



SHAHEED BENAZIR BHUTTO WOMEN UNIVERSITY

PESHAWAR

CURRICULUM

OF

M.Phil-PSYCHOLOGY (3-Year Program) M.Phil

Leading to Ph.D/ Ph.D – PSYCHOLOGY (5-Year

Program)

Enlightenment Through Knowledge

ACADEMICS SECTION

SHAHEED BENAZIR BHUTTO WOMEN UNIVERSITY PESHAWAR



**SHAHEED BENAZIR BHUTTO WOMEN UNIVERSITY
PESHAWAR
DEPARTMENT OF PSYCHOLOGY**

M.PHIL /M.PHIL LEADING TO PH.D/ PH.D PROGRAM IN PSYCHOLOGY

MISSION OF THE ADVANCE STUDIES PROGRAMME

The mission of the Psychology advance studies programs is to provide students with the knowledge, skills, and intellectual habits required for successful careers in research, teaching, and professional service. Post Graduate students may specialize in Behavioral Neuroscience, Lifespan Developmental Psychology, or Clinical Psychology. All students study core substantive areas of psychological science as well as more specific areas in their specialization. All students conduct independent research under the supervision of faculty members. Students also may provide psychological services and teach, under faculty supervision, as appropriate for their specialization and career goals. The Psychology postgraduate program has the fundamental mission of providing highly qualified graduate students with excellent preparation for career opportunities in academia, research institutions, professional practice, and private industry in order to serve their profession and the community at large.

As the premier behavioral science, the Psychology postgraduate program makes a major contribution to the department mission of examining human behavior in context. Faculty and graduate students in this program conduct research, teach, provide professional service, seek and receive extramural grant funding, publish in highly respected journals, participate in national and international professional conferences, and actively participate in the professional activities of national psychological organizations.

The advance studies program is integral to the Department's mission of furthering its status as a premier psychology department. Faculty and graduate students in the said program conduct research, teach, provide professional service, seek and receive extramural grant funding, publish in highly respected journals, participate in national and international professional conferences.

ADVANCE STUDIES PROGRAMME OBJECTIVES

Our overarching goal is to prepare students to be competent professionals in different fields of psychology who may function in a variety of professional settings including academic, research, clinical and community. The program's orientation is that of understanding of the processes underlying adaptation and maladaptation within a cultural and biopsychosocial frame, thus throughout all aspects of training the program encourages an awareness of and respect for diversity. Our faculty approach intervention and psychotherapy from a variety of perspectives including developmental, psychodynamic, systemic, behavioral, cognitive-behavioral, humanistic and integrative. Our intent is to enable students to take a creative, empirical, and ethical approach to diagnostic and psychological problems among diverse populations; to critically evaluate and contribute to the evolving body of scholarly literature in the science and practice of psychology; and to integrate the clinical, theoretical, and scientific foundations of psychology. Our specific objectives are to:

Provide students with didactic instruction and supervised training in the practice of clinical psychology. Students will develop the skills needed to:

Evaluate, administer and interpret psychological assessments with an understanding of the psychometric and empirical underpinnings of assessment.

Formulate and apply psychological diagnoses with an appreciation of the conceptual strengths and limitations of current diagnostic approaches and an understanding of the role of etiological and risk processes.

Develop, evaluate, and implement treatment plans that reflect both knowledge of empirically-based principles and an appreciation of individual client characteristics and contextual factors.

Provide students with didactic instruction and mentored supervision in the conduct and evaluation of research. Students will develop the skills needed to:

Understand the strengths and limitations of different research methods.

Understand, utilize and interpret basic descriptive and inferential statistics.

Develop and conduct conceptually-driven and empirically sound research.

Cultivate an understanding of and appreciation for individual and cultural diversity across content areas of science and practice. Students will develop the skills needed to:

Consider the nature and impact of diversity on the administration and interpretation of assessments, the validity of diagnostic formulations, and the appropriateness of a particular treatment plan.

Conduct and evaluate research with an understanding of the influence of cultural diversity on all aspects of the research process

Prepare students to make ethically and legally informed decisions about research, and other professional issues. Students will develop the skills needed to:

Comprehensive knowledge of and skill in implementing the ethical/professional codes, standards and guidelines related to psychological work.

Comprehensive knowledge of the ethical/professional codes, standards and guidelines related to research.

Comprehensive knowledge of and skill in implementing ethical/professional codes, standards and guidelines related to teaching.

REQUIREMENTS OF THE ADVANCE STUDIES PROGRAMME

ADMISSION REQUIREMENTS

S. NO	PROGRAM	ELIGIBILITY
1	M.Phil/M.Phil leading to Ph.D	Minimum CGPA should be 3.0 (Semester System) or 1 st Division (Annual System) from a recognized University. or Relevant Masters' Degree or 4-year education after intermediate (130 Credit Hours). <ul style="list-style-type: none">• NTS GAT (General) with 50% marks.
2	Ph.D	For admission into the PhD minimum CGPA 3.0 (out of 4.0 in the Semester System) or First Division (in the Annual System) in M.Phil/M.S/Equivalent is required. <ul style="list-style-type: none">• NTS GAT (Subject) 60% marks.• Departmental Test with 70% marks.

M.PHIL CREDIT REQUIREMENTS

For award of M.Phil/Equivalent degree, candidates will either need to complete 30 credit hours of course work or complete 24 credit hours of course work along with a minimum of 6 credit hours for research work/thesis.

PH.D REQUIREMENTS

COURSE WORK

Course work of 18 credit hours preferably in the first year is required to be completed and followed by a comprehensive examination for granting candidacy as PhD researcher.

FOREIGN EXPERT EVALUATION

The Ph.D. Dissertation must be evaluated by at least two Ph.D experts from technologically/academically advanced foreign countries in addition to local Committee members.

OPEN DEFENSE

An open defense of Dissertation is essential part of Ph.D Program after positive evaluation.

RESEARCH PAPER

Acceptance/publication of at least one research paper in an HEC approved “X” category journal is a requirement for the award of Ph.D. degree (“Y” in case of Social Sciences only).

PLAGIARISM TEST

The Plagiarism Test must be conducted on the Dissertation before its submission to the two foreign experts.



**SHAHEED BENAZIR BHUTTO WOMEN UNIVERSITY
PESHAWAR
DEPARTMENT OF PSYCHOLOGY**

COURSE CODE	COURSE TITLE	CREDIT HOURS
COMPULSORY COURSES		
PSY-701	Research Methods in Psychology (Compulsory)	3
PSY-702	Statistics (Compulsory)	3
PSY-703	Data Analysis in Psychology (Compulsory)	3
OPTIONAL COURSES		
PSY-704	Principles of Educational and Psychological Measurement	3
PSY-705	Research Seminars	2
PSY-706	Problems in Human assessment	3
PSY-707	Psychometric Theory	4
PSY-708	Guidance & Counseling	4
PSY-709	Cognitive Psychology	3
PSY-710	Clinical Psychology: Theory and Practice	4
PSY-711	Mass Media, Social and Legal Problems	3
PSY-712	Motivation	3
PSY-713	Developmental Psychology	3
PSY-714	Psychology of attitude and Opinion	3
PSY-715	Social Psychology	4
PSY-716	Forensic Psychology	3
PSY-717	Environmental Psychology	3
PSY-718	Deviance and Crime	3
PSY-719	Community Psychology	3
PSY-720	School Psychology	3
PSY-721	Military Psychology	2
PSY-722	Psychological Problem of Special Education	3
PSY-723	Mass Communications	3
PSY-724	Muslim Contribution to Clinical Psychology	3
PSY-725	Theories of Learning	3
PSY-726	Neuropsychology	3
PSY-727	Psychology and Gender	3
PSY-728	Psychology of Special Education	3
PSY-729	Islamic Perspective in Psychology	4
PSY-730	Adolescence Behavioral Problems	3
PSY-731	Psychology of Policing & Law Enforcement	3
PSY-732	Psychology of Self and Identity	3
PSY-733	Educational Psychology	3
PSY-734	Emerging Trends in Measurement	3

PSY-735	Practical Use of Tests in Different Fields	2
PSY-736	Personnel Selection	3
PSY-737	Organization and Management	3
PSY-738	Industrial Psychology And Organizational Psychology	4
PSY-739	Human Factors in Technology	3
PSY-740	Psychology Seminar	1

NOTE

6 Credit hours of Minor Courses are to be studied by the Scholars.
18 Credit hours of Major Courses are to be studied by the Scholars.
Courses No. PSY-701, PSY-702, and PSY-703 are compulsory.
The rest of them are optional courses.



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REVISED COURSES DETAIL FOR 1ST SEMESTER, M.PHIL PROGRAM, SESSION 2015 & ONWARDS

Course Code: PSY-701 (Major)
Course Title: Research Methods in Psychology
Credit Hours: 03

Course Contents:

Basic Concepts in Psychology Research.
Types of Research: Scientific and Non-scientific Research.
Sampling and Data Collection: Probability and Non-Probability samples.
Research Designs: Qualitative and Quantitative.
Data collection Technique, Qualitative Research Design:
 History and Archival Research
 Interview Base Research,
 Narratives Based Research
 Biographical Research
 Focus Group Discussion Based Research
 Grounded Theory Based Research
 Discourse Analysis Based Research
 Ethnographic Research
 Phenomenological Research
 Participant Observation Based Research
 Case Studies Based Research
 Qualitative Evaluation Research.
Quantitative Research Design:
 Survey
 Small „n“ Research
 Single-Factor Experimental Design
 Independent Group Design in Experimental Method
 Repeated Measure Design in Experimental Method
 Complex Design in Experimental Method
 Quasi Experimental Designs
 Quasi Multiple Base Line Design
 Quasi Experimental Design: Interrupted and Multiple Time Series Design
 Psycho-physiological Methods Based Research
 Questionnaire Based Research
 Diary Based Research.

READING MATERIAL

Suggested Reading

- Goodwin, J. C. (2005). *Research Methods in Psychology* (3rd Ed.): John Willy & Sons
- Punch, K. F. (2006). *Developing Effective Research Proposal* (2nd Ed.), London, Thousand Oaks. New Delhi:Sage Publications
- Shaughnessy, J. J., & Zachmeister, B. E., & Zachmeister, S. J. (2006). *Research Methods in Psychology*,(7th Ed.). McGraw Hill Companies
- Craig, J. R., & Metze, L. P. (1986). *Methods of Psychological Research. (2nd Ed)* California: Brooks / Cole Publishing Company.
- Christensen, L. B. (1985). *Experimental Methodology (3rd Ed.)* Allyn and Bacon, In
- Heimen, H. G. (1995). *Research Methods in Psychology*: Houghten Mufflin Co
- Mertens, M. D. (1998). *Research Methods in Education and Psychology: Integrating Diversity with Quantitative and Qualitative Approaches*. Sage Publications, Inc
- Mc. Guigan, F. J. (1990). *Experimental Psychology (5th Ed.)* Prentice Hall Inc. New Delhi
- Numan, L. W. (-). *Social Research Methods: Qualitative and Quantitative Approach* (4th Ed). London: Allyn & Bacon.
- Reaves, C. C. (1992). *Qualitative Research for the Behavioral Sciences*: John Wiley & Sons.
- Rosenberg, K. M., & Daly, H. B. (1993). *Foundations of Behavioral Research: A Basic Question Approach*. New York: Holt, Rinehart and Winston Inc
- Selltiz, Wrightsman, L. S. & Cook, C. W. (1972). *Research Methods in Social Relations* (3rd Ed.) New York: Holt, Rinehart Winston.
- Smith, H & Davis, C. (1998). *Method of Psychological Research (3rd Ed.)*. Prentice Hall
- Warwick, D. P., & Leninger, C. A. (1975). *The Sample Survey Theory and Practice* New York: McGraw Hill Book Company.
- Bloor, M., Frankland, J., Thomas, M., & Robson, K. (2002). *Focus Groups in Social Research*, London: Sage.
- Gerring, J. (2007). *Case Study Research: Principles and Practices*. NY: Cambridge University Press.
- Presser, S., Rothgeb, J. M., Couper, M. P., Lessler, J. T., Martin, E., Martin, J., & Singer, E. (2004). *Methods for Testing and Evaluating Survey Questionnaires*. New Jersey: John Wiley & Sons.
- Cozby, P. C. (2003). *Methods in Behavioral Research*; Boston: MC Graw Hill.
- Breakwell, G. M., Hammond, S., Fife-Shaw, C., & Smith, J. A. (2006). *Research Methods in Psychology* (3rd Ed.). London: Sage.
- Mertens, D. M. (1998). *Research Methods in Education and Psychology: Intergrating Diversity with Quantitative and Qualitative Approaches*. London, Sage.
- Elmes, D. G., Kantowitz, B. H., & Roediger III, H. L. (2003). *Research Methods in Psychology* (7th Ed.). Australia: Thomson
- Mc Burnay, D. H., & White, T. L. (2004). *Research Methods*. Australia: Thomson.
- Fischer, C. T. (Ed.) (2006). *Qualitative Research Methods for Psychologists*. Boston: Academic Press.
- Shaughnessy, J. J. Zchmeister, E.B. Zechmeister, J. S. (2006). *Research Methods in Psychology*, NY: McGraw Hill.

- Mertens, D. M. (1998). *Research Methods in Education and Psychology: Integrating Diversity with Qualitative and Quantitative Approaches*. London: SAGE.
- McBurney, D. H., & White, T. L. (2004). *Research Methods*. Australia: Thomson.
- Gravetter, F. J. Forzano, L. B. (2003). *Research Methods for the Behavioral Sciences*. Australia: Thomson.
- Scale, C., Gobo, G., Gubrium, J. F., & Selverman, D. (Eds.) (2007). *Qualitative Research Practice*. London: SAGE.
- Flick, U. (2006). *An Introduction to Qualitative Research*. London: SAGE.

Course Name: Statistics

Course Code: PSY- 702

Credit Hours: 3

Course Outline:

Introduction, Importance and Limitations of Statistics.

Scales of Measurement

Collection and Presentation of Statistical Data [Graphic Representation of Data].

Basic Concepts of Measures of Central Tendency and Dispersion.

Probability and Theoretical Distributions viz., Binomial and Normal Distribution

Estimation and Confidence Intervals

Level of Significance and Critical Ratio.

Tests of Significations-viz. t-tests and Chi-Square.

Introduction to Analysis of Variance Relating to One and Two Way Classification

Nonparametric Test viz Wilcoxin test, Krukak-Wallis.

Pearson Coefficient Correlation; Spearman Rank Correlation,

Tetrachoric, Phi, Biserial, and Point-biserial Coefficient of Correlation.

Recommended Books:

Ferguson. G.A. (1976). *Statistical Analysis in Psychology and education*.
New York: McGraw Hill.

Fuldoes, J.P. & Fruhter, B.(1978). *Fundamental Statistics in Psychology and Education*. New York: McGraw Hill.

Garret, K.E. (1983). *Statistics in Psychology and Education*. New York: Longmans.

Guilford, j.P. & Fruchter, thB. (1978). *Fundamental Statistics in Psychology & Education*.(6 ed). Auckland: McGraw Hill BookCompany.

• Hays, W. (1963). *Statistics for Psychologists*. New York: McGraw Hill.

Minimum, E.W. & Clarke, R.B. (1982). *Elements of Statistical Reasoning*.
New York: Wiley.

Winer, R. J. (1971). *Statistical Principles in Experimental Design*. New York: McGraw Hill.

Wright R.L. (1976). *Understanding Statistics: An Informal Introduction for the Behavioral Sciences*. NY: Harcourt Brace & Jovenovich

Course Code: PSY-703 (Major)
Course Title: Data Analysis in Psychology
Credit Hours: 03

Course Contents:

Introduction to Word and Excel
A detailed orientation to SPSS environment
Writing, formatting and handling data
Data screening and Manipulation
Graphical representation of data
Assumption Testing
Data exploration: Descriptive statistics, Reliability testing
Hypothesis testing
One sample t-test, Independent sample t-test, Paired sample t-test
Analysis of Variance (ANOVA)
Correlation (types, uses, and reporting)
Linear Regression (Simple and Multiple)
Mediation and Moderation
Reporting results according to APA 6th Edition
AMOS

Reading Material

Field, E. (2013). *Discovering Statistics Using SPSS* (4th ed.). London: Sage Publications.
Clayton, K. N. (1984). *An Introduction to Statistics for Psychology and Education*.
Columbus: Charles, E.
Merrill Publishing Co.
Mertens, D. M. (1996). *Research Methods in Education and Psychology*. London: Sage
Publications.
Shaugnessy, J., Zechmeister, E., & Zechmeister, J. (2003). *Research Methods in
Psychology*. New York. McGraw Hill.

Course Name: Principles of Educational and Psychological Measurement **Course Code:** PSY-704

Credit Hours: 3

Course Outline:

Measurement and evaluation in Psychology and Education
Introduction of Psychological Testing: Definition, History and Types.
Test Administration and Factors Affecting Performance on Tests.
Item Analysis: Difficulty Level and Discriminatory Power of items.
Norms: Definition and types; Normal Distribution Curve; Skewness and Kurtosis.
Validity: Definition and Aspects (Construct, content & criterion related validity)
Factors affecting validity.
Reliability; Definition; Types of Reliability; Standard error of Measurement;
Factors affecting reliability coefficients.
Steps in the Process of Test Construction and Standardization
Intelligence: definition and theories.
APA code of ethics for Testing and Assessment

Recommended Books:

- Anastasi, A. & Urbina, S. (1997). Psychological Testing. (7th ed.). New York: Prentice Hall International Inc.
- Anstey, E. (1966). Psychological Tests. Belfast: University Press.
- Crocker, L. & Algina, J. (1986). Introduction to classical and modern test theory. New York: Holt, Rinehart, & Winston.
- Cronbach, L. J. (1966). Essentials of psychological testing. (2nd ed.). New York: John Weather Hill, Inc.
- Cunningham, G.K. (1986). Educational and Psychological Measurement. New York: Macmillan Publishing Company.
- Dick, W. & Hagerty, N. (1971). Topics in Measurement: Reliability and Validity. New York: McGraw Hill Book Company.
- Holtzman, W.H. Projective techniques. In Triandis, H.C. & Berry, J.W. (1990). Handbook of Cross Cultural Psychology: Methodology. Boston: Allyn and

Bacon, Inc; (II), 245-278.

Hopkins, K. D. (1996). Educational and Psychological Measurement and Evaluation. (8th ed.). Boston: Allyn & Bacon.

Kaplan, R. M. & Succuzzo, D.P. (1982). Psychological Testing: Principles, Applications, and Issues. California: Brooks: Cole Publishing Company.

Khan, M.J. (1996). (1996). Validation and Norm Development of Siddiqui-Shah Depression Scale (SSDS). M.Phil. Dissertation. Peshawar: Department of Psychology, University of Peshawar.

Kline, P. (1986). A Hand Book of Test construction: Introduction to Psychometric Design. New York: Methuen.

Sax. G. (1980). Principles of Educational and Psychological Measurement and Evaluation. Belmont CA: Wadsworth.

Course Code: PSY-705 (Minor)
Course Title: Research Seminars
Credit Hours: 02

How to do Meta, Mega Analysis, Presentation, Moc research Design

Course Outline:

The fundamental nature of measurement
Objective Tests as Instruments of Psychological Theory
The evaluation of measurement Properties
Assessment for selection
Assessment of Intellectual Abilities
Assessment of Personality
Cognitive approaches to personality assessment
Assessment in social context
Assessment of Interests
Assessment of attitudes

Recommended Books:

Jackson, D. N., Messick, S. & Thorndike. (1967). Problems in Human Assessment. New York: McGraw Hill.
Nunnally, J. C. (1964). Educational measurement and evaluation. New York: McGraw Hill Book Company.
Nunnally, J.C. (1964). Psychometric Theory. New York: McGraw Hill Book Company.
Oppenheim, A.N. (1992). Questionnaire Design, Interviewing, and Attitude Measurement. London: Pinter Publishers.
Robinson, J.P. & shaver, P.R. (1980). Measures of Social Psychological Research.

Course Name: Psychometric Theory		Course Code: PSY- 707
Credit Hours: 4		
<p>Course Outline:</p> <p>Test theory : Problems in measurement of psychological constructs Scaling Methods: (a) Factors and Factors Loading Rotation (c) The number of factors (d) Community and Uniqueness Meta Analysis. Item Response Theory: Latent Trait Theory and Items Characteristic Curve</p> <ul style="list-style-type: none"> ▪ The Concept of Bias (a) Item Bias (b) Test Bias and Cultural Relativism. Generalizability theory Scoring Methods (a) Correcting for guessing (Formula Scoring) (b) Credits for partial knowledge. Standard Setting (a) Approaches to standard setting (b) Judgement based on item content (c) Judgement based on performance of examiners. Latest Trends & Future of Psychological Testing. <p>Recommended Books:</p> <p>Hopkins, K.D. (1998). Educational and Psychological Measurement and Evaluation. (8th ed.). Boston : Allyn & Bacon. Magnusson, D. (1967). Test theory. Massachusetts: Addison Wesley Publishing Company. Murphy, K. R. & David'shofer, C.O. (1988). Psychological testing: Principles and Applications. New Jersey: Prentice Hall. Nunnally, J. C. (1964). Educationally measurement and evaluation. New York: McGraw Hill Book Company. Nunnally, J.C. (1967). Psychometric Theory. New York: McGraw Hill Book Company. Oppenheim, A.N. (1992). Questionnaire Design, Interviewing, and Attitude Measurement. London: Pinter Publishers.</p>		
Course Name: Guidance & Counseling		Course Code: PSY- 708

Credit Hours: 4

Course Outline:

History and present status
 Various counseling approaches, techniques and practices
 Group counseling, counseling of adolescents
 New trends in counseling
 Educational and vocational guidance
 Tests and material for guidance and counseling programmers
 Guidance and counseling services in Pakistan

Recommended Books:

Bergin, A. & Garfield. (1994). Hand Book of Psychotherapy and Behavior Change. New York: John Wiley.
 Brems, C. (2001). Basic skills in Psychotherapy and Counseling. U.S: Brooks/ Cole Publishers.
 Caizzo D. & Grpss, D. (1991). Introduction to counseling: Perspectives for the 1990. Boston: Allyan and Bacon.

- Corey, G. (1996). Theory and Practice of Counseling and Psychotherapy. (5th ed.). NY: Brooks/ Cole Publishing Company.
- Corsini, J.R., & Wedding, D. (1995). Current Psychotherapies. (5th ed.). Illinois: F. E. Peacock Publishers, Inc.
- Druden, Windy. (1992). Hard-Earned Lessons from counseling in action. Beverly Hills: Sage Publications.
- Eisenberg, S. & Delaney, D. (1978). The Counseling Process. NY: Rand McNally.
- Erskine R. & Moursund, J.(1988). Integrative Psychotherapy in Action. Benerly Hills. Sage Publications.
- Gibson, L. R., Mitchell, H. M, (2006). Introduction to Counseling and Guidance. (6th Ed.). New Delhi: Prentice Hall.
- Harvy, P. (1988). Health Psychology. London. Longman.
- Hersew N, Kazdin A, & Bellack. (1991). The Clinical Psychology Handbook. N.Y: Pergamon Press.
- Ivery, A. & Irey M. (1993). Counseling and Psychotherapy: A Multicultural Perspective. Boston. Allyn and Bacon.
- Journal of Counseling and clinical Psychology
- Journal of Counseling Psychology
- Korchin, S. (1986). Modern Clinical Psychology. New York: Basic Books.
- Kottler, A. J. (1986). On Being Therapist. San Francisco: Jossey-Bass.
- Synder, C.R & Forsyth. D. (1991). Handbook of Clinical and social Psychology. New York: Pergamon Press.
- Walker E. & Roberts, M. (1992). Hand book of Clinical Child Psychology. New York: John Wiley and Sons.

Course Name: Cognitive Psychology

Course Code: PSY- 709

Credit Hours: 3

Course Outline:

Introduction to cognitive Psychology
 Cognition and the brain: basic principles
 Perception, attention and awareness

Sensory, short term and working
 Long term memory: Basic Principles
 Every day memory and memory
 Errors, Visual images
 Problems solving, reasoning and decision making
 Languages

Recommended Books:

- Bourne, L. E., Dominowski, R. L., and Loftus, E. F.(1970). Cognitive Processes. Prentice Hall Inc. N.J.
- Burning, Roger. H., Schw, G. J. Ronning, R.R. (1999). Cognitive Psychology and Instruction, (3rd ed.). NJ: Prentice Hall.
- Buyer, L.S. (2004). Study Guide for Reed's Cognition: Theory and Application, (6th ed.). Belmont, CA: Wadsworth/ thomson Learning.
- Goldstein, E.B. (2005). Cognitive Psychology: Connecting Mind, Research and Everyday Experience. Belmont, CA: Thomson Wordsworth.

McGraw, K.M (2000), Contributions, of the Cognitive Approach to Political Psychology. International society of Political Psychology, Ohio.
Reed, S.K. (2004). Cognitive Theory and Application, (6th ed.). Pacific Groove, C.A: Brooks/Cole Publishing Company.

Course Name: Clinical Psychology: Theory and Practice	Course Code: PSY- 710
Credit Hours: 4	
Course Outline: The evaluation of psychotherapy: Research design & methodology. Psychopathology Neurotic Disorder, Psychotic disorders. Selected theoretical approaches to specific psychotherapies. (Psychodynamic, Behavioural, Phenomenological) Communication Skills, Role of Communication, Pseudo Communication Effect of mass media on mental health. Community psychology and mental health.	
Recommended Books: Bootzin, R.P.& Acocellah, J. R.(1988). Abnormal Psychology, Current Perspectives (Ed.)New York: Random House. Brenner, C. (1955). Elementary Textbook of Psychoanalysis. New York: International University Press. Coleman, J.C & Broen. (1988). Abnormal Psychology and Modern Life. (8 th ed.), New York: Scott, foresman & Co. Colloby, K.M. (1951). A primer for Psychotherapists. John Wily & Sons. Freud, S. (1933). Introductory Lectures in Psychoanalysis. London: George Allen and Unwin. Garfield, S.L & Bergin A. E.(1986). Handbook of Psychotherapy and Behaviour Change. New York: John Wiley & Sons. Gerfield, S.L & Bergin A. E.(1986). Handbook of Psychotherapy and Behaviour Change. New York: John Wiley & Sons.	

Horney, K. (1939). *New Ways in Psychoanalysis*. London: Routledge and Kegan Paul.

Korchin, J.S (1986). *Modern Clinical Psychology*. NY: CBS Publishers.

Neale & Davison. (1990). *Abnormal Psychology*. (5th ed). New York John Wiley & Sons.

Nietzel, M.T & Bernstein, D.A. (1990). *Introduction to Clinical Psychology*. New Jersey Prentice Hall.

Savage, R.D. (Ed). (1966). *Readings in Clinical Psychology*. London: Pergamon Press.

Shaffer, G.W. & Lazarus, R.S. (1952). *Fundamental Concepts in Clinical Psychology*. New York: McGraw Hill.

Singer, E. (1965). *New Concepts in Psychotherapy*. New York: Random House.

Tomkins, S.A (Ed). (1953). *Contemporary Psychopathology*. Cambridge, Mass Harvard University Press.

White, R.W. (1981). *The Anormal Personalty*.New York: Ronald Press.

Course Name: Mass Media, Social and Legal Problems	Course Code: PSY- 711
Credit Hours: 3	
Course Outline:	
<p>Mass Media Crisis</p> <p>Mass Media and minority groups</p> <p>Culture and Mass communication: Violence, Sex, Crime, and Media</p> <p>Mass media and mental health</p> <p>Mass media and welfare</p> <p>Mass media, politics and attitude. Mass media feedback systems.</p> <p>Television and social behaviour</p> <p>Television and Social Poicy for children</p> <p>Organizational communication and communication effectively</p> <p>The Agenda-setting function of the press</p> <p>Displacement effect of television</p> <p>Regulation of the mass media. Formal controls: Law, rules, copy right, advertising, obscenity. Media ethics. News reporting.</p>	
Recommended Books:	
<p>Defleur, M. & Rokeach, S.B. (1989). <i>Theories of Mass Communication</i>. Longman Dominick, J. (1996). <i>The Dynamic of Mass Communication</i>. McGraw Hill.</p> <p>Edwin, E., Ault, P. & Agee, W. (1960). <i>Introduction to Mass Communication</i>. New York: Dodd.</p> <p>Klapper, J.T. (1960). <i>The effects of Mass Communication</i>. Free Press.</p> <p>Lowey, S., & Defleur, M. (1988). <i>Milestones in mass communication Research Media effects</i>. New York: Longman</p> <p>Schramm, W. Ed. (1961). <i>The Process and Effects of Mass Communication</i>. University of Illinois Press Urbana.</p>	

Course Name: Motivation	Course Code: PSY- 712
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Credit Hours: 3

Course Outline:

Definition, Nature and Scope
 Historical Background
 Motivated behaviour characteristics and determinants
 Methods used to assess human motivation
 Projective techniques
 Theories of Human Motivation: (a) Behavior theory (b) Cognitive theory
 (c) Need-drive-incentive theory, (d) Stimulus-Cue theory (e) Motivational
 Theory of Emotion (f) Theories of reinforcement (g) Theories of Achievement
 Motivation : Expectancy theory, Equity Theory
 Incentive Motivation, Tendency to achieve success, tendency to avoid failure
 Fear of success in Woman

Recommended Books:

Baron, R.A. & Byrne, D. (1987). Social Psychology: Understanding Human Interaction. Boston: Allyn & Bacon.
 Baron, R.A. & Byrne, D. (2000). Social Psychology. (9th ed.). New York: Pearson Education Asia.
 Berkowitz, L.S.(1986). Survey of Social Psychology. (3rd ed.). New York: CBS Publishing.
 Freedman, J.L., Sears D.O., & Carlsmith, J.M. (1981). Social Psychology. (4th ed.). New York: Prentice Hall.
 Hogg, M.A., & Vaughan, G. M. (1995). Social Psychology. (2nd ed.). London: Prentice Hall.
 Myers, D.G. (1994). Exploring Social Psychology. NY: McGraw Hill.
 Taylor, S.E., Peplau, L.A., & Sears, D.O.(1994). Social psychology. (8th ed.). New Jersey: Prentice Hall. Englewood Cliff.
 Wiggins, J.A., Wiggins, B.B., Zanden, J.W., (1994). Social psychology. (5th ed.). McGraw-Hill, Inc.

Course Name: Developmental Psychology	Course Code: PSY- 713
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Credit Hours: 3

Course Outline:

Introduction to Developmental Psychology
 Piaget's theory : Milestones and Mechanisms
 Information processing Theories of Development
 Socio-cultural Theories of Development
 Sensation, Preception and Biological Development
 Conceptual Development and Theory of mind
 Individual differences in languages development
 Emotions and Emotional Regulation
 Relationships and attachment Theory
 Parenting and parenting styles
 Developmental Disabilities

Recommended Books:

Hurlock, E.B. (1959). Developmental Psychology. New York: McGraw Hill.
Hurlock, E.E. (1964). Developmental Psychology. New York: McGraw Hill.
Jersild, A.T. (1957). The Psychology of Adolescence. New York: Macmillan
Munn, N.L. (1959). The Evolution and Growth of Human Behaviour. Houghton: Mifflin Co.
Ptessery, S.L. & G.R Kuhlen (1965). Psychological Development throughout the span. New York: Harper.

Course Name: Psychology of Attitude and Opinion	Course Code: PSY- 714
Credit Hours: 3	
Course Outline: Theories of Attitude and Opinion Relationship between attitude and behavior Techniques of attitude scale construction and attitude measurement Attitude and opinion survey Construction of an attitude scale and its application	
Recommended Books: Baron, R.A. & Byrne, D. (1987). Social Psychology: Understanding Human Interaction. Boston: Allyn & Bacon. Baron, R.A & Byrne, D. (2000). Social Psychology. (9 th ed.). Nw York: Pearson Education Asia. Berkowitz, L.S. (1986). Survey of Social Psychology. (3 rd ed.). New York: CBS Publishing. Freedman, J.L., Sears D.O., & Carlsmith, J.M. (1981). Social Psychology. (4 th ed.). New York: Prentice Hall. Hogg, M.A. & Vaughan, G. M. (1995). Social Psychology. (2 nd ed.). London: Prentice Hall. Myers, D.G. (1994). Exploring Social Psychology. NY: McGraw Hill. Taylor, S.E., Peplau, L. A., & Sears, D.O. (1994). Social psychology. (8 th ed.). New Jersey: Prentice Hall Englewood Cliff. Wiggins, J.A., Wiggins, B.B., & Zanden, J.W. (1994). Social psychology. (5 th ed.). McGraw-Hill, Inc.	
Course Name: Social Psychology	Course Code: PSY- 715
Credit Hours: 4	
Course Outline: Methods of social psychology Some selected theories of social psychology Impression formation and stereotyping Inter-group behavior Norm formation, Social influence, and conformity	

Social change
 Social Psychological aspects of refugees problem
 Contributions of social Psychology in rural development
 Social Psychological problems of women
 Leadership and Social power
 Small groups
 IDPs and Disaster Stricken Peoples' problems

Recommended Books:

Baron, R.A. & Byrne, D. (1987). Social Psychology: Understanding Human Interaction. Boston: Allyn & Bacon.
 Baron, R. A. & Byrne, D. (2000). Social Psychology. (9th ed.). New York: Pearson Education Asia.
 Berkowitz, L.S. (1986). Survey of Social Psychology. (3rd ed.). New York: CBS Publishig.
 Freedman, J.L., Sears D.O., & Carlsmith, J.M. (1981). Socail Psychology. (4th ed.). New York: Prentice Hall.
 Hogg, M.A. , & Vaughan, G.M. (1995). Socail Psychology. (2nd ed.). London: Prentice Hall.
 Myers, D.G. (1994). Exploring Social Psychology. NY: McGraw Hill.
 Taylor, S.E., Peplau, L. A., & Sears, D.O. (1994). Social psychology. (8th ed.). New Jersey: Prentice Hall Englewood Cliff.
 Wiggins, J.A., Wiggins, B.B., & Zanden, J.W. (1994). Social psychology. (5th ed.). McGraw-Hill, Inc.

Course Name: Forensic Psychology

Course Code: PSY- 716

Credit Hours: 3

Course Outline:

An overview of Forensic Psychology
 Mental health, social science and Law Police Psychology
 Police Psychology
 Investigative Psychology and criminology
 Applied Criminology
 Criminal Psychology
 Moral development and developmental theories of crime

Recommended Books:

Bartol, C.R (2002). Criminal behaviour: A Psychsocial Approach. (6th ed.). N.J: Prentice Hall, Saddle River.
 Eckert, W.G. (1990). Introduction to Forensic Science, London: The C.V. Mosby Company.
 Gordon, R. (1995) Foresic Psychology: a guide for lawyers and the mental health professions. Tucson, Ariz, Lawyers and Judges Publishing Co.
 Hussain, S.S (1999). A teext book of forensic Medicine and Toxicology. Lahore: The Carvan Book House.

Polson C.J., Gee, D.J. & Knight, B. (1985). The Essentials of Forensic medicine (4th ed.). New York: Pergamon Press.

Course Name: Environmental Psychology **Course Code:** PSY- 717
Credit Hours: 3

Course Outline:
Introduction to environmental Psychology
Theories in environmental Psychology
Environmental perception and cognition
Environmental attitudes, appraisals and assessments
Preferences for nature in urbanized psychology
Educational environmental psychology
Workplace environmental Psychology
Health care environmental psychology

Recommended Books:
Anderson-Hanley, C. M. (1997) adventure Programming and Spirituality: Integration Models, methods and research. Journal of Experimental Education. 20(2). 102-108.
Bell, P., Greene, T., Fisher, J., & Banum, A. (2001). Environmental Psychology, (5th ed.). New York: Hardcourt-Brace, Inc.
Durning, A. (1992). How Much is Enough? The Consumer Society and the Furture of the Earth. New York: Norton.
Gallagher, W. (1993). Saving the World. The Power of Place. New York : Harper Collins.
Helgesen, S. (2001). Six Strategies for trainging the New World of Work. New York: The Free Press.
Miller, T. (1998). Acognitive approach to wanting what you have. Wanting What You Have: A sElf-Discovery Workbook. Oaklan., CA New Harbinger Publications.
Myers, D. G., & Diener, E. (1996). The pursit of happiness. Scientific American. 70-72.
Quinn, D. (1992). Ishmael: An Adventure of the Mind and Spirit. New York: Bantam. Sliversteon, S. (1964). The Giving Tree: NY: HarperCollins.

Course Name: Deviance and Crime **Course Code:** PSY- 718
Credit Hours: 3

Course Outline:
Introduction of deviant behavior: General conceptualization
Theories of deviant behavior: Social, Psychological and interaction perspective
Spotlight on deviant behavior problems and anti-social dispositions
Delinquency and Crime
Psychopathology
Alienation and Corruption

Recommended Books:

- Bartol, C.R. (2002). Criminal Behavior: A Psychosocial Approach. (6th ed.). N.J: Prentice Hall, Saddle River.
- Eckert, W.G. (1990). Introduction to Forensic Science. London: The C.V. Mosby Company.
- Gordon, R. (1995). Forensic Psychology: A guide for lawyers and the mental health professions. Tucson, Ariz, Lawyers and Judges publishing Co.
- Hussain, S.S. (1999). A text book of forensic Medicine and Toxicology. Lahore: The Carvan Book House.
- Polson C.J., Gee, D.J. & Knight, B. (1985). The Essentials of Forensic medicine (4th ed.). New York: Pergamon Press.

Course Name: Community Psychology**Course Code:** PSY- 719**Credit Hours:** 3**Course Outline:**

- Meanings and history of community psychology
- Methods of community research
- Applications of community psychology: mental health projects of primary prevention and early intervention; community mental health projects: grass root action projects.
- Evaluation of community psychology projects
- Community project in Pakistan

Recommended Books:

- Allens, G. J. & Chinsky, J. M. & Larcen, S. (1990). Community Psychology and the Schools: A Behavioral Oriented Multilevel. Preventive Approach. NY: Pergamon.
- Gallagher, W. (1993). The Science of Place: in the Power of Place. New York: Poseidon Press. 11-24
- Levine, M. & Perkins, D. (1987). Principles of Community Psychology: Perspectives and applications. Oxford: University Press

Course Name: School Psychology**Course Code:** PSY- 720**Credit Hours:** 3**Course Outline:**

- Pakistani school scene: Structure and functions of school education in Pakistan
- Learning theories and their application in classroom
- Developmental theories and their application in classroom
- Classroom observation techniques
- Dynamics of teacher-pupil interaction in schools
- Role of peer-group in schools
- School-home interaction
- Psycho-pedagogy: Psychological theories in the practice of teaching
- Psychological bases of teaching material

Educational and psychological testing in schools
 Counseling and guidance in schools
 Children with special needs
 School and community

Recommended Books:

Bedkin, G.D. (1980). Introduction to Counselling.(3rd ed.). Long Island: Wm. C. Brown Publisher.

Chibber, S.K. (1999). Evidence and Educational counselling. New Delhi: Commonwealth Publishers.

Crow, L.D. (1999). Educational Psychology. New Delhi: Eurasion Publishing Mouse Ltd.

Hai, S.A. (1958). How Children Grow: An Introduction to Child Psychology: with topics of Educational Psychology and General Psychology. Warsi Dacca.

Hidgard, E.R. (1975). Theories of Learning. 4th ed. New Jersey: Prentice Hall, Inc.

Kuppuswamy. (1991). Advanced Educational Psychology. Sterling.

McDonald, F. (1960). Educational Psychology. Wadsworth Publishing Company Francisco.

Sprinthall, N. and Sprinthall, R. (1987). Educational Psychology: A Developmental Approach. New York: Random House.

Sprinthall, N. (1987). Educational Psychology: A Developmental Approach. New York: Lane Akers, Inc.

Stephens. (1951). Educational Psychology: The Study of Educational Growth. Henry Holt.

Course Name: Military Psychology	Course Code: PSY- 721
Credit Hours: 3	

Course Outline:

- Meaning and scope of military psychology
- Selection process, job analysis, testing and placement
- Training in Armed Forces.
- Performance evaluation & Career planning
- Accident Proneness, diagnostic and preventive measures
- Stress sensitivity and clinical rehabilitation
- Psychological warfare, Psychology Ops, Debriefing
- Behavior modification, interrogation, debriefing
- Attitude, motivation, moral and discipline
- Special psychological problems of army, navy and Air Force

Recommended Books:

Bass, B.M. (1981). Leadership on the Future battle field. Rawalpindi: Army Education Press.

Boring, E.G.(1975). Psychology for the Armed Forces. New York: John Wiley.

Framken, R.E. (1983). Human Motivations. New York: John Wiley.

Gal. R. & Droff, M A.D. (1991). Hand book of Military Psychology. New York: John Wiley.

Hent J.G. & Balair J.D. (1988). Leadership on the future battle field. Rawalpindi: Army Education Press.

Rehman, A., Gill, G.A., & Ahmad, S.L. (Eds.) (1992). Pakistan Army Green Book, Lahore: Feroz Sons.

Segal, D.R. & Goldman, N. (1976). The Social Psychology of Military Psychology. NY: McGraw Hill.

Shelyag, V.V., Glotoch, A.D. & Platonov, K.K. (1992). Military Psychology (A soviet view). Moscow: Military Press.

Waris M.T.O., Abbaso, M.S. & Ali, S.I. (Eds.). (1990). Pakistan Army Green Book. Lahore: Feroz sons.

Wiskoff, M.E. & Rampton, G. (Eds.). (1989). Military Personnel Measurement: New York Green Book.

Course Name: Psychological Problems of Special Education	Course Code: PSY- 722
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Credit Hours: 3

Course Outline:

Special children and their needs
 Nature and special psychological problems associated with hearing and visual impairments: and physical disability
 Mental retardation; Nature, causes and classification
 Assessment of mental retardation
 Teaching children with special educational need. Integration of SEN Children in the main stream
 Family and community. Their attitudes towards children with SEN and their role in teaching.

Recommended Books:

Hallahan, D. & Kauffman, J. (1986). Exceptional Children: Introduction to special education. NY: Prentice Hall.

Heward, W. & Orlarisky, M. (1988). Exceptional Children: An introductory survey of special education. NJ: Merrill

Milles, C. (1985). Special Education for Mentally Retarded. London: Mental Health Centre.

Course Name: Mass Communications	Course Code: PSY- 723
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Credit Hours: 3

Course Outline:

Nature and functions of mass communication
 Theories of Mass communications
 Methods to study mass communications
 Impact of mass communication on national development
 Distance education
 Politic and television
 Psychological research in Pakistan
 Mass communication and Natural Character

Recommended Books:

- Edwin, E. & Ault, P., & Agee, W. (1960). Introduction to Mass Communication. Dodd New York.
- Dominick, J. (1996). The Dynamic of Mass Communication. McGraw Hill.
- Josheph, K.T. (1960). The Effects of Mass Communication. Free Press.
- Defleur, M. & Rokeach, S.B> (1989). Theories of Mass Communication on General Knowledge. Peshawar: Top Printers.
- Aziz, N., & Ahmad, A. (1980). The Effect of Mass Communication. Research Media Effects. New York: Longman.
- Schramm, W. (Ed.). (1961). The Process and Effects of Mass Communication. Urbana: University of Illinois.

Course Name: Muslim Contribution to Clinical Psychology	Course Code: PSY- 724
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Credit Hours: 3

Course Outline:

Historical background of Muslim Psychology survey OF Muslims contribution to Psychology.
 Doctorine of Tasawwaf with reference to Sufi & Saints
 Muslim Traditions in Psychotherapy
 Contribution of modern Psychologists in Muslim Traditions of Therapy in Pakistan

Recommended Books:

- Ajmal, M. (1986). Muslims Contribution to Psychotherapy and other Essays. Islamabad: National Institutes of Psychology
- Amber, H. (2004). Psychology from Islamic Perspective: contribution of early Muslim scholars and challenges to contemporary Muslim Psychologists. Journal of Religion and Health. I: 210-255.
- Hanafy, Y.A., Fatma, A., & Dening, T.R. (1996). Evidence for the existence of schizophrenia in medieval Islamic society. History of Psychiatry.
- Ibrahim, B. (2002). Islamic Medicine: 1000 years ahead of its times. Jouranal of the International Society for the History of Islamic Mrdicine. II:114-151.
- Plott, C. (2000). Global History of Philosophy: the period of Scholasticism, Motivala: Banarsideass.
- Rizvi, A.A. (1989). Muslim tradition in Psychotherapy and Modern Trends: psychotherapy of Ghazali, shah Waliullah and Thanvi. Lahore: Institute of Islamic Culture.
- Sharif, M.M. (Ed.). (1966). A History of Muslim Philosophy. Wiesbaden: Harrassowitz.

Course Name: Theories of Learning	Course Code: PSY- 725
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Credit Hours: 3

Course Outline:

Stimulus & Response Theories
 Cognitive theories
 Thorndike Connectionism

Guthrie's Contiguity Principle
 Watson's theory
 Hull Systematic Behavior theory
 Skinner, Operant Learning
 Tolman's Cognitive theory
 Gestalt Theory of Learning
 Psychoanalytic Conceptions that have influenced learning experiments & theories
 Current developments in learning theory

Recommended Books:

Allen, B. (1997). Personality theories: Development, Growth and Diversity. Boston: Allyn & Bacon.
 Barker, R.G. (). The stream of behavior. New York: Appleton Century crafts.
 Fordham, R. (1953). An introduction to Jung's psychology. NY: Penguin.
 Hall, C.S, and Lindzey, G. (1978). Theories of personality. (2nd ed.). NY: John Wiley and Sons.
 Hilgard, E. R., & Bower, G. H. (1966). Theories of learning. New York: Appleton Century-Crafts
 Rogers, C. (191). On becoming a person. NY: Houghton Mifflin.

Course Name: Neuropsychology	Course Code: PSY- 726
Credit Hours: 3	
<p>Course Outline: The Development of Neuropsychology The Neurological Exam & Clinical Tests Common Neuropsychological symptoms & syndromes The neuropsychodiagnostic interview Rehabilitation of the neuropsychologically handicapped.</p>	
<p>Recommended Books: Beatty, J. (1995). Principles of behavioral neuroscience. Brown & Benchmark: Dubque, 1A. Brown, H. (1976). Brain and Behavior: a Text Book of Physiological Psychology. NY: Oxford University Press. Brown, T.S. & Waltace, P.M. (1980). Conversations with Neil's Brain: The Neural nature of Thought and Language. Reading, M.A: Addison-Wesly Publ.Co. Cooper, J.R., Bloom, F.I. & Wroth, R.J. (1989). Biochemical. Basis of Neuro Pharmacology. London: Oxford University Press. Curtis, B.A., Jacobson, S.J., & Marcus, E.M. (1992). An Introduction to the Neurosciences, Philadelphia: W.B. Saunders.</p>	

Diamond, M.C. Scheibel, A.B., & Elson, L.M. (1985). The Human Brain Coloring book. New York: NY: Harper Perennial.

Koib, B., & Whishawa, I.Q. (2003). Fundamentals of Human Neuropsychology (4th Edition). W.H. Freeman and Company.

Pine, J.P. (2000). Biopsychology (4th ed.). Allyn and Bacon.

Rimble, D.P. (1988). Biological Psychology. New York: Holt, Rinehart and Winston, Inc

Rorh, B. & Whisaw, L.Q. (1980). Fundamentals of Human Neuro Psychology, USA Wit Freeman and Company.

Schnelder, A.E., Tarshis, B. (1995). Elements of Physiological Psychology. New York: McGraw Hill.

Skinner, J.E, (1980). Neuro-Sciences. (Alab Manua) London: W.B. Sanders & Co.

Stellar, E. & Sprague, J.M. (1968). Process in Physiological Psychology. (Ed.). New York: Academic Press.

Thompson, R.F. (1980). Physiological Psychology. New York: Harper International Edition.

Course Name: Psychology and Gender	Course Code: PSY- 727
Credit Hours: 3	

Course Outline:

- Historical, Theoretical and Methodological Issues
- Developmental Issues
- Social roles and social systems
- Issues of Physical and Mental health
- Gender and Power
- Gender discrimination
- Gender based violence
- Gender related issues in Pakistan

Recommended Books:

Arry and Mailand. (1997). Psychology of Women. USA: Foreman and Company.

Bem, S.L. (1983). Gender schema theory and its implications for child development: Raising gender-aschematic children in a gender schematic society. Signs, 8,598-616.

Buss, D.M.(1995). Psychological Sex Difference: Origins Through Sexual Selection. American Psychologist. 50: 164-168.

Eagly, A.H., & Wood, W. (1999). The Oruigins of Sex Differences in Human Behavior: Evolved Dispositions Verses Social Roles. American Psychologist. 54: 408-423

Golombok, S., & Fivush, R. (1994). Gender Development. New York: Cambridge University Press.

Taylor, S. E., Klein, L. C., Lewis, B. P., Gruenewald, T. L., Gurung, R. A. R., & Pdegraff, J. A. (2000). Biobehavioral Responses to Stress in Females: Tend-and befriend, not fight-or-fight. Psychological Bulletins, 107, 411-429.

Course Name: Psychology of Special Education	Course Code: PSY- 728
Credit Hours: 3	
<p>Course Outline:</p> <p>Special children and their needs Nature and special psychological problems Causes and classification Assessment of problems of special children Teaching children with special educational needs and their integration in the main stream. Problems of exceptional children and their handling. Family and community's role</p>	
<p>Recommended Books:</p> <p>Hallahan, D. & Kauffman, J. (1986). Exceptional Children: Introduction to Special Education. Prentice Hall. Heward, W. & Orlarisky, M. (1988). Exceptional children: an Introductory Survey of Special Education. Merrill Milles, C. (1984). Special Education For Mentally Retarded. London: Mental Health Centre.</p>	
Course Name: Islamic Perspective in Psychology	Course Code: PSY- 729
Credit Hours: 4	
<p>Course Outline:</p> <p>Nature and Scope Muslims' Contributions to Psychology, Doctrine of Tasawwuf with reference to Sufi Saints. Fundamentals of Islam and their Psycho social significance Personality development in Islam. A critical analysis of different theories of Personality Basic Traits of a Muslim Psychologist. Comparison of Islamic perspective with Modern Psychology Concept of Psychopathology in Islam Quranic Therapies.</p>	
<p>Recommended Books:</p> <p>Ajmal, M. (1986). Muslim Contribution to Psychology and Other Essays. Islamabad: National Institute of Psychology. Amber, H. (2004). Psychology from Islamic Perspective: contribution of early Muslim scholars and challenges to contemporary Muslim Psychologists. Journal of Religion and Health. Plott, C. (2000). Global History of Philosophy: the period of Scholasticism. Motiovala Banarsideass. Rizvi, A.A. (1989). Muslim tradition in Psychotherapy and Modern Trends.</p>	

Lahore: Institute of Islamic Culture.
 Ibrahim, B. (2002). Islamic Medicine: 1000 years ahead of its times. Journal of the International society fro the History of Islamic Medicine.
 Hanafy, Y. A., Fatma, Y.A. & Dening, T.R. (1996). Evidence for the existence of schizophernia in medieval Islamic society. History of Psychiatry.

Course Name: Adolescence Behavioral Problems	Course Code: PSY- 730
Credit Hours: 3	

Course Outline:
 Review of socialization process;
 Theories of aggression and delinquency
 Behavioral problems
 Developmental changes in adolescence.
 Family conflict and adolescence,
 Juvenile delinquency and justice system: Pakistani Perspective.

Recommended Books:
 Hurlock, E. B. (1959). Developmental Psychology. New York: McGraw Hill.
 Hurlock, E. B. (1964). Psychology of Adolescence. New York: McGraw Hill.
 Jersild, A.T. (1957). The Psychology of Adolescence. New York: Macmillan
 Munn, N.L. (1959). The Evolution and Growth of Human Behavior. Houghton: Mifflin Co.
 Pressery, S.L. & Kuhlen, G.R. (1965). Psychological Development throughout the span. New York: Harpaer.

Course Name: Psychology of Policing & Law Enforcement	Course Code: PSY- 731
Credit Hours: 3	

Course Outline:
 Law and the society;
 Social organization of the police;
 Public and police;
 Police powers and responsibilities
 Police in Pakistan; punishment and prisoners;
 Improving police functioning; interrogation.
 Public perception of police and law enforcement, improving police training.

Recommended Books:
 Bayley, D.H. (1994). Police for the future: Studies in Crime and Public policy, Oxford: Oxford University Press.
 Harberfeld, M.R. (2003). Critical Issues in Police Training. Pearson Prentice Hall.

Course Name: Psychology of Self and Identity	Course Code: PSY- 732
Credit Hours: 3	
<p>Course Outline:</p> <p>Definition and historical perspective of the concept of self Development of self: age, gender, social class and other influencing factors. Theories of Self Identity and related issues Self-related constructs: self-esteem, self-control, self-monitoring, self-growth, self-actualization. Psychological disorders and self.</p>	
<p>Recommended Books:</p> <p>Landholm, C. (2007). Culture and Identity. One World Publication New York. Landholm, C. (2008). Cultural and Authenticity. Blackweel Publishing. Australia. Rosman, A, Rubel, P.G. & Weisgrau, M. (2009). The Tapestry of culture: an introduction to cultural anthropology. (9th ed.). Rowman & Littlefield Publisher, Inc.</p>	
Course Name: Educational Psychology	Course Code: PSY- 733
Credit Hours: 3	
<p>Course Outline:</p> <p>Definition, scope/importance and contributions in educational psychology Psychological and educational studies: descriptive studies, correlational studies and experimental studies Principles and theories in educational psychology Understand students development zaand diversity Learning and cognitive processes Behaviouristic views of learning Social cognitive views of learning Motivating students to learn Choosing instructional strategies Students with special educational needs</p>	
<p>Recommended Books:</p> <p>Crow, L. & Crow, A. (2000). Educational Psychology. New Delhi: Eurosai Publishing House Ltd. Eggen, P. & Kauchak, D. (). Educational Psychology. NJ: Merrill.</p>	
Course Name: Emerging Trends In Measurement	Course Code: PSY- 734
Credit Hours: 3	
<p>Course Outline:</p> <p>Introduction to Computers: Nature and Basic Concepts, History of Computers, Parts of Computer</p>	

Computer and Cognition: Introduction, Testing and Cognitive Psychology: a
 Computer Analogy, Encoding information, Processing in short term
 Memory, Long-term Memory storage and Retrieval
 Impact of Computers on testing: Computers and Test Development, Computers and
 Test Administration, Computers and Test Scoring and Reporting, Computers and
 Test Interpretation, Computer Adaptive Testing
 Testing and Item Response Theory (Latent Trait Theory), Item Characteristic Curve
 (ICC)
 Meta-Analysis and Validity Generalization
 Artificial Intelligence: A very Brief Introduction
 Machine Translation (MT) and Human Assisted Machine Translation (HAMT) : A Brief
 introduction
 Recent Trends and the Future of Testing

Recommended Books:

- Anastasi, A.& Urbina, S. (1997). Psychological Testing. (7th ed.). New York: Prentice Hall International Inc.
- Anstey, E. (1966). Psychological Tests. Belfast: Univeristy Press.
- Brislin, R. W. (Ed.). (1976). Translation: Application and research. New York: Gardner Press, Inc.
- Brown, D.B. & Sechrest, L. Experiment in cross cultural research. In Traindis, H.C. & Berry, J.W. (1990). Handbook of Cross Cultural Psychology: Methodology. Boston: Allyn and Bacon, Inc; (II), 245-278
- Crocker, L. & Alginas, J. (1986). Introduction to Classical and Modern Test Theory. New York: Holt, Rinehart & Winston.
- Cronbach, L. J. (1966). Essentials of Psychological Testing. (2nd Ed.). New York: John Weather Hill, Inc.
- Cunningham, G.K. (1986). Educational and Psychological Measurement. New York: Macmillan Publishing Company.
- Drenth, P.J.D. & Cronbach, L. J. (Eds.). (1972). Mental tests and cultural adaptation. The Hague: Mouton Publishers.
- Goldstein, G. & Hersen, M. (1990). Handbook of Psychological Assessment. New York: Pergamon Press.
- H.C. & Berry, J. W. (1990). Handbook of Cross Cultural Psychology: Methodology. Boston: Allyn and Bacon, Inc;(II), 181-244.
- Hopkins, K. D. (1998). Educational and Psychological Measurement and Evaluation. (8th ed.) . Boston: Allyn & Bacon.
- Irvin,S.H. & Carrol, W. K. testing and Assessment across cultures: Issues in methodology and Theory. In Traindis, H.C. & Berry, J.W. (1990). Handbook of Cross Cultural Psychological: Methodlogy. Boston: Allyn and Bacon, Inc; (II), 245-278.
- Jensen, A.R. (1980). Bias in Mental Tests. London: Methuen
- Kaplan, R.M. & Succuzzo, D.P. (1982). Psychological Testing: Principles, applications, and issues. California: Brooks/ Cole Publishing Company.
- Kline,P.(1986). A Hand Book of Test Construction: Introduction to Psychometric Design. New York: Methuen.
- Lindquist, E.F. (1961). Educational Measurement. Washington DC: American Council on Education.
- Magnusson, D. (1967). Test theory. Massachusetts: Addison Wesley Publishing Company.

Course Name: Practical Use of Tests in Different Fields	Course Code: PSY- 735
Credit Hours: 2	
Course Outline:	
Administration, Scoring and Interpretation of Five tests from the following categories with proper reports:	
<ul style="list-style-type: none"> Industrial and Organizational Testing. Diagnostic Testing Testing in Guidance and Counseling Intelligence Testing Aptitude, Interest, and Value Testing Personality Testing Achievement Testing Testing Special Children Any other Tests 	
Students will have to go to the field and relevant institutions to carry out these exercises.	
Course Name: Personnel Selection	Course Code: PSY- 736
Credit Hours: 3	
Course Outline:	
<ul style="list-style-type: none"> ▪ Nature of Job Analysis ▪ Techniques of Selection ▪ Problems of Employees ▪ Industrial Conflict ▪ Communication in the Work team ▪ Training Programme. 	
Recommended Books:	
<p>Carrel, M.R. Jennings, D.F. & Christina, H. J.D. (1997). Foundations of Organizational Behavior. NJ: Prentice Hall, Inc</p> <p>Crocker, L. & Algina, J. (1986). Introduction to classical and modern test theory. New York: Holt, Rinehart, & Winston.</p> <p>Mischel, W. (1968). Personality and Assessment. New York: John Wiley & Sons, Inc.</p> <p>Moorhead, G. & Griffin, R.W. (1995). Organizational Behaviour. Boston: Houghton Mifflin Co.</p> <p>Thorndike, R. L. & Hagen, E. (2002). Measurement and Evaluation in Psychology and Education. New York: Wiley.</p> <p>Thorndike, R.M., Cunningham, G. K. Thordike, R. L. & Hagen, E. P. (1990). Measurement and Evaluation in Psychology and Education. New York: Macmillan.</p>	

Course Name: Organization and Management	Course Code: PSY- 737
Credit Hours: 3	
Course Outline:	
<p>Traditional Principles of organization Structure of Organization Human Problems in Organizations Managerial Issues in Organization Motivation Leadership Functions of Groups Elements of Decision Making, Communicative skills. Increasing Organizational effectiveness</p>	
Recommended Books:	
<p>Alvesson, M. and Deetz, S. (1996). Critical theory and postmodernism approaches to organizational studies. Handbook of Organization Studies. London: Sage.</p> <p>Alvesson, M. and Willmott, H. (1996). Making Sense of Management: A Critical Introduction. London: Sage.</p> <p>Batstone, E. (1976). Industrial Democracy. In. T. R. Burns, L.E. Kalsson, & V Rus (eds.) Work and Power: The liberation of work and the control of political power . Beverly Hills, CA: Sage.</p> <p>Carrel, M.R. Jennings, D.F. & Christina, H, J.D. (1997). Foundations of Organizational Behavior . NJ: Prentice Hall, Inc.</p> <p>Carrel, M.R. Jennings, D.F. & Christina, H, J.D. (1997). Foundations of Organizational Behavior . NJ: Prentice Hall, Inc.</p> <p>Daft, R.L. (1995). Organization Theory and Design. (5th ed.) . Minneapolis, MN: West Publishing Co.</p> <p>Hatch, M. J. 1997 . Organization Theory: A postmodern perspective. London: Oxford University Press.</p> <p>Mills, A. J. and Simmons, T. (1995). Reading Organization Theory: A Critical Approach. Toronto: Garamond Press.</p> <p>Moorhead, G. & Griffin, R. W. (2002). Organizational Behaviour . Boston: Houghton Mifflin Co.</p> <p>Toulmin, S., & Gustavsen, B. (Eds.). (1996). Beyond Theory: changing Organizations Through participation. Amsterdam: John Benjamins.</p>	
Course Name: Industrial Psychology and Organization Psychology	Course Code: PSY- 738
Credit Hours: 4	
Course Outline:	
<p>Introduction: Aim and Scope: Historical Background Human Factors in Modern Industry Development. Role of Psychology in Industrial Man-Man and Man Machine Relationship Modern trends in Industrial Psychology in advanced and Developed countries Motivation in Industrial Psychology</p>	

Recommended Books:

- Alvesson, M. and Deetz, S. 1996. Critical theory and postmodernism approaches to Organizational studies. Handbook of Organization Studies. London: Sage.
- Alvesson, M and Willmott, H. 1996. Making sense of Management: A Critical Introduction. London: Sage.
- Batstone, E. (1979). Industrial Democracy. In T. R Burns, L. E. KAlsson, & V Rus (eds.)Work and Power: The liberation of work and the control of political power. Beverly Hills, CA: Sage.
- Carrel, M.R. Jennings, D.F. & Christina, H, J.D. (1997). Foundations of Organizational Behavior. NJ: Prentice Hall, Inc.
- Carrel, M.R. Jenning, D.F. & Christina , H.J.D. (1997). Foundations of Organizational Behavior. NJ: Prentice Hall
- Daft, R. L. (1995). Organization Theory and Design. 5th Ed. Minneapolis, MN: West Publishing Co.
- Hatch, M. J.1997. Organization Theory: A postmodern perspective. London Oxford University Press.
- Mills, A.J. and Simmnons, T. (1995). Reading Organization Theory: A Critical Approach.Toronto: Garamond Press.
- Moorhead, G. &Griffin, R.W . (2002). Organizational Behavior . Boston: Houghton Mifflin Co.
- Toulmin, S., & Gustavsen, B. (Eds.). (1996). Beyond Theory: changing Organizations Through participation. Amsterdam: John Benjamins.

Course Name: Human Factors in Technology**Course Code:** PSY- 739**Credit Hours:** 3**Course Outline:**

- Human Factor in Technology.
- Human Factor in Work Environment.
- High Safety.
- Sensory Supplementation.
- Causes of Industrial accidents.
- Development of Alphabets for synthetic spelled speech.
- Human Engineering.

Recommended Books:

- Aldag, J. & Brief, P. (1981). Managing Organizational Behaviour. New York: West Publishing Co.
- Bennett, E. Degan, J. & Spiegel. (1989). Human Factores in Techonology. New York:McGraw Hill.
- Haynes, W.W.F. and Massie, J.L. (1990). Management: Analysis concept and cases. Englewood: Prentice Hall (Esatern Economic Ed).
- Jaques, E. (1984). The Changing Culture of Factory. New York: Dryden.
- Likert, R. (1992). New Patterns of Management. New York: Double Day.
- Schein, E.H. (1991). Organizational Psychology. New Delhi: Prentice Hall of India.
- McCormick, E.J. & Ligen, D.R. (1985). Industrial and Organizational

Psychology. Sussex:
 Peters, R. I. (1987) Practical Intelligence: Working New York: Harper and Row.
 Robins, S.P. (1992). Organizational Behavior: Concepts, Controversies and applications, New Delhi: Prentice Hall.
 Schultz, D.P. & Schultz, S. E. (1982). Psychology and Industry Today: An Introduction to Industrial and Organizational Psychology . New York: McMillian.

Course Name: Psychology Seminar	Course Code: PSY- 740
Credit Hours: 1	

Course Outline:

Scholar will work and deliver seminars on multiple issues in their intended area of specialization.



**SHAHEED BENAZIR BHUTTO WOMEN UNIVERSITY
PESHAWAR
DEPARTMENT OF PSYCHOLOGY**

COURSE CODE	COURSE TITLE	CREDIT HOURS
COMPULSORY COURSES		
Psy-801	Psychological Research Methods (Compulsory)	3
Psy-802	Applied Statistics (Compulsory)	3
Psy-803	Uses of Computers in Psychology (Compulsory)	3

OPTIONAL COURSES

Psy-804	Principles of Educational and Psychological Measurement	3
Psy-805	Practicum	2
Psy-806	Problems in Human assessment	3
Psy-807	Psychometric Theory	4
Psy-808	Guidance & Counseling	4
Psy-809	Test Construction: An IRT bases Approach	4
Psy-810	Clinical Psychology: Theory and Practice	4
Psy-811	Psychopharmacology	3
Psy-812	Motivation	3
Psy-813	Cross-Cultural Psychology	3
Psy-814	Psychology of Attitude and Opinion	3
Psy-815	Social Psychology	4
Psy-816	Consumer Behaviours & Marketing	3
Psy-817	Industrial and organizational Psychology	3
Psy-818	Deviance and Crime	3
Psy-819	Community Psychology	3
Psy-820	School Psychology	3
Psy-821	Military Psychology	2
Psy-822	Psychological Problem of Special Education	3
Psy-823	Mass Communications	3

Psy-824	Muslim Contribution to Clinical Psychology	3
Psy-825	Theories of Learning	3
Psy-826	Neuropsychology	3
Psy-827	Culture, Self, and Identity	4
Psy-828	Forensic Psychology	3
Psy-829	Criminal Behavior	3
Psy-830	Environmental	3
Psy-831	Applied Social Psychology	3
Psy-832	Rehabilitation Psychology	4
Psy-833	Health Psychology	3
Psy-834	Educational Psychology	3
Psy-835	Psychology of Sports and Exercise	3
Psy-836	Developmental Psychology	3
Psy-840	Assessment Under Different Settings	4
Psy-842	Psychological Warfare	3
Psy-843	Theories Of Mass Communication And Related Issues	3
Psy-844	Seminar	1
Psy-845	Research: Design and Analysis in Theory and Practice	3

Note:

18 Credit Hours Course work is to be completed by the Scholars.

Courses No. PSY-801, PSY-802, and PSY-803 are compulsory.

The rest of them are optional courses

Those who take compulsory courses in M.Phil may not necessarily take these courses in Ph.D and will complete their credit hours out of optional courses.

**SHAHEED BENAZIR BHUTTO WOMEN UNIVERSITY
PESHAWAR
DEPARTMENT OF PSYCHOLOGY**

DETAILED COURSE OUTLINE OF ADVANCE STUDIES IN PSYCHOLOGY

Course Name: Psychological Research Methods

Course Code: PSY- 801

Credit Hours: 3

Course Outline:

Social Sciences, their nature and research methods
Social psychological aspects of research
Experimental and quasi-experimental designs
Qualitative methods of research in social sciences
Clinical and critical methods
Unobtrusive methods
Programme evaluation
Sampling and data collection
Psychological research in Pakistan

Recommended Books:

Bordens, K.S., & Abbott, B.B. (2005). Research Designs & Methods. (6th ed.). Tata McGraw-Hill Publishing company.

Cozby, P.C. (2001). Methods in behavioral research. (7th ed.). California: McGraw Hill company.

Dunham, P. J. (1988) Research Methods in Psychology. New York: Harper & Row Publishers.

Graziano. A. M., & Raulin, M.D. (1989). Research methods: a process of inquiry. New York: Harper & Row publishers.

Heiman, G.W. (1995). Research methods in psychology. New York: Harper & Row Publishers.

Kumar, R. (2005). Research methods: A step-by-step guide for beginners. (2nd ed.). NY: Pearson Education.

Mertens, D. M. (1998). Research methods in education and psychology: Integrating diversity with quantified and qualified approaches. London: Sage Publishers.

Posenber, K.M., & Daly, H. B. (1993). Foundations of behavioral research: A basic question approach. New York: Harcourt Brace College Publishers.

Course Name: Applied Statistics

Course Code: PSY- 802

Credit Hours: 3

Course Outline:

Introduction, Importance and Limitation of Statistics.
Scales of Measurement.
Collection and Presentation of Statistical Data [Graphics Representation of Data].

Basic Concepts of Measures of Central Tendency and Dispersion.
 Probability and Theoretical Distributions viz., Binomial and Normal
 Distribution Estimation and Confidence Intervals.
 Level of Significance and Critical Ratio.
 Tests of Significations-viz t-Tests and Chi-Square.
 Introduction to Analysis of Variance Relating to One and Two Way Classification
 Nonparametric Test viz Wilcoxin test, Kruskal-Wallis
 Pearson Coefficient Correlation; Spearman Rank Correlation, Tetra choric, Phi, Biserial and
 Point-biserial Coefficient of Correlation.

Recommended Books:

- Ferguson. G.A. (1976). Statistical Analysis in Psychology and Education. New York: McGraw Hill.
 Fuldoes, J. P. & Fruchter, B.(1978). Fundamental Statistics in Psychology and Education. New York: McGraw Hill.
 Garret, K.E. (1983) Statistics in Psychology and Education. New York: McGraw Hill.
 Hays, W. (1963). Statistics for Psychologists. New York: McGraw Hill.
 Minimum, E.W. & Clarke, R.B. (1982). Elements of Statistical Reasoning. New York: Wiley.
 Winer, R. J. (1971). Statistical Principles in Experimental Design. New York: McGraw Hill.
 Wright R.L. (1976). Understanding Statistics: An Informal Introduction for the Behavioral Sciences. NY: Harcourt Brace & Jovanovich.

Course Name: Use of Computers in Psychology

Course Code: PSY- 803

Credit Hours: 3

Course Outline:

Introduction, History and Some Basic Concepts.
 Parts of a computer: A brief introduction to Hardware and Software Computer and Cognition
 Ms Windows XP or Windows 7
 Ms Word and MNs Excel 2007
 Statistical Package for Social Sciences (SPSS 12 or Latest), or Statistical (6 or latest)

Recommended Books:

- Ali, A.S. & Nudrat, A. (2000). Fundamental Concepts of Computer System. Peshawar: The Aays Software Consultants and Composers.
 Cozby, P.C. (1984). Using Computers in the Behavioral Sciences. California: Mayfield Publishing Company.
 Ntoumanis, N. (2005) A Step-by-Step Guide for SPSS and Exercise Studies. London: Fetter Lane.
 Joaquim. P., & Marques. D.S. (2007). Applied Statistics Using SPSS. STATISTICA MATLAB and. R. (2nd Ed.). NY:Pergamon.
 Denial, B. W. (2009). Discovering Statistics using SPSS. Sussex: University Press.
 Any latest books/ Manuals on Microsoft Office and SPSS.

Course Name: Principles of Educational and Psychological Measurement	Course Code: PSY- 804
Credit Hours: 3	
<p>Course Outline:</p> <p>Measurement and evaluation in Psychology and Education Introduction of Psychological Testing: Definition, History and Types. Test Administration and Factors Affecting Performance on Tests. Item Analysis: Definition and Types; Normal Distribution Curve; Skewness and Kurtosis.</p> <p>Validity: Definition and aspects (Construct, content & criterion related validity) Factors affecting validity</p> <p>Reliability; Definition; Types of Reliability; Standard Error of Measurement; Factors affecting reliability coefficients.</p> <p>Steps in the process of Test Construction and Standardization</p> <p>Intelligence: definition and theories.</p> <p>Major approaches to Personality testing</p> <p>APA code of ethics for Testing and Assessment</p>	
<p>Recommended Books:</p> <p>Anastasi, A. & Urbina, S. (1997). Psychological Testing. (7th ed.). New York: Prentice Hall International Inc.</p> <p>Anstey, E. (1966). Psychological Tests. Belfast: University Press.</p> <p>Crocker, L. & Algina, J. (1986). Introduction to classical and modern test theory. New York: Holt, Rinehart, & Winston.</p> <p>Cronbach, L. (1966). Essentials of psychological testing. (2nd ed.). New York; John Weather Hill, Inc.</p> <p>Cunningham, G.K (1986). Educational and Psychological Measurement. New York; Macmillan Publishing Company.</p> <p>Dick, W. & Hagerty, N. (1971). Topics in Measurement; Reliability & Validity. New York; McGraw Hill Book Company.</p> <p>Holtzman, W.H. Projective techniques in Triadis, H.C. & Berry, J.W.(1990). Handbook of Cross Cultural Psychology: Methodology. Boston : Allyn and Bacon, Inc;(11),245-278.</p> <p>Hopkins,K.S (1998). Educational and Psychological Measurement and Evaluation.(8 ed) . Boston; Allyn & Bacon.</p> <p>Kaplan, R.M & Succuzo , D.P (1982). Psychological Testing: Principles, Applications & Issues. California: Brooks : Cole Publishing Company</p> <p>Khan, M.J.(1996) . Validation and Norm Development Siddiqui-Shah Depression Scale (SSDS). M.Phil. Dissertation .Peshawar: Department of Psychology,University of Peshawar.</p> <ul style="list-style-type: none"> • Kline, P. (1986) . A Hand Book of Test Construction: Introduction to Psychometric Design . New York , Methun. Sax,G .(1980) . Principles Of Educational and Psychological Measurement & Evaluation . Belmont CA: Wadsworth. 	

Course Name: Practicum	Course Code: PSY- 805
Credit Hours: 2	
Course Outline:	
Five Laboratory Practical's prescribed by the teacher concerned	

Course Name: Problems in Human Assessment	Course Code: PSY- 806
Credit Hours: 3	
Course Outline:	
<ul style="list-style-type: none"> The fundamental nature of measurement Objective Tests as Instruments of Psychological Theory The evaluation of measurement Properties Assessment for selection Assessment of Intellectual Abilities Assessment of Personality Cognitive approaches to personality assessment Assessment in social context Assessment of Interests Assessment of attitudes 	
Recommended Readings	
<ul style="list-style-type: none"> Jackson, D. N., Messick, S. & Thorndike. (1967). Problems in Human Assessment. New York: McGraw Hill. Nunnally, J. C. (1964). Educational measurement and evaluation. New York: McGraw Hill Book Company. Nunnally, J.C. (1964). Psychometric Theory. New York: McGraw Hill Book Company. Oppenheim, A.N. (1992). Questionnaire Design, Interviewing, and Attitude Measurement. London: Pinter Publishers. Robinson, J.P. & shaver, P.R. (1980). Measures of Social Psychological Research. Michigan: Institute of Social Research. Rogers. T.B. (1995). The Psychological Testing Enterprise: An Introduction. Brooks. Sax,G.(1980). Principles of Educational and Psychological Measurement and Evaluation. Belmont CA: Wadsworth. 	

Course Name: Psychometric Theory	Course Code: PSY- 807
Credit Hours: 3	
Course Outline:	
<ul style="list-style-type: none"> Test theory : Problems in measurement of psychological constructs Scaling Methods: <ul style="list-style-type: none"> Factors and Factors Loading Rotation The number of factors Community and Uniqueness 	

Meta Analysis.

Item Response Theory: Latent Trait Theory and Items Characteristic Curve
The Concept of Bias

Item Bias

Test Bias and Cultural Relativism.

Generalizability theory
Scoring Methods

Correcting for guessing (Formula Scoring)

Credits for partial knowledge.

Standard Setting

Approaches to standard setting

Judgment based on item content

Judgment based on performance of examiners.

Latest Trends & Future of Psychological Testing.

Recommended Books:

Hopkins, K.D. (1998). Educational and Psychological Measurement and Evaluation. (8th ed.). Boston : Allyn & Bacon.

Magnusson, D. (1967). Test theory. Massachusetts: Addison Wesley Publishing Company.

Murphy, K. R. & David'shofer, C.O. (1988). Psychological testing: Principles and Applications. New Jersey: Prentice Hall.

Nunnally, J. C. (1964). Educationally measurement and evaluation. New York: McGraw Hill Book Company.

Nunnally, J.C. (1967). Psychometric Theory. New York: McGraw Hill Book Company.

Oppenheim, A.N. (1992). Questionnaire Design, Interviewing, and Attitude Measurement. London: Pinter Publishers.

Course Name: Guidance & Counseling

Course Code: PSY- 808

Credit Hours: 4

Course Outline:

History and present status

Various counseling approaches, techniques and practices

Group counseling, counseling of adolescents

New trends in counseling

Educational and vocational guidance

Tests and material for guidance and counseling programmes

Guidance and counseling services in Pakistan

Recommended Books:

Bergin, A. &Garfield. (1994). Hand Book of Psychotherapy and Behaviour Change. New York: John Wiley.

Brems, C. (2001). Basic skills in Psychotherapy and Counselling. U.S: Brooks/ Cole Publishers.

Caizzo D. & Grpss, D. (1991). Introduction to counseling: Prespectives for the 1990. Boston: Allyan and Bacon.

Corey, G. (1996). Therory and Practice of Counseling and Psychotherapy. (5th ed.). NY: Brooks/ Cole Publishing Company.

Corsini, J.R., & Wedding, D. (1995). Current Psychotherapies. (5th ed.). Illinois: F. E. Peacock Publishers, Inc.

Druden, Windy. (1992). Hard-Earned Lessons from counseling in action. Bevery Hills: Sage Publications.

Eisenberg, S. & Delaney, D. (1978). The Counselling Process. NY: Rand McNally.

Erskin R. & Moursund, J.(1988). Integrative Psychotherapy in Action. Benerly Hills. Sage Publications.

Gibson, L. R., Mitchell, H. M, (2006). Introduction to Counseling and Guidance. (6th Ed.). New Delhi: Prentice Hall.

Harvy, P. (1988). Health Psychology. London. Longman.

Hersew N, Kazdin A, & Bellack. (1991). The Clinical Psychology Handbook. N.Y: Pergamon Press.

Ivery, A. & Ire M. (1993). Counseling and Psychotherapy: A Multicultural Prespective. Boston. Allyn and Bacon.

Journal of Counseling and clinical Psychology

Journal of Counseling Psychology

Korchin, S. (1986). Modern Clinical Psychology. New York: Basic Books.

Kottler, A. J. (1986). On Being Therapist. San Francisco: Jossy-Bass.

Synder, C.R & Forsyth. D. (1991). Handbook of Clinical and social Psychology. New York: Pergamon Press.

Walker E. & Roberts, M. (1992). Hand book of Clinical Child Psychology. New York: John Wiley and Sons.

Course Name: Test Construction: An IRT based Approach

Course Code: Psy- 809

Credit Hours: 4

Course Outline:

Assessment for the course will consist of three parts, equally waited.

1. A series of assignments exploring practical aspects of the concepts discussed in class. Each student will also present their homework to the class. Note that students are encouraged to hand in an early draft version of each of these assignments to the instructor/GSI for informal review before they present to the class.

Assignment topics:

Develop a construct map for an educational measurement instrument.

Develop “items” that realize that construct map.

Develop a plan for studying the measurement performance of your “items”

A project, which will consist of the development and initial evaluation (pilot study) of an instrument. An outline of the proposed project will be developed by

the student in conjunction with the instructor around the beginning of the semester and the student will be expected to make a short presentation of her findings towards the end of the semester.

Participation in classroom discussions and activities, which may include minor presentations by class members, and which will certainly require that students read the readings (as noted below in the detailed syllabus) before each class.

DETAILED SYLLABUS

- Introduction to the course and Preliminary Activities.
- An over view of the course syllabus, it’s rational and purposes.
- Reasoning from evidence: the “4- building blocks”.
- Construct Mapping.
- The Items Design.
- The Outcomes Space.
- The Measurement Model.
- Choosing and Evaluating a measurement model.
- Reliability and Classical Test Theory.
- Validity.

Recommended Books:

Aiken, L.R.Jr. (1976). Psychological Testing and Assessment. Boston: Allyn and Bacon, Inc.

Anstey,E.(1966). Psychological Tests. Belfast: University Press.

Cohen, R.J., & Swerdylk, M.E. (1999). Psychological Testing and Assessment: An Introduction to Tests and Measurement.(4th ed.). California: Mayfield Publishing Company.

Crocker, L. & Algina, J.(1986). Introduction to Classical and Modern Test and Theory. New York: Holt, Rinehart, & Winston.

Dick, W. & Hagerty, N. (1971). Topics in Measurement: Reliability and Validity. New York: McGraw Hill Book Company.

Goldstein, G., & Hersen, M. (1990). Handbook of Psychological Assessment New York: Persamon Press.

Hopkins, K.D. (1998). Educational and Psychological Measurement and Evaluation.(8th ed.). Boston: Allyn and Bacon.

Irvin, S.H., & Carrol, W.K. Testing and Assessment across Cultures: Issues in Methodology and Theory. In Triandis, H.C., & Berry, J.W.,(1990). Handbook of cross Cultural Psychology: Methodology. Boston: Allyn and Bacon, Inc; (II), 181-244.

Jensen, A.R. (1980). Bias in Mental Tests. London: Methuen.

Kaplan, R. M. & succuzzo, D. P. (1982). Pscyological Testing: Principles, applications, and issues. California: Brooks/ Cole Publishing Company.

Kline, P. (1986). A Hand Book of Test Construction: Introduction to Psychometric Design. New York: Methuen.

Magnusson, D. (1967). Test Theory. Massachusetts: Addison Wesley Publishing Company.

Wilson, M. (2005). Constructing Measures: An Item Response Modeling Approach. Mahwish, N.J: Lawrence Erlbaum Associate Publishers.

Course Name: Clinical Psychology: Theory and Practice	Course Code: PSY- 810
Credit Hours: 4	

Course Outline:
 The evaluation of psychotherapy: Research design & methodology.
 Psychopathology Neurotic Disorder, Psychotic disorders.

Selected theoretical approaches to specific psychotherapies.
 (Psychodynamic, Behavioural, Phenomenological)
 Communication Skills, Role of Communication, Pseudo Communication Effect of
 mass media on mental health.
 Community psychology and mental health

Recommended Books:

- Bootzin, R.P.& Acocellah, J. R.(1988). Abnormal Psychology, Current Perspectives (Ed.)New York: Random House.
- Brenner, C. (1955). Elementary Textbook of Psychoanalysis. New York: International University Press.
 - Coleman, J.C & Broen. (1988). Abnormal Psychology and Modern Life. (8th ed.), New York: Scott, foresman & Co.
 - Colloby, K.M. (1951). A primer for Psychotherapists. John Wily & Sons.
 - Freud, S. (1933). Introductory Lectures in Psychoanalysis. London: George Allen and Unwin.
 - Garfield, S.L & Bergin A. E.(1986). Handbook of Psychotherapy and Behaviour Change. New York: John Wiley & Sons.
 - Gerfield, S.L & Bergin A. E.(1986). Handbook of Psychotherapy and Behaviour Change. New York: John Wiley & Sons.
 - Horney, K. (1939). New Ways in Psychoanalysis. London: Routledge and Kegan Paul.
 - Korchin, J.S (1986). Modern Clinical Psychology. NY: CBS Publishers.
 - Neale & Davison. (1990). Abnormal Psychology. (5th ed). New York John Wiley & Sons.
 - Nietzel, M.T & Bernstein, D.A. (1990). Introduction to Clinical Psychology. New Jersey Prentice Hall.
 - Savage, R.D. (Ed). (1966). Readings in Clinical Psychology. London: Pergamon Press.
 - Shaffer, G.W. & Lazarus, R.S. (1952). Fundamental Concepts in Clinical Psychology. New York: McGraw Hill.
 - Singer, E. (1965). New Concepts in Psychotherapy. New York: Random House.
 - Tomkins, S.A (Ed). (1953). Contemporary Psychopathology. Cambridge, Mass Hardfard University Press.
 - White, R.W. (1981). The Anormal Personalty.New York: Ronald Press

Course Name: Psychopharmacology	Course Code: PSY- 811
Credit Hours: 3	
Course Outline:	
<i>Basic Principles of Pharmacology</i>	
<i>Pharmacokinetics</i>	

<p>Drug absorption & distribution Drug elimination</p> <p>Pharmacodynamics Receptor binding Signal transduction</p> <p>Clinical Psychopharmacology Classification of psychotropic drugs. Antipsychotic. Antidepressants Mood stabilizers and Antiepileptic Anxiolytics and Hypnotics Psychostimulants Antiparkinsonian drugs Electroconvulsive therapy Transcranial Magnetic Stimulation Bright Light Therapy Beta Blockers Adrenergic Blockers</p> <p>Drug Abuse Disorders</p>
<p>Recommended Books:</p> <p>Bentley, K.J. (2004). Psychiatric Medication Issues for Social Workers, Counselors, and Psychologists. NY: Routledge.</p> <p>Gelder, M.G. (2006). Oxford Short Textbook of Psychiatry. New York: Oxford University Press.</p> <p>Julien, R. M. (2005). A primer of drug action (10th ed.). New York: Worth Publishers.</p> <p>Pagliari, L.A. & Pagliaro, A. M. (1998). Psychologists' psychotropic drug reference Sussex: UK: Psychology Press.</p> <p>Pies, R. W. (2005). Handbook of essential psychopharmacology (2nd ed.). Washington, DC : American Psychiatric Publishing.\</p> <p>Schatzberg, A. F., Coles, J. O., & DeBattista, C. (2005). Manual of clinical psychopharmacology (5thed). Washington, DC: American Psychiatric Publishing.</p> <p>Spiegel, R. & Fatemi, H. (2003). Psychopharmacology: an introduction. Chichester: Wiley.</p> <p>Stahl, S. M. (2005). Essential psychopharmacology: the prescriber's guide. New York: Cambridge University Press.</p>

Course Name: Motivation	Course Code: PSY- 812
Credit Hours: 3	
<p>Course Outline: Definition, Nature and Scope Historical Background Motivated behaviour characteristics and determinants Methods used to assess human motivation Projective techniques</p>	

Theories of Human Motivation: (a) Behavior theory (b) Cognitive theory (c) Need-drive-incentive theory, (d) Stimulus-Cue theory (e) Motivational Theory of Emotion (f) Theories of reinforcement (g) Theories of Achievement Motivation : Expectancy theory, Equity Theory
 Incentive Motivation, Tendency to achieve success, tendency to avoid failure
 Fear of success in Woman

Recommended Books:

Alvesson, M. & Deetz, S. (1996). Critical theory and postmodernism approaches to organisational studies. In S.R. Clegg, C. Hardy & W. Nord. (Eds). Hand Book of Organizational Studies. London: Sage.

Alvesson, M. and Willmott, H. (1996). Making Sense of Management: a Critical Introduction. London: Sage

Baron, R.A. & Byrne, D. (1987). Social Psychology: Understanding Human Interaction. Boston: Allyn & Bacon.

Baron, R.A. & Byrne, D. (2000). Social Psychology. (9th ed.). New York: Pearson Education Asia.

Batstone, E. (1979). Industrial Democracy. In T. R. Burns, L.E. Kalsson, & V. Rus(eds.) Work and Power: The liberation of work and the control of political power. Beverly Hills, CA: Sage.

Berkowitz, L..S.(1986). Survey of Social Psychology. (3rd ed.). New York: CBS Publishing.

Carrel, M.R. Jennings, D. F. & Christina, H. J. D. (1997). Foundations of Organizational Behaviour. NJ: Prentice Hall, Inc.

Clegg, C. Hardy and W.R Nord (Eds). (1996). Hand Book of Organization Studies. London: Sage.

Draft, R . L. (1995). Organization Theory and Design . (5th Ed). Minneapolis, MN: West, Publishing Co.

Freedman, J.L., Sears D.O., & Carlsmith, J.M. (1981). Social Psychology. (4th ed.). New York: Prentice Hall.

Hatch, M.J (1997). Organization Theory: A postmodern perspective. London Oxford University Press.

Hogg, M.A., & Vaughan, G. M. (1995). Social Psychology. (2nd ed.). London: Prentice Hall.

Mills, A.J. and Simmons. T. (1995). Reading Organizational Theory: A Critical Approach. Toronto, On: Garamond Press.

Moorhead, G. and Griffin, R.W (1990). Organizational Behaviour. Boston: Houghton, Mifflin. Co.

Myers, D.G. (1994). Exploring Social Psychology. NY: McGraw Hill.

Taylor, S.E., Peplau, L.A., & Sears, D.O. (1994). Social psychology. (8th ed.). New Jersey: Prentice Hall. Englewood Cliff.

Toulmin, S., & Gustavsen, B (Eds). (1996). Beyond Theory: Changing Organizations through Participations. Amsterdam: John Benjamins.

Wiggins, J.A., Wiggins, B.B., Zanden, J.W., (1994). Social psychology. (5th ed.). McGraw-Hill, Inc.

Course Name: Cross-Cultural Psychology	Course Code: PSY- 813
Credit Hours: 3	

Course Outline:
 Culture and society

<p>Culture and basic psychological processes Nature and history of cross-cultural psychology Methods of cross-cultural psychology Theoretical and methodological problems in research across cultures Indigenous psychology Psychology in the sub-continent.</p>	
<p>Recommended Books: Berry, J.W. (1992). Cross Cultural Psychology: Research and Application. Cambridge University Press. Berry, J. W., Proringe, Y. H., segall. M.H. & Dasen. P. R. (1980). Handbook of Cross cultural psychology: Social Behaviour and application (2nd ed.). Cambridge University Press. Brislin, r. W. (1990). Applied cross cultural psychology (4th ed). Sage Publish Pvt. Ltd. Heine, S.J. (2007) cultural Psychology. W.W. Norton & Company. Segall. M.H. (1999). Human Behaviour in Slobal Prespective: An Introduction to Cross Cultural Psychology. Boston: Allyn & Bacon. Singh, A. K. (2002). The Comprehensive History of Psychology (3rd ed.). New Delhi: Motilal Banarsidass Publishers Private Limited. Shiraw, F. (2009). Cross cultural Psychology: Critical Thinking and contemporary application. India: dorling Kindersley. Triandis, H.C. & Berry, J.W. (1990). Handbook of cross Cultural Psychology: Methodology. Boston: Allyn and Bacon, Inc.</p>	
Course Name: Psychology of Attitude and opinion	Course Code: PSY- 814
Credit Hours: 3	
<p>Course Outline: Theories of Attitude and Opinion Relationship between attitude and behavior Techniques of attitude scale construction and attitude measurement Attitude and opinion survey Construction of an attitude scale and its application</p>	
<p>Recommended Books: Baron, R.A. & Byrne, D. (1987). Social Psychology: Understanding Human Interaction. Boston: Allyn & Bacon. Baron, R.A & Byrne, D. (2000). Social Psychology. (9th ed.). Nw York: Pearson Education Asia. Berkowitz, L.S. (1986). Survey of Social Psychology. (3rd ed.). New York: CBS Publishing. Freedman, J.L., Sears D.O., & Carlsmith, J.M. (1981). Social Psychology. (4th ed.). New York: Prentice Hall. Hogg, M.A. & Vaughan, G. M. (1995). Social Psychology. (2nd ed.). London: Prentice Hall. Myers, D.G. (1994). Exploring Social Psychology. NY: McGraw Hill. Taylor, S.E., Peplau, L. A., & Sears, D.O. (1994). Social psychology. (8th ed.). New Jersey: Prentice Hall Englewood Cliff. Wiggins, J.A., Wiggins, B.B., & Zanden, J.W. (1994). Social psychology. (5th ed.). McGraw-Hill, Inc.</p>	

Course Name: Social Psychology	Course Code: PSY- 815
Credit Hours: 4	
<p>Course Outline: Methods of social psychology Some selected theories of social psychology Impression formation and stereotyping Inter-group behaviour Norm formation, Social influence, and conformity Social change Social Psychological aspects of refugees problem Contributions of social Psychology in rural development Social Psychological problems of women Leadership and Social power Small groups IDPs and Disaster Stricken Peoples' problems</p>	
<p>Recommended Books: Baron, R.A. & Byrne, D. (1987). Social Psychology: Understanding Human Interaction. Boston: Allyn & Bacon. Baron, R. A. & Byrne, D. (2000). Social Psychology. (9th ed.). New York: Pearson Education Asia. Berkowitz, L.S. (1986). Survey of Social Psychology. (3rd ed.). New York: CBS Publishig. Freedman, J.L., Sears D.O., & Carlsmith, J.M. (1981). Social Psychology. (4th ed.). New York: Prentice Hall. Hogg, M.A. , & Vaughan, G.M. (1995). Social Psychology. (2nd ed.). London: Prentice Hall. Myers, D.G. (1994). Exploring Social Psychology. NY: McGraw Hill. Taylor, S.E., Peplau, L. A., & Sears, D.O. (1994). Social psychology. (8th ed.). New Jersey, Prentice Hall Englewood Cliff. Wiggins, J.A., Wiggins, B.B., & Zanden, J.W. (1994). Social psychology. (5th ed.). McGraw-Hill, Inc.</p>	
Course Name: Consumer Behaviors & Marketing	Course Code: PSY- 816
Credit Hours: 3	
<p>Course Outline: Consumer behavior and its models. The environment: economic, demographic, Coors-cultural and sub-cultural influences, social-stratification. Reference groups and family influences. Psychological aspects of learning, information processing, motivation and values. Consumer decision processes. Applications of Psychological and social research methods in consumer and marketing research: Qualitative and Quantitative methods. Communication affects and their evaluation.</p>	
<p>Recommended Books: Alvesson, M. & Deetz, S. (1996). Critical theory and postmodernism approaches to organisational studies. In S.R. Clegg, C. Herdy & W. Nord. (Eds). Hand Book of Organisational Studies. London: Sage. Pp.191-217</p>	

Alvesson, M. and Willmott, H. (1996). Making Sense of Management: a Critical Introduction. London: Sage

Batstone, E. (1979). Industrial Democracy. In T. R. Burns, L.E. Kalsson, & V. Rus(eds.) Work and Power: The liberation of work and the control of political power. Beverly Hills, CA: Sage

Carrel, M.R. Jennings, D. F. & Christina, H. J. D. (1997). Foundations of Organizational Behavior. NJ: Prentice Hall, Inc.

Draft, R. L. (1995). Organization Theory and Design . (5th Ed). Minneapolis, MN: West, Publishing Co.

Hatch, M.J (1997). Organization Theory: A postmodern perspective. London Oxford University Press.

Mills, A.J. and Simmons. T. (1995). Reading Organizational Theory: A Critical Approach. Toronto, On: Garamond Press.

Moorhead, G. and Griffin, R.W (1990). Organizational Behaviour. Boston: Houghton Mifflin. Co.

Toulmin, S., & Gustavsen, B (Eds). (1996). Beyond Theory: Changing Organizations through Participations. Amsterdam: John Benjamins.

Course Name: Industrial and organizational Psychology	Course Code: PSY- 817
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Credit Hours: 3

Course Outline:

- Psychological problems of industries and organization
- Personnel selection
- Human factors in engineering
- Structure of organizations, their Psychological climate & work environment
- Leadership in organizations
- Labour management relations
- Special problems of training in organization including industries
- Performance appraisal and career planning
- Evaluation of organization

Recommended Books:

Alvesson, M. & Deetz, S. (1996). Critical theory and postmodernism approaches to organisational studies. In S.R. Clegg, C. Herdy & W. Nord. (Eds). Hand Book of Organisational Studies. London: Sage. Pp.191-217

Alvesson, M. and Willmott, H. (1996). Making Sense of Management: a Critical Introduction. London: Sage

Batstone, E. (1979). Industrial Democracy. In T. R. Burns, L.E. Kalsson, & V. Rus(eds.) Work and Power: The liberation of work and the control of political power. Beverly Hills, CA: Sage.

Carrel, M.R. Jennings, D. F. & Christina, H. J. D. (1997). Foundations of Organizational Behavior. NJ: Prentice Hall, Inc.

Draft, R. L. (1995). Organization Theory and Design . (5th Ed). Minneapolis, MN: West, Publishing Co.

Hatch, M.J (1997). Organization Theory: A postmodern perspective. London Oxford University Press.

Mills, A.J. and Simmons. T. (1995). Reading Organizational Theory: A Critical Approach. Toronto, On: Garamond Press.

Moorhead, G. and Griffin, R.W (1990). Organizational Behaviour. Boston:

Houghton Mifflin. Co.
 Toulmin, S., & Gustavsen, B (Eds). (1996). Beyond Theory: Changing Organizations through Participations. Amsterdam: John Benjamins.

Course Name: Deviance and Crime	Course Code: PSY- 818
Credit Hours:3	

Course Outline:

Introduction of deviant behaviour: General conceptualization
 Theories of deviant behaviour: Social, Psychological and interaction perspective
 Spotlight on deviant behavior problems and anti-social dispositions
 Delinquency and Crime
 Psychopathology
 Alienation and Corruption

Recommended Books:

Bartol, C.R. (2002). Criminal Behavior: A Psychosocial Approach. (6th ed.). N.J: Prentice Hall, Saddle River.
 Eckert, W.G. (1990). Introduction to Forensic Science. London: The C.V. Mosby Company.
 Gordon, R. (1995). Forensic Psychology: A guide for lawyers and the mental health professions. Tucson, Ariz, Lawyers and Judges publishing Co.
 Hussain, S.S. (1999). A text book of forensic Medicine and Toxicology. Lahore: The Carvan Book House.
 Polson C.J., Gee, D.J. & Knight, B. (1985). The Essentials of Forensic medicine (4th ed.). New York: Pergamon Press.

Course Name: Community Psychology	Course Code: PSY- 819
Credit Hours: 3	

Course Outline:

Meanings and history of community psychology
 Methods of community research
 Applications of community psychology: mental health projects of primary prevention and early intervention; community mental health projects: grass root action projects.
 Evaluation of community psychology projects
 Community project is Pakistan

Recommended Books:

Allens, G. J. & Chinsky, J. M. & Larcen, S. (1990). Community Psychology and the Schools:A Behavioural Oriented Multilevel. Preventive Approach.NY: Pergamon.
 Gallagher, W. (1993). The Science of Place: in the Power of Place. New York: Poseidon Press. 11-24
 Levine, M. & Perkins, D. (1987). Principles of Community Psychology: Perspectives and applications. Oxford: University Press.

Course Name: School Psychology	Course Code: PSY- 820
Credit Hours: 3	
<p>Course Outline:</p> <ul style="list-style-type: none"> Pakistani school scene: Structure and functions of school education in Pakistan Learning theories and their application in classroom Developmental theories and their application in classroom Classroom observation techniques Dynamics of teacher-pupil interaction in schools Role of peer-group in schools School-home interaction Psycho-pedagogy: Psychological theories in the practice of teaching Psychological bases of teaching material Educational and psychological testing in schools Counselling and guidance in schools Children with special needs School and community 	
<p>Recommended Books:</p> <ul style="list-style-type: none"> Bedkin, G.D. (1980). Introduction to Councelling.(3rd ed.). Long Island: Wm. C. Brown, Publisher. Chibber, S.K. (1999). Evidance and Educational counselling. New Delhi: Commonwealth, Publishers. Crow, L.D. (1999). Educational Psychology. New Delhi: Eurasion Publishing Mouse Ltd. Hai, S.A. (1958). How Children Grow: An Introduction to Child Psychology: with topics of Educational Psychology and General Psychology. Warsi Dacca. Hidgard, E.R. (1975). Theories of Learning. 4th ed. New Jersey: Prentice Hall, Inc. Kuppuswamy. (1991). Advanced Educational Psychology. Sterling. Mcdonald, F. (1960). Educational Psychology. Wadsworth Publishing Company, Francisco. • Sprinthall, N. and Sprinthall, R. (1987). Educational Psychology: A Developmental Approach. New York: Random House. Sprinthall, N. (1987). Educational Psychology: A Developmental Approach. New York:, Lane Akers, Inc. Stephens. (1951). Educatioal Psychology: The Study of Educational Growth. Henry Holt. 	
Course Name: Military Psychology	Course Code: PSY- 821
Credit Hours: 2	
<p>Course Outline:</p> <ul style="list-style-type: none"> Meaning and scope of military psychology Selection process, job analysis, testing and placement Training in Armed Forces. Performance evaluation & Career planning Accident Proneness, diagnostic and preventive measures Stress sensitivity and clinical rehabilitation Psychological warfare, Psychology Ops, Debriefing Behavior modification, interrogation, debriefing 	

<p>Attitude, motivation, moral and discipline Special psychological problems of army, navy and Air Force</p>	
<p>Recommended Books:</p> <p>Bass, B.M. (1981). Leadership on the Furture battle field. Rawalpindi: Army Education Press.</p> <p>Boring, E.G.(1975). Psychology for the Armed Forces. New York: John Wiley.</p> <p>Framken, R.E. (1983). Human Motivations. New York: John Wiley.</p> <p>Gal. R. & Droff, M A.D. (1991). Hand book of Military Psychology. New York: John Wiley.</p> <p>Hent J.G. & Balair J.D. (1988). Leadership on the furture battle field. Rawalpindi: Army Education Press.</p> <p>Rehman, A., Gill, G.A., & Ahmad, S.L. (Eds.) (1992). Pakistan Army Green Book, Lahore: Feroz Sons.</p> <p>Segal, D.R. & Goldman, N. (1976). The Social Psychology of Military Psychology. NY: McGraw Hill.</p> <p>Shelyag, V.V.,Glotoch, A.D. & Platonov, K.K.(1992). Military Psychology (A soviet view). Moscow: Military Press.</p> <p>Waris M.T.O., Abbaso, M.S. & Ali, S.I. (Eds.). (1990). Pakistan Army Green Book. Lahore: Feroz sons.</p> <p>Wiskoff, M.E. & Rampton, G.(Eds.).(1989). Military Personnel Measurement: New York, Green Book.</p>	
<p>Course Name: Psychological Problems of Special Education</p>	<p>Course Code: PSY- 822</p>
<p>Credit Hours: 3</p>	
<p>Course Outline:</p> <p>Special children and their needs Nature and special psychological problems associated with hearing and visual impairments: and physical disability Mental retardation; Nature, causes and classification Assessment of mental retardation Teaching children with special educational need. Integration of SEN Children in the main stream Family and community. Their attitudes towards children with SEN and their role in teaching.</p>	
<p>Recommended Books:</p> <p>Hallahan, D. & Kauffman, J. (1986). Exceptional Children: Introducion to special education. NY: Prentice Hall.</p> <p>Heward, W. & Orlarisky, M. (1988). Exceptional Children: An introductory survey of special education. NJ: Merril</p> <p>Milles, C. (1985). Special Education for MentallyRetarded. London: Mental Health Centre.</p>	

Course Name: Mass Communications	Course Code: PSY- 823
Credit Hours: 3	
Course Outline:	
<p>Nature and functions of mass communication Theories of Mass communications Methods to study mass communications Impact of mass communication on national development Distance education Politic and television Psychological research in Pakistan Mass communication and Natural Character</p>	
Recommended Books:	
<p>Edwin, E. & Ault, P., & Agee, W. (1960). Introduction to Mass Communication. Dodd New York. Dominick, J. (1996). The Dynamic of Mass Communication. McGraw Hill. Joseph, K.T. (1960). The Effects of Mass Communication. Free Press. Defleur, M. & Rokeach, S.B> (1989). Theories of Mass Communication on General Knowledge. Peshawar: Top Printers. Aziz, N., & Ahmad, A. (1980). The Effect of Mass Communication. Research Media Effects. New York: Longman. Schramm, W. (Ed.). (1961). The Process and Effects of Mass Communication. Urbana: University of Illinois.</p>	
Course Name: Muslim Contribution to Clinical Psychology	Course Code: PSY- 824
Credit Hours: 3	
Course Outline:	
<p>Historical background of Muslim Psychology survey OF Muslims contribution to Psychology. Doctoine of Tasawwaf with reference to Sufi & Saints Muslim Traditions in Psychotherapy Contribution of modern Psychologists in Muslim Traditions of Therapy in Pakistan</p>	
Recommended Books:	
<p>Ajmal, M. (1986). Muslims Contribution to Psychotherapy and other Essays. Islamabad: National Institutes of Psychology Amber, H. (2004). Psychology from Islamic Perspective: contribution of early Muslim scholars and challenges to contemporary Muslim Psychologists. Journal of Religion and Health. I: 210-255. Plott, C. (2000). Global History of Philosophy: the period of Scholasticism, Motivala: Banarsideass. Rizvi, A.A. (1989). Muslim tradition in Psychotherapy and Modern Trends: psychotherapy of Ghazali, shah Waliullah and Thanvi. Lahore: Institute of Islamic</p>	

Culture.

Ibrahim, B. (2002). Islamic Medicine: 1000 years ahead of its times. Journal of the International Society for the History of Islamic Medicine. II:114-151.

Hanafy, Y.A., Fatma, A., & Denning, T.R. (1996). Evidence for the existence of schizophrenia in medieval Islamic society. History of Psychiatry.

Course Name: Theories of Learning

Course Code: PSY- 825

Credit Hours: 3

Course Outline:

Stimulus & Response Theories

Cognitive theories

Thorndike Connectionism

Guthrie's Contiguity Principle

Watson's theory

Hull Systematic Behavior theory

Skinner, Operant Learning

Tolman's Cognitive theory

Gestalt Theory of Learning

Psychoanalytic Conceptions that have influenced learning experiments & theories

Current developments in learning theory

Recommended Books:

Allen, B. (1997). Personality theories: Development, Growth and Diversity. Boston: Allyn & Bacon.

Barker, R.G. (). The stream of behavior. New York: Appleton Century crafts.

Fordham, R. (1953). An introduction to Jung's psychology. NY: Penguin.

Hall, C.S, and Lindzey, G. (1978). Theories of personality. (2nd ed.). NY: John Wiley and Sons.

Hilgard, E. R., & Bower, G. H. (1966). Theories of learning. New York: Appleton Century-Crafts

Rogers, C. (191). On becoming a person. NY: Houghton Mifflin.

Course Name: Neuropsychology

Course Code: PSY- 826

Credit Hours: 3

Course Outline:

The Development of Neuropsychology

The Neurological Exam & Clinical Tests

Common Neuropsychological symptoms & syndromes

The neuropsychodiagnostic interview

Rehabilitation of the neuropsychologically handicapped.

Recommended Books:

Beatty, J. (1995). Principles of behavioral neuroscience. Brown & Benchmark: Dubque, IA.

Brown, H. (1976). Brain and Behavior: a Text Book of Physiological Psychology.

NY: Oxford University Press.

Brown, T.S. & Waltace, P.M. (1980). Conversations with Neil's Brain: The Neural nature of Thought and Language. Reading, M.A: Addison-Wesley Publ.Co.

Cooper, J.R., Bloom, F.I. & Wroth, R.J. (1989). Biochemical. Basis of Neuro Pharmacology. London: Oxford University Press.

Curtis, B.A., Jacobson, S.J., & Marcus, E.M. (1992). An Introduction to the Neurosciences, Philadelphia: W.B. Saunders.

Diamond, M.C. Scheibel, A.B., & Elson, L.M. (1985). The Human Brain Coloring book. New York: NY: Harper Perennial.

Koib, B., & Whishawa, I.Q. (2003). Fundamentals of Human Neuropsychology (4th Edition). W.H. Freeman and Company.

Pine, J.P. (2000). Biopsychology (4th ed.). Allyn and Bacon.

Rimble, D.P. (1988). Biological Psychology. New York: Holt, Rinehart and Windlon, Inc

Rorby, B. & Whisaw, L.Q. (1980). Fundamentals of Human Neuro Psychology, USA W.H. Freeman and Company.

Schnelder, A.E., Tarshis, B. (1995). Elements of Physiological Psychology. New York: McGraw Hill.

Skinner, J.E. (1980). Neuro-Sciences. (Alab Manual) London: W.B. Sanders & Co.

Stellar, E. & Sprague, J.M. (1968). Process in Physiological Psychology. (Ed.). New York: Academic Press.

Thompson, R.F. (1980). Physiological Psychology. New York: Harper International Edition.

Course Name: Culture, Self, and Identity	Course Code: PSY- 827
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Credit Hours: 4

Course Outline:

- Self and Identity
- The Search for Self
- Culture and individual
- The psychoanalysis of culture
- Culture and Anthropology
- States and Identities

Recommended Books:

- Landholm, C. (2007). Culture and Identity. One World Publication New York.
- Lamdholm, C. (2008). Culture and Authenticity. Blackweel Publishing. Australia.
- Rosman, a. Rubel, P.G & Weisgrau, M. (2009). The Tapestry of culture: an introduction to cultural anthropology. (9th ed.). NY: Rowman & Littlefield Publisher, Inc.

Course Name: Forensic Psychology	Course Code: PSY- 828
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Credit Hours: 3

Course Outline:

- An overview of Forensic Psychology
- Mental health, social science and Law Police Psychology

Police Psychology Investigative Psychology and criminology Applied Criminology Criminal Psychology Moral development and developmental theories of crime	
Recommended Books: Bartol, C.R (2002). Criminal behaviour: A Psychsocial Approach. (6 th ed.). N.J: Prentice Hall, Saddle River. Eckert, W.G. (1990). Introduction to Forensic Science, London: The C.V. Mosby Company. Gordon, R. (1995) Foresic Psychology: a guide for lawyers and the mental health professions. Tucson, Ariz, Lawyers and Judges Publishing Co. Hussain, S.S (1999). A teext book of forensic Medicine and Toxicology. Lahore: The Carvan Book House. Polson C.J., Gee, D.J. & Knight, B. (1985). The Essentials of Forensic medicine (4 th ed.). New York: Pergamon Press.	
Course Name: Criminal Behaviour	Course Code: PSY- 829
Credit Hours: 3	
Course Outline: Introduction to criminal Behavior. Juvenile delinquency: Development factors. Origin of criminal behaviour: Biological factors, learning and situational factors. The Psychopath: A focus on the Biopsychological factors. The mentally disordered offender. Human aggression and violence. Homicide, assault and family violence Sexual offenses. Economic crimes, public order crime and other crime. Drugs and crime.	
Recommended Books: Bartol, C.R (2002). Criminal behaviour: A Psychsocial Approach. (6 th ed.). N.J: Prentice Hall, Saddle River. Eckert, W.G. (1990). Introduction to Forensic Science, London: The C.V. Mosby Company. Gordon, R. (1995) Foresic Psychology: a guide for lawyers and the mental health professions. Tucson, Ariz, Lawyers and Judges Publishing Co. Hussain, S.S (1999). A teext book of forensic Medicine and Toxicology. Lahore: The Carvan Book House. Polson C.J., Gee, D.J. & Knight, B. (1985). The Essentials of Forensic medicine (4 th ed.). New York: Pergamon Press	

Course Name: Environmental Psychology	Course Code: PSY- 830
Credit Hours: 3	
Course Outline: Introduction to environmental Psychology	

The psychology of solving environmental problems
 Scientific method, theory and practice
 Environmental History
 Cognition: Environment perception
 Cognition: Environment experience
 Cognition: Information processing and environmental values
 Cognition: Solving environmental problems
 Cognition: Perceived environmental problems
 Cognition: Risk perception

Recommended Books:

Anderson-Hanley, C. M. (1997) adventure Programming and Spirituality: Integration Models, methods and research. Journal of Experimental Education. 20(2). 102-108.

Bell, P., Greene, T., Fisher, J., & Banum, A. (2001). Environmental Psychology, (5th ed.). New York: Harcourt-Brace, Inc.

Durning, A. (1992). How Much is Enough? The Consumer Society and the Furture of the Earth. New York: Norton.

Gallagher, W. (1993). Saving the World. The Power of Place. New York : Harper Collins.

Helgesen, S. (2001). Six Strategies for trainging the New World of Work. New York: The Free Press.

Miller, T. (1998). Acognitive approach to wanting what you have. Wanting What You Have: A sElf-Discovery Workbook. Oaklan., CA New Harbinger Publications.

Myers, D. G., & Diener, E. (1996). The pursit of happiness. Scientific American. 70-72.

Quinn, D. (1992). Ishmael: An Adventure of the Mind and Spirit. New York: Bantam.

Sliversteon, S. (1964). The Giving Tree: NY: HarperCollins.

Course Name: Applied Social Psychology	Course Code: PSY- 831
Credit Hours: 3	
<p>Course Outline:</p> <ul style="list-style-type: none"> Research Methods of Social psychology Theories of Social Psychology Consumer issues in social psychology International images and improving international relations Prejudice and Reducing Prejudice Social psychology and health Environmental issues in social psychology Policies and social psychology The dynamics of War, conflict and terrorism 	
<p>Recommended Books:</p> <p>Baron, R.A. & Byrne, D. (1987). Social Psychology: Understanding Human Interaction. Boston: Allyn & Bacon.</p>	

Baron, R. A. & Byrne, D. (2000). Social Psychology. (9th ed.). New York: Pearson Education Asia.

Berkowitz, L.S. (1986). Survey of Social Psychology. (3rd ed.). New York: CBS Publishig.

Freedman, J.L., Sears D.O., & Carlsmith, J.M. (1981). Social Psychology. (4th ed.). New York: Prentice Hall.

Hogg, M.A. , & Vaughan, G.M. (1995). Social Psychology. (2nd ed.). London: Prentice Hall.

Myers, D.G. (1994). Exploring Social Psychology. NY: McGraw Hill.

Taylor, S.E., Peplau, L. A., & Sears, D.O. (1994). Social psychology. (8th ed.). New Jersey: Prentice Hall Englewood Cliff.

Wiggins, J.A., Wiggins, B.B., & Zanden, J.W. (1994). Social psychology. (5th ed.). McGraw-Hill, Inc.

Course Name: Rehabilitation Psychology	Course Code: PSY- 832
Credit Hours: 4	
<p>Course Outline:</p> <ul style="list-style-type: none"> Concept and definitions of disability Types of disabilities <ul style="list-style-type: none"> visual impairment hearing and speech impairment Locomotors disability <ul style="list-style-type: none"> Mental disability Mental illness Cerebral palsy Autism Learning disabilities Multiple handicaps Goals and objectives of rehabilitation Multiple disciplinary approach to rehabilitation: Biological, medical, psychological, education and social aspects. Screening and early identification of people with development disabilities Early intervention: definition, assessment and strategies for intervention Intervention packages for various disabilities Therapeutic services and restorative techniques. 	
<p>Recommended Books:</p> <ul style="list-style-type: none"> Hallahan, D. & Kauffman, J. (1986). Exceptional children: Introduction to special education. NY: Prentice Hall. Heward, W. & Orlarisky, M. (1988) Exceptional Children: An introductory survey of special education. NY: Nerril Milles, C. (1990). Special Education for Mentally Retarded. Peshawar: Mental Health Centre. 	

Course Name: Health Psychology	Course Code: PSY- 833
Credit Hours: 3	
<p>Course Outline: Foundations of health psychology Changing models of health Patterns of disease and Death Copying with stress and pain Cardiac rehabilitation Copying with cancer Dealing with HIV and AIDs Community Mental Health programmes, preventive programmes for children, women, adults and elderly persons with reference to Pakistan</p>	
<p>Recommended Books: Coleman, T. (2004). ABC of smoking cessation, Use of simple advice and Behavioral support. BMJ, 328,397-399. Ernest. (2000). The role of complementary and Alternative medicine. BMJ, 321, 1133-5. Keefe, F.J. & France,C.R. (1999). Pain: biopsychosocial mechanisms and management. Current Directions, in Psychological Science, 8,137-141. Ogden, J. (2004). Health Psychology: a textbook, Bristol, PA: open University Press. Ogden. (2004). Health psychology. Bristol: Open University Press.</p>	
Course Name: Educational Psychology	Course Code: PSY- 834
Credit Hours: 3	
<p>Course Outline: Research Methods in applied Educational Psychology. Motivation and learning Curriculum and instruction Psycho-educational interventions Children with special needs Professional, ethics and issues in educational psychology</p>	
<p>Recommended Books: Crow, L. & Crow, A. (2000). Educational Psychology. New Delhi: Euroasia Publishing House Ltd. Eggen, P & Kauchak, D. (2006). Educational Psychology. NJ: Merrill</p>	
Course Name: Psychology of Sports and Exercise	Course Code: PSY- 835
Credit Hours: 3	
<p>Course Outline: Introduction to the field of sports psychology Personality and sport Competition and cooperation Feedback, reinforcement and intrinsic motivation Stress and anxiety Group and team dynamics Leadership and effective communications Self imagery and self confidence Goal setting and concentration</p>	

Exercise and psychological well being
 Addictive and unhealthy behaviors
 Burnout and overtraining
 Children's psychological development through sport
 Character development and sportsman ship

Recommended Books:

Annesi, J. (1996). Enhancing Exercise Motivation. A guide to increasing fitness center member retention. Los Angeles: Leisure Publications.
 Orlick, T. (1990). In pursuit of excellence. Chanpagn, IL: Human Kinetics.
 Pargman, D. (ed). (1993). Psychology of sport industry. Champaign, IL: Human Kinetics.
 Williams, J. (ed). (1998). Applied sport psychology: Personal growth to peak performance. Mountain View, CA: Mayfield Publishing Co.

Course Name: Developmental Psychology	Course Code: PSY- 836
Credit Hours: 3	
<p>Course Outline:</p> <ul style="list-style-type: none"> Introduction to Developmental Psychology Piaget's theory : Milestones and Mechanisms Information processing Theories of Development Socio-cultural Theories of Development Sensation, Preception and Biological Development Conceptual Development and Theory of mind Individual differences in languages development Emotions and Emotional Regulation Relationships and attachment Theory Parenting and parenting styles Developmental Disabilities 	
<p>Recommended Books:</p> <p>Hurlock, E.B. (1959). Developmental Psychology. New York: McGraw Hill. Hurlock, E.E. (1964). Developmental Psychology. New York: McGraw Hill. Jersild, A.T. (1957). The Psychology of Adolescence. New York: Macmillan Munn, N.L. (1959). The Evolution and Growth of Human Behaviour. Houghton: Mifflin Co. Pteserry, S.L. & G.R Kuhlen (1965). Psychological Development throughout the span. New York: Harper.</p>	

Course Name: Assessment Under Different Settings

Course Code: PSY- 840

Credit Hours: 4

Course Outline:

Methods in Personality Assessment: Objective, Projective, Ink-blot, Pictures, Words, Figures, Behavioral Assessment etc.

Clinical and Counseling Assessment: The Tests, The Interviews, The Case History Data, Forensic Psychological Assessment, Writing Report.

Neuropsychological Assessment: tests, Batteries and other tools.

Assessment of People with Disabilities: Visual, Hearing, Motor, Cognitive (Learning), Disabilities assessment. Disability and Diversity.

Assessment in Career and Business: Assessing Interests, Attitude, Aptitude, Motivation, Job Satisfaction, Stress and Burnout.

Screening, Selection, Classification and Placement, testing and item Response Theory (Latent Trait Theory)

Assignment in this course will include OFICAL STUDY VISITIS to places like ISSB, FPSC, PPSC, NTS, EATA, and other organizations. They will be briefed about the Mechanism of testing there in order to develop an applied vision in Testing and Evaluation. Lectures will be arranged for them and they will be asked to write reports of these events in which internal viva and/or presentation will be arranged.

Recommended Books:

Hopkins, K.D. (1998). Educational and psychological measurement and evaluation. (8th ed). Boston: Allyn & Bacon.

Irvin, S.H. & Carrol, W.K. (1988). Testing and assessment across: Issues in methodology and Theory. In Trianddis, H.C. & Berry, J. W. (1990). Handbook of Cross Cultural Psychology: Methodology. Boston: Allyn and Bacon, Inc; (II), 181-244.

Jackson, D.N., Messick, S. & Thorndike. (1990). Problems in Human Assessment. New York: McGraw Hill.

Janda, L.J. (1998). Psychological Testing. Theory and Applications: Allyn and Bacon.

Jensen, A.R. (1980). Bias in Mental Tests. London: Methuen.

Kaplan, R.M. & Succuzzo, D. P. (1982). Psychological Testing: Principles, applications and issues. California: Brooks/Cole Publishing Company.

Khan, M.J. (1996). Validation and Norm Development of Siddiqui-Shah Depression Scale (SSDS). M.Phil. Dissertion. Peshawar: Department of Psychology, University of Peshawar.

Kline, P. (1986). A Hand Book of Test and Construction: Introduction to Psychometric Design. New York: Methuen.

Krippendorff, K. (1980). Content Analysis: An Introduction to its Methodology. Newbury Park: Sage Publications, Inc.

Lindquist, E.F. (1961). Educational Measurement. Washington DC: American Council on Education.

Magnusson, D. (1967). Test Theory. Massachusetts: Addison Welsey Publication Company.

Marnat, G.G. (1990). Handbook of Psychological Assessment. New York: John

Wiley & sons.
 Mischel, W. (1968). Personality and Assessment. New York: John Wiley & Sons, Inc.
 Monograph Series: Test Construction, Islamabad: National Institute of Psychology.
 Murphy, K.R. & David'shofer,C. O.(1988). Psychological testing: Principles and Applications. New Jersey: Prentice Hall.
 Nunnally, J.C. (1964). Educational measurement and evaluation. New York: McGraw Hill Book Company.
 Nunnally, J.C. (1967). Psychometric Theory. New York: McGraw Hill Book Company.
 Oppenheim, A.N. (1992). Questionnaire Design, Interviewing, and Attitude Measurement. London: Pinter Publishers.
 Robinson, J.P. & Shaver, P.R. (1980). Measures of Social Psychological Research. Michigan: Institute of Social Research.

Course Name: Psychological Warfare	Course Code: PSY- 842
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Credit Hours: 3

Course Outline:

Nature and Scope.
 Psychological Warfare over the ages (Historical and Islamic perspective).
 Basic Psychological concepts in Psychological Warfare.
 Learning, Perception, Cognition, Personality, Motivation, Attitude and Opinion,
 Target Audience, Psychological Factors, Sociological Factors, Cultural Factors.
 Role of intelligence, Research and Analysis
 Evaluation of Effectiveness
 Offensive and defensive Psychological Warfare
 Tools of Psychological Warfare
 Rumors, Brain Washing, Introduction/Disinformation, Mass communication, Use
 of different types of Mass Media, Interpersonal and persuasive communication,
 Panic as a Psychological Warfare Tool.

Recommended Books:

Bass, B.M. (1981). Leadership on Future battle field, Rawalpindi, army Education Press.
 Boring E.G. (1975). Psychology for Armed Forces. New York: John Wiley.
 Framken, R.E. (1983). Human Motivations. New York: John Wiley.
 Gal. R. & Mangels Droff A.D, (Eds.) (1991). Hand Book of Military Psychology. New York: John Wiley.
 Hent J.G. & Balair J.D. (1988). Leadership on the future battle field, Rawalpindi. Army Education Press.
 Rehman, A. Gill, G.A & Ahmad, S. L (Eds). (1992). Pakistan Army Green Book, Lahore: Feroz Sons.
 Segal, D.R. & Goldman, N. (1976). The social Psychology of Military Psychology.
 Sheyyag, VB.V., Glotoch, A.D., & Platonov K.K. (1992). Military Psychology (A

soviet view).

Waris, M.T.O., Abbaso, M.S. & Ali, S. I. (Eds.). (1990). Pakistan Army Green Book, Lahore: Feroz sons.

Iskoff, M.E & Rampton, G. (Eds.). (1989). Military Personnel Measurement: New York: Green Book.

Course Name: Theories of Mass Communication and Related Issues	Course Code: PSY- 843
Credit Hours: 3	
Course Outline: Introduction: Historical background of Radio, Film, Print media, Video, Television Teleconferencing. E-Mail etc. Concept in Mass Communication. Theories of Mass Communication Models of Mass Communication. Research Methods Mass Media and Socio-economic Development, Communication & Decision-Making Prospects and problems of telecommunication in developing and under developed nations. Changing trends in media technology. Interpersonal process of communication. Public Relations. Intercultural communication Theories of verbal communication Mass Media and Cultural reinforcement Contribution of Pakistani Psychologists International flow of information	
Recommended Books: Defleur, M. & rokeach, S.B. (1989). Theories of Mass Communication. Longman Dominick, J. (1996). The Dynamics of Mass Communication. NY:McGraw Hill. Johseph, K.T.(1960). The Effects of Mass Communication. NJ:Free Press. Lowery, S. & Defleur, M.(1988). Milestones in Mass Communication, Research Media effects. New York: Longman. Schramm, W. (Ed.). (1961). The Process and Effects of Mass Communication. Urbana: University of Illinois Press.	
Course Name: Psychology Seminar	Course Code: PSY- 844
Credit Hours: 1	
Course Outline: Scholar will work and deliver seminars on multiple issues in their intended area of specialization.	

Course Name: Research: Design and Analysis in theory and practice

Course Code: PSY- 845

Credit Hours: 3

Course Outline:

Experimental and quasi-experimental designs
Qualitative methods of research in social sciences.
Survey Research and its techniques
Linking Design to its analysis
The use of statistical techniques and its interpretation
How to write a research paper.

(the course assignment will be a research paper in its finished form)

Recommended Books:

- Bordons, K.S., & Abbott, B.B.(2005). Research Designs & methods. (6th ed.). Tata McGraw-Hill Publishing company.
- Cozby, P.C. (1984). Using Computers in the Behavioral Sciences. California: Mayfield Publishing Company.
- Cozby, P. C.(2001). Methods in behavioral research. (7th ed). California: McGraw Hill company.
- Denial, B. w. (2009). Discovering Statistics using SPSS. Sussex: University Press.
- Dunham, P.J. (1988). Research Methods in Psychology. New York: Harper & Row publishers.
- Graziano, A. M., & Raulin, M.D. (1989). Research methods: a process of inquiry. New York: Harper & Row publishers.
- Heiman, G.W. (1995). Research methods in psychology. New York: Harper & Row Publishers
- Joaquim, P., & Marques. D. S. (2007). Applied Statistics Using SPSS, STATISTICA, MATLAB, and . R. (2nd Ed.)> NY: Pergamon.
- Kumar, R. (2005). Research methods: A step-by-step guide for beginners. (2nd ed.). NY: Pearson Education.
- Mertens, D. M. (1998). Research methods in education and psychology: Integrating diversity with quantified and qualified approaches. London : Sage Publishers.
- Ntoumanis, N. (2005). A Step-by-Step Guide for SPSS and Exercise Studies. London: Fetter Lane.
- Rosenberg. K.M., & Daly, H. B. (1993). Foundations of behavioral research: a basis question approach. New York: Harcourt Brace College Publishers.