology	3
PSYG2xx2	Language-I	2
PSYB2001	Psychological Assessment Practical-I	1

□ Semester-V (16 Cr. Hrs)

Course Code	Course Title	Cr. Hrs.
PSYB3xx3	Allied Course-III	3
PSYB3063	Applied Areas in Psychology	3
RCHP3103	Research Methods-II	3
MTHP3013	Data Analyses	3
PSYB3023	Psychopathology-I	3
PSYB3001	Psychological Assessment Practical-II	1

□ Semester-VI (16 Cr. Hrs)

Course Code	Course Title	Cr. Hrs.
PSYB3xx3	Allied Course-IV	3
PSYB3043	Environmental Psychology	3
PSYB3033	Psychopathology-II	3

PSYB3013	Experimental Psychology	3
PSYB3021	Lab Experiment	1
PSYB3083	Gender Issues in Psychology	3

□ Semester-VII (15 Cr. Hrs)

Course Code	Course Title	Cr. Hrs.
PSYB4103	Cross Cultural Psychology	3
PSYB4043	Health Psychology	3
PSYB4xx3	Elective-I	3
PSYB4xx3	Elective-II	3
RCHP4913	Research Thesis Part-I	3

□ Semester-VIII (15 Cr. Hrs)

Course Code	Course Title	Cr. Hrs.
PSYB4003	Positive Psychology	3
PSYB4013	Peace Psychology	3
PSYB4xx3	Elective-III	3
PSYB4xx3	Elective-IV	3
RCHP4923	Research Thesis Part-II	3



MS Psychology

(iv) CUST Admission Test/HEC Approved Test.

■ Admission Requirements

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

■ Core Courses

Students are required to qualify all the courses listed below:

Course Title	Code	Cr. Hrs.
Advanced Psychological Assessment	PSY5003	3
Advanced Psychopathology	PSY5013	3
Counselling and Psychotherapy	PSY5023	3
Advanced Research Methods and Analyses	PSY5033	3

■ Specialization Courses

A student can claim a specialization if he/she has completed 15 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 30 Cr. Hrs., he/she will be awarded the MS Degree without any specialization.

Clinical Psychology

Course Title	Code	Cr. Hrs.
Foundations of Clinical Psychology	PSY5103	3
Core Clinical Skills	PSY5113	3
Psychopharmacology	PSY5123	3
Therapeutic Approaches	PSY5133	3
Neuropsychological Assessment	PSY5143	3

■ 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 6 Cr. Hrs Thesis
- (ii) 30 Cr. Hrs. course work only (10 courses)

Counselling Psychology

Course Title	Code	Cr. Hrs.
Advanced Counselling Skills and Techniques	PSY5203	3
Group and Family Counselling	PSY5213	3
Professional Ethics and Legal Issues in Psychology	PSY5223	3
Evidence Based Psychological Therapies	PSY5233	3

Forensic Psychology

Course Title	Code	Cr. Hrs.
Forensic Psychological Reports and Expert Witness Testimony	PSY5303	3
Crisis Intervention	PSY5313	3
Substance Abuse, Mental Illness and Trauma	PSY5323	3
Police Psychology	PSY5333	3

Developmental and Educational Psychology

Course Title	Code	Cr. Hrs.
Learning and Individual Differences	PSY5403	3
Social Psychology of Education	PSY5413	3
Psychological Perspectives in Child Development	PSY5423	3
Assessment and Intervention in Education	PSY5433	3

Industrial and Organizational Psychology

Course Title	Code	Cr. Hrs.
Personality and Occupational Assessment	PSY5503	3
Conflict and Grievance Management	PSY5513	3
Occupational Safety and Wellbeing	PSY5523	3
Behavior Modification: Training and Development	PSY5533	3

Common Electives

Course Title	Code	Cr. Hrs.
Qualitative Research and Analyses	PSY5603	3
Introduction to Systematic Reviews and Meta-Analysis	PSY5613	3
Design and Interpretation of Clinical Trials	PSY5623	3

■ Research Thesis

It is mandatory for every student to complete a thesis following the 2nd semester or after the completion of 21 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	PSY6913	3
Research Thesis Part II	PSY6923	3

■ Professional Placements

Each student is required to complete 500 hours of supervised professional training apart from course work and research thesis.

■ 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.



PSYCHOLOGY APPARATUS
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