

د اېسوسي اېټ ډگري نصاب

# پښتو



پښتو څانگه  
پښتونخوا مطالعاتي مرکز  
باچا خان پوهنتون چارسده ، خېبر پښتونخوا

## نصابي ڊويژن

1. ڊاڪٽر اصل مرجان (محب وزير) اسٽينٽ پروفيسر
2. ڊاڪٽر بدرالحڪيم حڪيمزے لیکچرر
3. ڊاڪٽر فقير محمد (فقير) لیکچرر
4. ڊاڪٽر شفيع الله اسٽينٽ پروفيسر

**Scheme of Studies FOR TWO-YEAR Associate Degree In Pashto**

**FIRST YEAR: FIRST SEMESTER**

<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>Course Type</b>	<b>CREDIT HOURS</b>
ELL-311	English I: Functional English	Gen Ed	03
IS-312	Islamic Studies	Gen Ed	03
SOC -313	SS-1 (Citizenship Education and community Engagement)	Gen Ed	03
EDU-312	NS-1 (General Science)	Gen Ed	03
PASH-311	املا او رسم الخط (ليک دود)	Subject-Specific	03
PASH-312	د پښتنو د نسل او ژبې تاريخ	Subject-Specific	03
<b>Total Credit Hours</b>			<b>18</b>

### **FIRST YEAR: SECOND SEMESTER**

<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>Course Type</b>	<b>CREDIT HOURS</b>
ELL-321	English II: Composition Writing	Gen Ed	03
PS-321	Pakistan Studies*	Gen Ed	03
CS-311	QR-1 (Introduction to Information and Communication Technologies)	Gen Ed	03
	Arts and Humanities-I (Languages)	Gen Ed	03
PASH-321	د پښتو شفاهي او اولسي ادب پيژندگلو	Subject-Specific	03
PASH-322	د پښتو د ادبي صنفونو پيژندگلو	Subject-Specific	03
<b>Total Credit Hours</b>			<b>18</b>

Note:\*The medium of instruction for the subject of Pakistan Studies and Islamic Studies may be Urdu or English language.

### **SECOND YEAR: THIRD SEMESTER**

COURSE CODE	COURSE TITLE	Course Type	CREDIT HOURS
ELL-411	English III: Academic Reading and Writing	Gen Ed	03
	Social Sciences - II	Gen Ed	03
	Natural Sciences-II	Gen Ed	03
PASH-411	د پښتو ادب وړومبي دورونه	Subject-Specific	03
PASH-412	د پښتو شاعرۍ زرین دور	Subject-Specific	03
<b>Total Credit Hours</b>			<b>15</b>

### SECOND YEAR: FOURTH SEMESTER

COURSE CODE	COURSE TITLE	Course Type	CREDIT HOURS
	Arts and Humanities-II	Gen Ed	03
PHIL-312	QR-II(Logic and Quantitative Reasoning)	Gen Ed	03
PASH-421	د پښتو نثر دریم دور	Subject-Specific	03
PASH-422	جدید پښتو شاعرۍ	Subject-Specific	03
PASH-423	جدید پښتو نثر	Subject-Specific	03
	Internship	General	Non-Credit Hour
	Entrepreneurship/Youth Club/ Sports	General	Non-Credit Hour
<b>Total Credit Hours</b>			<b>15</b>

#### Arts and Humanities

I. Pashto, Urdu, Arabic, Turkish, Chinese or any other language

II. Islamic History and Culture, Philosophy, History, Education, Home Economics or any other approved course of BKUC

#### Social science II

Political Science, Sociology, Psychology, Economics , Law , or any other approved Basic course of BKUC

#### Natural Sciences II

Mathematics, Statistics , Botany, Zoology, Chemistry, Physics (or any other approved Basic Course of BKUC)

د نصاب تفصیل

## **FIRST YEAR: FIRST SEMESTER**

<b>COURSE TITLE:</b>	<b>ENGLISH –I: FUNCTIONAL ENGLISH</b>
<b>LEVEL:</b>	<b>AD 1<sup>st</sup></b>
<b>COURSE CODE:</b>	<b>ELL-311</b>
<b>CREDITS HOURS:</b>	<b>03</b>
<b>COURSE TYPE:</b>	<b>FOUNDATIONAL COURSE</b>

### **Course Description**

The subject aims to enhance the students' ability in the meaningful use of grammatical structures. Students will be able to use the targeted grammatical structures meaningfully and appropriately both in oral and written production.

### **Course Objectives**

1. To enable students to identify main/topic sentences.
2. To teach them to use effective strategies while reading texts.
3. To acquaint them with cohesive devices and their function in the text.

### **Course Contents**

- Vocabulary (Frequently confused / misused words, Phrases, synonyms, antonyms, idioms & General vocabulary),
- Practical Use of Grammar (Nouns, Pronouns, Verbs, Adjectives, Adverbs, Prepositions, Conjunctions, Articles, Interjections & Tenses),
- Transitive and Intransitive verbs
- Punctuations, 14 American English Punctuations.
- Sentences (Types of sentences, Parts of sentences, Direct and Indirect Speech, Active & Passive Voice & Conditional Sentences),
- Composition + Summarization (Describing, Narrating, Argumentation, Short / long Composition)
- Comprehension + Précis writing.
- Phrase, Types of Phrase
- Clause, Types of Clause

### **Recommended Books**

- High School English Grammar & Composition by Wren and Martin.
- Practical English Grammar by A.J. Thomson & A.V. Martinet. Exercises 1 & 2. 3<sup>rd</sup> edition. Oxford University Press.
- Writing. Intermediate by Marie-Christine Boutin, Suzanne Brinand & Françoise Grellet. Oxford Supplementary Skills. 4<sup>th</sup> Impression 1993.
- Reading. Upper Intermediate. Brian Tomilson & Rod Ellis. Oxford Supplementary Skills. 3<sup>rd</sup> Impression 1992

<b>COURSE TITLE:</b>	<b>ISLAMIC STUDIES</b>
<b>LEVEL:</b>	<b>AD 1<sup>st</sup></b>
<b>COURSE CODE:</b>	<b>IS-312</b>
<b>CREDIT HOURS:</b>	<b>03</b>
<b>COURSE TYPE:</b>	<b>COMPULSORY</b>

### **Course Description**

Islamic studies provide an introduction to Islamic teachings, history in classical and modern periods, and contemporary thought.

### **Course Objectives:**

- 1 To provide Basic information about Islamic Studies
- 2 To enhance understanding of the students regarding Islamic Civilization
- 3 To improve Students skill to perform prayers and other worships
- 4 To enhance the skill of the students for understanding of issues related to faith and religious life.

### **Course Contents:**

#### **Introduction to Quranic Studies**

- Basic Concepts of Quran
- History of Quran
- Uloom-ul -Quran

#### **Study of Selected Text of Holly Quran**

- Verses of Surah Al-Baqra Related to Faith (Verse No-284-286)
- Verses of Surah Al-Hujrat Related to Adab Al-Nabi (Verse No-1-18)
- Verses of Surah Al-Mumanoon Related to Characteristics of faithful (Verse No-1-11)
- Verses of Surah al-Furqan Related to Social Ethics (Verse No.63-77)
- Verses of Surah Al-Inam Related to Ihkam (Verse No-152-154)

#### **Study of Selected Text of Holly Quran**

- Verses of Surah Al-Ihzab Related to Adab al-Nabi (Verse No.6, 21, 40, 56, 57, 58.)
- Verses of Surah Al-Hashar (18,19,20) Related to thinking, Day of Judgment
- Verses of Surah Al-Saf Related to Tafakar, Tadabar (Verse No-1,14)

#### **Seerat of Holy Prophet (S.A.W) I**

- Life of Muhammad Bin Abdullah ( Before Prophet Hood)
- Life of Holy Prophet (S.A.W) in Makkah
- Important Lessons Derived from the life of Holy Prophet in Makkah

#### **Seerat of Holy Prophet (S.A.W) II**

- Life of Holy Prophet (S.A.W) in Madina
- Important Events of Life Holy Prophet in Madina
- Important Lessons Derived from the life of Holy Prophet in Madina

#### **Introduction To Sunnah**

- Basic Concepts of Hadith
- History of Hadith
- Kinds of Hadith
- Uloom –ul-Hadith
- Sunnah & Hadith
- Legal Position of Sunnah

### **Introduction To Islamic Law & Jurisprudence**

- Basic Concepts of Islamic Law & Jurisprudence
- History & Importance of Islamic Law & Jurisprudence
- Sources of Islamic Law & Jurisprudence
- Nature of Differences in Islamic Law
- Islam and Sectarianism

### **Islamic Culture & Civilization**

- Basic Concepts of Islamic Culture & Civilization
- Historical Development of Islamic Culture & Civilization
- Characteristics of Islamic Culture & Civilization
- Islamic Culture & Civilization and Contemporary Issues

### **Islam & Science**

- Basic Concepts of Islam & Science
- Contributions of Muslims in the Development of Science
- Quranic & Science

### **Islamic Economic System**

- Basic Concepts of Islamic Economic System
- Means of Distribution of wealth in Islamic Economics
- Islamic Concept of Riba
- Islamic Ways of Trade & Commerce

### **Political System of Islam**

- Basic Concepts of Islamic Political System
- Islamic Concept of Sovereignty
- Basic Institutions of Govt. in Islam

### **Islamic History**

- Period of Khlaft-E-Rashida
- Period of Ummayyads
- Period of Abbasids

### **Social System of Islam**

- Basic Concepts of Social System of Islam
- Elements of Family
- Ethical Values of Islam

### **Recommended Books:**

- Bhatia, H.S. (1989). Studies in Islamic Law, Religion and Society. New Delhi: Deep & Deep Publications.
- Hasan, Ahmad. (1993) .Principles of Islamic Jurisprudence. Islamabad: Islamic Research Institute, IIU.
- Waliullah, Mir. (1982). Muslim Jrisprudence and the Quranic Law of Crimes. Lahore: Islamic Book Service.
- Zia-ul-Haq, Muhammad. (2001). Introduction to Al Sharia Al Islamia. Islamabad:Allama Iqbal Open University.

<b>COURSE TITLE:</b>	<b>CITIZENSHIP EDUCATION AND COMMUNITY ENGAGEMENT</b>
<b>LEVEL:</b>	<b>AD 1<sup>st</sup></b>
<b>COURSE CODE:</b>	<b>SOC-313</b>
<b>CREDIT HOURS:</b>	<b>03</b>
<b>COURSE TYPE:</b>	<b>GENERAL</b>

**COURSE OBJECTIVES:**

The overall objectives of this course are to:

- Teach students the importance and role of active citizenship in promoting a productive, harmonious and developed society/world
- Educate students about the importance of concepts, skills and philosophy of community linkages in developing a sustainable society
- Inculcate the importance of community involvement for ensuring an improved, tolerant and generative society/world
- Provide an opportunity to the students to develop their relationship with the community

**Learning Outcomes:**

The primary outcome is inclusive development through active citizenship locally and globally, more over , the following are the detail outcomes of the course based on the three domain of Bloom's taxonomy i.e Affective, Psychomotor and cognitive. The student will able to :

- Understand the overall organization of the society
- Recognize and exercise their rights, responsibilities and significance of active citizenship and positive societal development
- Identify and critically evaluate social issues and implement pricatable community based solutions
- Understant the concept of human writes and its significance
- Appreciate diverse viewpoints and inter-cultural harmony

**Course Outline:****Introduction to Citizenship Education and Community Engagement**

- Meaning and History
- Attributes of Active Citizenship
- Different Approach
- iv. Republican Approach
- v. Liberal Approach
- vi. Cosmopolitan Approach
- Dimensions of Active Citizenship



- v. Rights
- vi. Membership
- vii. Participation
- viii. Identity

#### **Identity, Culture and Social Harmony**

- Sociological Theories of Self Formation
- iv. Sigmund Freud Theory
- v George Herbert Mead Theory
- vi. Charles Horton Cooley Theory

#### **Culture and Religious Harmony**

- Pluralism & Diversity
- Democracy and Democratic Norms
- Concept and Development of Identity
- Components of Culture and Social Harmony

#### **Inter-Cultural Dialogue (Me versus You)**

- Principles and Purpose
- Ability to Support, Learn and share thoughts dialogue
- Policy dialogue (Encourage Young People to share their opinion and perspective with policy makers and opinion makers.

#### **Local and Global Communities**

- Concept of community
- Needs, issues and conflicts
- Conflict Resolution
- Communication and Networking
- Social Cohesion
- Social Capital
- Social Networking
- Advocacy
- Social Entrepreneurship & Partnership

#### **Social Action Planning**

- Skills in Project Planning & Marketing
- Project Cycle
- Stakeholder Analysis
- Problem Identification
- Writing Project Plan
- Monitoring & Evaluation
- Risk Analysis

#### **Population Dynamics in Pakistan**

- Population Growth Pakistan
- Factors Behind High Fertility Rate

viii. Legislative Action

- ix. Deart of Medical Facilities
- x. Delayed VS early Age Marriges
- xi. Poverty
- xii. Women Empowerment
- xiii. Spreding Awareness
- xiv. Providing Incentives
  - Population Theory
  - How to Control Population Rate

#### **Text and Reference Books:**

##### **Core Readings:**

- Larsen, A.K, Sewpaul,V.,& Holy, G,O (Eds). Participation in community work: Internationals perspectives. Routledge.
- **Alan,T.(2008). Community work, London: Palgrave Macmillan.\**
- **British Council, (2017) Active Citizen’s Social Action Projects Guide (Scotland: British Council.**
- **Kaye, C.B. (2004). The complete guide to serve learning: proven, Practical ways to engage students in civil responsibility, academic curriculum, & social action. Free Spirit Publishing.**
- Hans, R.(1993). Population Studies, Indian Council of Social Science Research, New Delhi.
- Demeny, P., McNicoll, G., & Hodgson, D. (2003). Encyclopedia of Population.Hodgson, Dennis (2003). Contemporary Population Thought.
- Peterson, W. (1975). Population, New York, Macmillan.
- Srinivasan, K. (1998). Basic Demo graph techniques and applications. SAGE Publications Ptv Limited.
- Todaro, M. P. (1977). Economic Development in the Third World: An introduction to problems and policies in a global perspective. Pearson Education.
- United Nations Economics Commission for Europe-Official Web Site
- UNO (200). Population Trends, World Population Monitoring, Population growth Structure and Distribution 1999. Department of Economics and Social Affairs, population Division, UNO.
- Weeks, J. R. (1992). Population: An Introduction to Concepts and Issues, BelmartCalifornia, Wadsworth Publishing Company.

<b>COURSE TITLE:</b>	<b>GENERAL SCIENCE</b>
<b>LEVEL:</b>	<b>AD 1<sup>st</sup></b>
<b>COURSE CODE:</b>	<b>EDU-312</b>
<b>CREDIT HOURS:</b>	<b>03</b>
<b>COURSE TYPE:</b>	<b>GENERAL</b>

### **Course Outline**

Unit 01: Nature of General Science

- 1.1 Definition and nature of General Science
- 1.2 Importance of General Science in Daily Life
- 1.3 Contributions of Muslim Scientists in Different Areas of Science
- 1.4 Scope of General Science

Unit 02: Introductions to Physics

- 2.1 Introduction to Physics
- 2.2 Branches of Physics
- 2.3 Islam and Physics
- 2.4 Scientific Method

Unit 03: Measurements

- 3.1 Concept of Physical Quantities
- 3.2 Different Systems of Units
- 3.3 Relationship of Different Quantities
- 3.4 Pre-fixes and Scientific Notation

Unit 04: Introduction to Chemistry

- 4.1 Meaning and Importance to Chemistry
- 4.2 History of Chemistry
- 4.3 Braches of Chemistry
- 4.4 Chemistry and its Applications

Unit 05: Basic Concepts of Chemistry

- 5.1 Atom, Molecule, Valence Simple formulae
- 5.2 Atomic Number, Atomic Weight, Formulae weight
- 5.3 Structure of Atom
- 5.4 Different Atomic Theories

Unit 06: Introductions to Biology

- 6.1 Introductions to Biology
- 6.2 Quran and Biology
- 6.3 Branches of Biology
- 6.4 Biology and Human Welfare

Unit 07: Basic Concepts of Biology

- 7.1 Cell, Tissue, Organs and System
- 7.2 Parts and Structure of Plant Cell
- 7.3 Parts and Structure of Animal Cell
- 7.4 Difference Between Animal and Plant Cell

Unit 08: Concept of Physical Chemistry

- 8.1 Ideal Gas Equation

- 8.2 Vander Waals Equations
- 8.3 Thermodynamics
- 8.4 Free Energy and Chemical Equilibrium

Unit 09: Waves

- 9.1 Concept of Wave
- 9.2 Types of Waves
- 9.3 Simple Harmonic Motion
- 9.4 Derivation of Equation

Unit 10: Conservation of Energy

- 10.1 Conservation laws in Physical World
- 10.2 Conservation of Energy
- 10.3 Conservative Forces
- 10.4 Conservation of Linear Momentum

Unit 11: Diversity

- 11.1 Taxonomy of Plants
- 11.2 Taxonomy of Animals
- 11.3 Fauna and Flora

Unit 12: Systems in plants Transportation

- 12.2 Excretion
- 12.3 Photosynthesis

**Recommended Books**

Harlen, W. (2003). Teaching of Science, London: David Fulton.

Hassard J. (2004) Minds of Science: Middle and secondary methods, New York: Harper Collins Publishers.

Monler Martin (1999) Learning to teach science, London, the Falmer Press

Nellist, J. & Nicholl, B. (2004). Science Teachers Handbook. London: the Association of Science Education

Rehman M. (2004). Teaching of science and Mathematics. Ijaz Printer Peshawer Pakistan.

Lewis Eikenberry, W. (2008) The teaching of general science, The University of Chicago Press

کورس کوډ: PASH-311  
درې ساعتونه

پښتو املاء او رسم الخط

- املاء او رسم الخط کښې فرق
- د رسم الخط مختلف قسمونه
- د پښتو املاء ارتقاء
  - د قاضي سيف الله کوششونه
  - پښتو املاء کښې روښاني اختراعات
  - د اخون دروېزه کوششونه
  - پښتو املاء ته د خوشحال خان خټک بخښني
  - د پښتو ټولني کابل او پښتو اکېډمي د پښتو املاء په لړ کښې ابتدائي کوششونه
  - د باره گلي سيمينارونه او پښتو املاء
  - د پښتو د املاء او رسم الخط په لړ کښې انفرادي کوششونه
- پښتو املاء او ستونزې

مجوزه کتابونه:

1. ليکوالي املاء او انشاء، از گل باچا الفت
2. د خېرالبيان ليک دود، مشموله خېرالبيان، کابل چاپ، پوهاند عبدالشکور رشاد، مخ ۵۵ تا ۸۰ پورې
3. پښتو ليک دود، از پرېشان خټک
4. پښتو ليک دود، از حکمتيار
5. پښتو املاء، پروفېسر ډاکټر راج ولي شاه خټک
6. پښتو ليک دود، از خان شهيد عندالصمد خان
7. د پښتو ليک دود، از عبدالکريم بريالې
8. معياري پښتو، ډاکټر عبدالرزاق پالوال
9. پښتو ليک دود \_\_\_\_\_ ډاکټر نصرالله جان \_\_\_\_\_ پښتو اکېډمي
10. ساهو پښتو \_\_\_\_\_ مشتاق مجروح

کورس کوډ: PASH-312  
درې ساعتونه

د پښتنو د نسل او پښتو ژبې تاريخ

- د پښتون قام بېلابېل نومونه
- پښتانه د تاريخ په بېلابېلو دورونو کښې
  - سکندر او پښتانه

- د پښتني سيمې ته د اسلام راتگ
- مغل او پښتانه
- سيكان، غزاگاني او لامونه
- انگرېزان او پښتانه

د ژبي تعريف

- د ژبي تاريخ
- د ژبي او لهجې فرق
- د ژبو خاندانونه
- د پښتو ژبي په باب له بېلابېلې نظريې
- سامي نظريه او په هغې تنقيد
- آريائي نظريه او د هغې بنيادي مباحث
- شخصي نظريات

مجوزہ کتابونہ :

1. د پښتنو تاريخ، قاضي عطاالله
2. پښتانه د تاريخ په رڼا كښي، سيد بهادر شاه ظفر كاكاخېل
3. تذکره، خان روشن خان
4. افغانستان وروستې تمخاے — نذير سهار
5. تاريخ خان جهاني و مخزن افغاني، نعمت الله هروي
6. د پښتو ادبياتو تاريخ ( اول ټوك )، عبدالحئ حبيبي
7. پښتانه د تاريخ په رڼا كښي، سيد بهادر شاه ظفر كاكاخېل
8. پتهان، اولف كېرو
9. پښتون زبان و ادب كى مختصر تاريخ، عبدالله جان عابد
10. لسانيات پاكستان \_\_\_\_\_
11. هندوستاني لسانيات \_\_\_\_\_ محى الدين قادري زور
12. زبان كيا هے \_\_\_\_\_ پروفېسر خليل صديقى
13. ژبه او ژبپوهنه \_\_\_\_\_ ژباړه : ډاكټر نصرالله جان

## FIRST YEAR: SECOND SEMESTER

<b>COURSE TITLE:</b>	<b>ENGLISH II: COMPOSITION WRITING</b>
<b>LEVEL:</b>	<b>AD 2<sup>nd</sup></b>
<b>COURSE CODE:</b>	<b>ELL-321</b>
<b>CREDIT HOURS:</b>	<b>03</b>
<b>COURSE TYPE:</b>	<b>FOUNDATIONAL</b>

### Course Description:

The course focuses on the basic strategies of composition and writing skills. Good writing skills not only help students obtain good grades but also optimize their chances to excel in professional life. The course includes modes of collecting information and arranging it in appropriate manner such as chronological order, cause and effect, compares and contrast, general to specific etc. It enables the students to write, edit, rewrite, redraft and proofread their own document for writing effective compositions. Because of the use of a significant amount of written communication on daily basis, sharp writing skills have always been valued highly in academic as well as professional spheres.

### Course Objectives:

This course aims to:

1. Assist students identify the audience, message, and the purpose of writing
2. Develop rhetorical knowledge and critical thinking
3. Enable them express themselves in a variety of writing styles
4. Help students write well organized academic texts including examination answers with topic/thesis statement and supporting details.
5. Make students write argumentative essays and course assignments
6. Use different mechanics of writing to produce various types of compositions effectively keeping in view the purpose and the audience
7. Demonstrate rhetorical knowledge
8. Demonstrate critical thinking in well-organized forms of academic texts

### **Course Contents:**

- Writing Process,
- Invention in writing Process or brainstorming
- Generating Ideas (collecting information in various forms such as mind maps, tables, lists, charts etc)
- Identifying Audience, Purpose, and Message,
- Ordering Information,
- Chronology for a narrative,
- Stages of a process,
- Deductive vs Inductive approach in writing
- Comparison and contrast,
- Problem solution pattern,
- Drafting,
- Free Writing,
- Revising, Editing, Paraphrasing,
- Cohesion and Coherence, Cohesive Devices,
- Paragraph unity, Summary and Précis Writing,
- Creative Writing, Essay Writing,
- Developing a thesis, writing effective introduction and conclusion
- Organizing an essay, different types of essays, use of various rhetorical modes including exposition, argumentation and analysis

### **Recommended Books**

Critical Reading and Writing: An Introductory Course by Goatly, A. 2000. London: Taylor & Francis

A Writer's Reference by Hacker, D. 1992. 2nd ed. Boston: St. Martin's

Study writing: A course in written English for academic and professional purposes. by Hamp-Lyons, L. & Heasley, B. 1987. Cambridge: Cambridge University Press.

Oxford English for Undergraduates by Howe, D. H, Kirkpatrick, T. A. & Kirkpatrick, D. L. 2004. Karachi: Oxford University Press.

- Patterns for College Writing: Fourth Edition. Kirszner, L.G & Mandell, S.R. 1989 USA: St. Martin's Press, Inc.
  - Write to be Read: Reading, Reflection and Writing by Smazler, W. R. 1996. Cambridge: Cambridge University Press.
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**COURSE TITLE:** PAKISTAN STUDIES  
**LEVEL:** AD 2<sup>nd</sup>  
**COURSE CODE:** PS-321  
**CREDIT HOURS:** 03  
**COURSE TYPE:** COMPULSORY

**Course Objectives:**

Develop vision of historical perspective, government, political, contemporary Pakistan, Ideological background of Pakistan and to Study the process of governance, National development, issues arising in the modern age posing challenges tom Pakistan.

**Course learning outcomes:**

1 The outcome of this subject is purely the understanding of emergence of Muslims in Sub-Continents, Pakistan History, and Culture. Society Politics and its ideological basis. A part from these considering the national and international politics, this course also thoroughly explains the status and position of Pakistan and its importance in the global village.

The highlighted points are as given below:



- Advent of Islam in Sub-Continent
- The rise and fall of Muslims in India
- The emergence of imperial Power Britain
- Political emergence of Muslim as nation
- Role of religion in the freedom movement of Pakistan
- Geo strategic importance of Pakistan

### **Course Contents:**

#### **1. Historical Perspective**

- Ideological rationale with special reference to Sir Syed Ahmed Khan, Allama Muhammad Iqbal and Quaid-i-Azam Muhammad Ali Jinnah.
- Factors leading to Muslim separatism.
- People and Land.
  - i. Indus Civilization.
  - ii. Muslim advent
  - iii. Location and geo-physical features.

#### **2. Government and Politics in Pakistan**

- Political and constitutional phases:
  - 1947-58.
  - 1958-71.
  - 1971-77.
  - 1977-88.
  - 1988-99 .1999 onward

#### **3. Contemporary Pakistan**

- Economic institutions and issues.
- Society and social structure
- . Ethnicity.
- Foreign policy of Pakistan and challenges.
- Futuristic outlook of Pakistan.

### **Recommended Books:**

1. Issue in Pakistan's Economy (Latest edition) Karachi by Akbar, S. Zaidi, 2000, Oxford University Press,
2. Amin, Tahir. (1999). Ethno-National Movement in Pakistan. Islamabad: Institute of Policy Studies, Islamabad.
3. Mehmood, Safdar. (2001). Pakistan Kayyoon Toota. Lahore:Idara-e-Islamia. Club Road Press.
4. Mehmood, Safdar.(1994). Pakistan Political Roots & Development Lahore.
5. Waseem, Muhammad. (1987). Pakistan Under martial Law. Lahore: Vanguard.
6. Zaidi, Akbar. S. (200). Issue in Pakistan's Economy. Karachi: Oxford University.

<b>COURSE TITLE:</b>	<b>INTRODUCTION TO COMPUTER</b>
<b>LEVEL:</b>	<b>AD 2<sup>nd</sup></b>
<b>COURSE CODE:</b>	<b>CS-311</b>
<b>CREDIT HOURS:</b>	<b>03</b>
<b>COURSE TYPE:</b>	<b>COMPULSORY</b>

**Course Description**

Information technology literacy has become a fundamental requirement for any major. An understanding of the principles underlying digital devices, computer hardware, software, telecommunications, networking and multimedia is an integral part of any IT curriculum. This course provides a sound foundation on the basic theoretical and practical principles behind these technologies and discusses up to date issues surrounding them including social aspects and how they impact everyday life.

**Course Objectives**

1. Understand the fundamentals of information technology
2. Learn core concepts of computing and modern systems
3. Understand modern software programs and packages
4. Learn about upcoming IT technologies

**COURSE CONTENTS:****Introduction:**

- Definitions and Importance of Computer
- Basic Concepts of the Computer
- Input and Output Devices
- Classification of Computers
- Functions of Computer
- Storage Devices

**Software:**

- Concept of Software
- Operating System
- Programming and Application Software

**Word Process and Document Handling:**

- Creating a Document
- Composing Educational Documents
- Internet Browsing
- Plagiarism
- Email

**Spreadsheet (Excel):**

- Charts and Graphs
- Sum/Subtractions/Multiplication/division
- Sorting.
- Database

- Simulating and Modeling Change

**Power Point:**

- Composing Presentations
- Delivering Presentations

**Data Communication:**

- The Internet: Browsers and Search Engines
- Making and Opening Net ID
- Email
- E. Commerce

**Recommended Books:**

- Faden, P.D. and Vogel, RM. (2003). Methods of Teaching. Boston: Mc-Graw Hills.
  - Norton, Peter. (2003). Introduction to Computers. New York: McGraw-Hill Book Co.
  - Norton, P. and Spragu, D. (2001). Technology for Teaching. Boston: Allyn and Bacon.
- 

## **Arts & Humanities-1 (Languages)**

I. Urdu, Arabic, Turkish, Chinese or any other language

کورس کود: PASH-321  
درې ساعتونه

د پښتو شفاهي او اولسي ادب پېژندنه

- د فولکلور پېژندنه
- د پښتو اولسي ادب تاريخي پس منظر
- د پښتو د اولسي ادب بېلا بېلې خواوې ( قسمونه )
- منظوم اولسي ادبيات
- چاربيته (د مختلفو قسمونو چاربيتي)
- بدله
- کسرونه

- سندره
- منثور اولسي ادبيات
- داستانونه او نكلونه
- وړې قيصې
- ټوكې ټكالي
- متلونه
- كركې او كړنې
- ټپه
- كاكري
- د اتن نارې
- بابولالي
- الله هو
- منظوم متلونه
- د ماشومانو سندرې
- بگتي
- نيمكي

#### مجوزہ کتابونه :

1. روهي سندرې (ټپي) پروفېسر ډاکټر سلمی شاهين ، دويم چاپ ، پښتو اکېډمي پېښور پوهنتون ، ۲۰۱۳
2. د خلقو سندرې — حبيب الله رفيع
3. پښتو فوک لورکښې اړ — پروفېسر داور خان داود، ارباب لنډی، پېښور
4. د پښتو شفاهي داستان يوه تحليلي څېړنه، محمد ابراهيم عطائي
5. ټپه او ژوند، محمد نواز طائر
6. فولکلور او ادب ټولنه ( پښتني ملي اتنونه او ملي نڅاوې، غلام محي الدين غلجي
7. د پښتنو دودونه، غلام محمد
8. ملي هنداره، محمد گل نوري
9. كاكري غاړې \_\_\_\_\_ محمدصادق ژړک
10. د پښتو شفاهي ادبيات \_\_\_\_\_ غوټي خاورې
11. روهي متلونه \_\_\_\_\_ نواز طاير
12. پښتو چاربهټه \_\_\_\_\_ پروفېسر ډاکټريار محمد مغموم
13. د کندهار دودونه، عبدالخالق واسعي
14. زمونږ ژواک، عبدالقدوس دراني
15. كاكري، سيال كاكر
16. چغيان، سيال كاكر
17. فولکوري مرغلرې، (کركې، كړنې، ټوكې) عبدالکريم پتنگ
18. پښتني فولکلور، سيال كاكر
19. پښتو لوک ادب، افضل رضا
20. سرحد كے لوک گيت، فارغ بخاري
21. هغه سندرې چي فوک دي خو \_\_\_\_\_ غازي سيال

کورس کوډ: PASH-322

درې ساعتونه

د پښتو د ادبي صنفونو پېژندگلو (کلاسيکي او جديد)  
شعري صنفونه:

- حمد
- نعت
- غزل
- مثنوي
- مرثيه
- قصيده
- د کلاسيکي نظمونو تعارف ( مثلث ، رباعي ، مخمس ، معشر او نور گڼ)
- د جديد پابند نظم تعارف
- معری نظم
- ازاد نظم
- نثري نظم
- هائيکو
- نثري صنفونه
- داستان
- ناول
- افسانه
- ډرامه
- ژوند ليک ( خاطرې )
- خاکه

- شخصیت نگاری
- سفرنامہ
- راپورتاژ
- تکل

مجوزہ کتابونہ :

1. فضلیات \_\_\_\_\_ فضل میر خٹک
2. جرس نظم نمبر (د ڈاکٹر محمد زبیر حسرت مقالہ)
3. اردو شاعری کا فنی ارتقا
4. ادب خہ دے — سحر یوسفزے
5. د تکل فن او ارتقا — ماہنام خٹک
6. نگار (مجلہ) \_\_\_\_\_ اصناف ادب نمبر
7. زرکانے \_\_\_\_\_ - مشتاق مجروح
8. اردو کا تنقیدی مطالعہ \_\_\_\_\_ ڈاکٹر عبدالسلام سندیلوی



## **SECOND YEAR: THIRD SEMESTER**

<b>COURSE TITLE:</b>	<b>ENGLISH III: ACADEMIC READING &amp; WRITING</b>
<b>LEVEL:</b>	<b>AD 3<sup>rd</sup></b>
<b>COURSE CODE:</b>	<b>ELL-411</b>
<b>CREDIT HOURSS:</b>	<b>03</b>
<b>COURSE TYPE:</b>	<b>FOUNDATIONAL</b>

### **Course Description**

This course aims at inculcating proficiency in academic writing through research. It guides students to develop a well-argued and well documented academic paper with a clear thesis statement, critical thinking, argumentation and synthesis of information. This course also teaches students how to use different systems of citations and bibliography. It allows students to become independent and efficient readers armed with appropriate skills and strategies for reading and Comprehending texts at undergraduate level.

### **Course Objectives**

To enable the students to:

1. Improve literal understanding, interpretation & general assimilation, and integration of knowledge
2. Write well organized academic texts including examination answers with topic/thesis statement and supporting details.
3. Write argumentative essays and course assignments

### **Course Contents:**

#### **Reading and Critical Thinking**

- Read academic texts effectively by
- Using appropriate strategies for extracting information and salient points according to a given purpose
- Identifying the main points supporting details, conclusions in a text of intermediate level
- Identifying the writer's intent such as cause and effect, reasons, comparison and contrast, and exemplification
- Interpreting charts and diagrams

- Making appropriate notes using strategies such as mind maps, tables, lists, graphs.
- Reading and carrying out instructions for tasks, assignments and examination questions
- Enhance academic vocabulary using skills learnt in Compulsory English I course
- Acquire efficient dictionary skills such as locating guide words, entry words, choosing appropriate definition, and identifying pronunciation through pronunciation key, identifying part of speech, identifying syllable division and stress patterns
- Writing Academic Texts

### **Organization and development of effective compositions**

- employ appropriate strategies for prewriting, drafting, revising, and editing as part of the writing process
- compose coherent paragraphs, supporting central ideas with specific details
- Compose organized essays with genre-specific structure including thesis, introduction, body, and conclusion.
- demonstrate control of key conventions of standard written English
- summarize a text objectively
- respond to a text subjectively
- analyze, synthesize, interpret, and evaluate information from multiple texts
- apply active reading strategies such as skimming, scanning, questioning, and annotating
- develop vocabulary; choose correctly among different forms of related words; evaluate differences in diction

### **Recommended Books:**

- English Practice Grammar (New edition with tests and answers) by Eastwood, J. 2004. Karachi: Oxford University Press.
- Fisher, A. 2001. Critical Thinking. C UP
- Critical Reading and Writing: An Introductory Course. By Goatly, A. 2000. London: Taylor & Francis
- A Writer's Reference. 2nd Ed. By Hacker, D. 1992. Boston: St. Martin's
- Study writing: A course in written English for academic and professional purposes. By Hamp-Lyons, L. & Heasley, B. 1987. Cambridge: Cambridge University Press.

- Oxford English for Undergraduates. By Howe, D. H, Kirkpatrick, T. A., & Kirkpatrick, D. L. 2004. Karachi: Oxford University Press.
- Grammar in Use. By Murphy, R. 2003. Cambridge: Cambridge University Press.
- Write to be Read: Reading, Reflection and Writing. By Smazler, W. R. 1996. Cambridge: Cambridge University Press.
- Study Skills. By Wallace, M. 1992. Cambridge: Cambridge University Press.
- Primary Texts: The Norton Field Guide to Writing, by Richard Bullock; or The St. Martin's Guide to Writing, by Rise Axelrod and Charles Cooper; or The Allyn and Bacon Guide to Writing, by John Ramage and John Bean; or The Call to Write, by John Trimbu

## **SOCIAL SCIENCES- II**

### **Social science II**

Political Science, Sociology, Psychology, Economics , Law , or any other approved Basic course of BKUC

## NATURAL SEINCES-II

### Natural Sciences II

Mathematics, Statistics , Botany, Zoology, Chemistry, Physics (or any other approved Basic Course of BKUC)

کورس کوڊ : PASH-411  
درې ساعتونه

د پښتو ادب وړومبې دورونه

وړومبې دوره

- تذکره الاولیاء (نثر)
- امیر کرور
- بشکارندوي
- بیټ نیکه
- اسدسوري
- اکبر زمينداور
- او د پټې خزانې مذکور د دغه دورې نور شاعران

#### دويمه دوره

- پير روښان
- ارزاني خوېشکي
- مخلص
- دولت لوانه
- مرزا خان انصاري
- واصل روښانه
- کریم داد
- اخوند دروېزه

#### مجوزه کتابونه:

1. تذکره الاولیاء
2. پټه خزانه، محمد هوتک، ( متعلقه برخه )
3. پښتانه شعراء (ورومبے جلد) — عبدالحي حبيبي
4. د ارزاني خوېشکي کليات
5. د مخلص ديوان
6. ديوان دولت لوانه
7. ديوان مرزا خان انصاري
8. ديوان واصل
9. مخزن الاسلام
10. روښاني تصوف ————— ډاکټر پروېز مهجور
11. روښانيان او پښتو ادب ————— پروفېسر ډاکټر يار محمد مغموم
12. روښانيان د مغبو تاريخيان ————— عبدالاکبرخان

کورس کوڈ: PASH-412  
دری ساعتونہ

د پښتو شاعری زرین دور

- خوشحال خان خټک
- رحمان بابا
- عبدالقادر خان خټک
- اشرف خان هجري
- سکندر خان خټک
- صدر خان خټک
- حمید بابا
- حنان بارکزے
- کاظم خان شیدا
- معز الله خان
- کامگار خټک
- یونس
- خواجہ محمد بنگش
- علی خان
- مصري خان گگیانڈے

• محمدی صاحبزادہ

مجوزہ کتابونہ:

1. د پښتو ادبي تحریکونہ \_\_\_\_\_ ډاکټر راج ولي شاه خټک
2. پښتانه شعرا \_\_\_\_\_ عبدالحی حبیبی
3. پښتو زبان و ادب کی مختثر تاریخ \_\_\_\_\_ ډاکټر عبدالله جان عابد
4. د رنگ او بو قافله \_\_\_\_\_ ډاکټر اقبال نسیم خټک
5. رحمان بابا ادبي مکتب \_\_\_\_\_ ډاکټر محمد زیږ حسرت
6. ساهو ادب \_\_\_\_\_ همیش خلیل
7. پښتو شاعری \_\_\_\_\_ پریشن خټک

## Arts & Humanities-II

Islamic History and Culture, Philosophy, History, Education, Home Economics or any other approved course of BKUC

## **SECOND YEAR: FOURTH SEMESTER**

<b>COURSE TITLE:</b>	<b>LOGIC &amp; QUANTITATIVE REASONING</b>
<b>LEVEL:</b>	<b>AD 4<sup>th</sup></b>
<b>COURSE CODE:</b>	<b>PHIL-312</b>
<b>CREDIT HOURS:</b>	<b>03</b>
<b>COURSE TYPE:</b>	<b>COMPULSORY</b>

### **Course Contents**

#### **Basic Concept of Quantitative Reasoning:**

- Definition of Quantitative Reasoning
- The logic of Quantitative Reasoning.
- The scope of quantitative Logic
- Propositions, Arguments in quantitative Reasoning
- Conclusion-indicators and Premise-indicators
- The Laws of Thought
- Induction and Deduction in Quantitative Logic

#### **Language and Quantitative Reasoning:**

- The basic uses of language
- Discourse serving multiple functions
- The forms of discourse
- Kinds of agreement and disagreement

#### **Quantitative Reasoning and Symbolic Logic:**



- Quantitative Reasoning and Symbolic Language
- The symbols for Conjunction, Negation, and Disjunction
- The precise meaning of Valid and Invalid
- Testing arguments on Truth Table

### **Categorical Propositions and Quantitative Reasoning:**

- Classes and Categorical Propositions
- The four kinds of Categorical Proposition
- Quality, Quantity and Distribution
- The traditional square of opposition
- Obversion, Contraposition
- Symbolism and Diagrams of Categorical Proposition

### **Quantitative Reasoning and Categorical Syllogism:**

- Standard form of Categorical Syllogism
- The formal nature of Syllogistic arguments
- Venn diagram technique for testing Syllogism
- Syllogistic Rules and Fallacies
- Exposition of the 15 Valid forms of Categorical Syllogism
- Syllogistic Arguments
- Dilemma
- Disjunctive and Hypothetical Syllogism
- 

### **Recommended Books:**

1. Stewart, David and Blocker, Gene. H. (2006). Fundamentals of Philosophy. New Delhi: Pearson Education.
2. Copi, Irving. M. And Cohen, Carl. (2009). Introduction to Logic. New Delhi: Pearson Education.
3. Copi, Irving. M., Cohen, Carl. Jetli, Priyadarshi. and Prabhakar, Monica. (2009). Introduction to Logic. New Delhi: Dorling Kindersley Pvt, Ltd.

کورس کوډ: PASH-421  
درې ساعتونه

د پښتو نثر درېم دور

- د نثرنگارانو تعارف
- دستارنامه
- گل دسته
- تاریخ مرصع (د خټکو د تاریخ برخه)

مجوزہ کتابونه:

1. د پښتو نثر اته سوه کاله \_\_\_\_\_ سرمحقق زلمے هیوادمل
2. د پښتو د نثر تحقیقي او تنقیدي جایزه \_\_\_\_\_ بی بی مریم
3. د پښتو ادبی تحریکونه \_\_\_\_\_ ډاکټر راج ولی شاه خټک
4. پښتو زبان و ادب کی تاریخ (ایک خاکه) \_\_\_\_\_ ډاکټر حنیف خلیل
5. دستارنامه \_\_\_\_\_ خوشجال خټک
6. گل دسته \_\_\_\_\_ عبدالقادرخان خټک
7. تاریخ مرصع \_\_\_\_\_ افضل خان خټک
8. د پښتو نثر تاریخ \_\_\_\_\_ افضل رضا
9. د پښتو نثر ورومبی نخبی \_\_\_\_\_ ډاکټر عرفان خټک
10. دستارنامه څپرڼه سمونه \_\_\_\_\_ ډاکټر عبدالحکیم شاه

کورس کوڈ : PASH-422  
دری ساعتونہ

### جدید پشتو شاعری

- د جدیدی شاعری پیژندگلو
- پشتو شاعری او شلمه پیڑی
- پشتو شاعری کښی نوي رجحانات
- د ازادی تحریکونه
- د خدایي خدمتگار تحریک سره ترلی شاعران
- سمندر خان سمندر
- اشرف مفتون
- سید رسول رسا
- فضل حق شیدا

### مجوزہ کتابونہ :

1. جدید پشتو ادب، ایوب صابر
2. پشتو ادب کے جدید رجحانات، عبدالله جان عابد
3. پشتو ادب ماضی و حال، عبدالله جان عابد
4. پشتانہ لیکوال، جلد اول و دویم، ہمیش خلیل
5. دردانی، ڈاکٹر اقبال نسیم خٹک
6. پشتانہ لیکوال \_\_\_\_\_ ہمیش خلیل
7. د ازادی تحریک او پشتو شاعری \_\_\_\_\_ ڈاکٹر یارمحمد مغموم

کورس کوڈ : PASH-423

## جدید پښتو نثر

- د پښتو جدید نثر پېژندگلو
- افسانه (د همېش خلیل چارگل ، د قلندر مومند گجرې ، د زیتون بانو د شوې پاڼه)
- ډرامه (د وینو جام)
- ناول (پېغله)
- تکل (د ډاکټر اسرار د تکل په تکل کېښې نه دوه تکلونه)
- تحقیق (د تحقیق تعریف او پښتو کېښې د تحقیق ارتقاء)
- تنقید (تنقید تعریف او پښتو کېښې د تنقید روایت)
- خاکه (مرکه خاکه نمبر نه دوه خاکې)

## مجوزہ کتابونه :

1. جدید پښتو ادب، ایوب صابر
2. پښتو ادب ماضي و حال، عبدالله جان عابد
3. د پښتو نثر اته سوه کاله \_\_\_\_\_ سرمحقق زلمے  
هېوادمل
4. د پښتو د نثر تحقيقي او تنقيدي جايزه \_\_\_\_\_ بي بي  
مریم
5. ادب څه دے \_\_\_\_\_ سحر يوسفزے
6. خرگنده خزانہ \_\_\_\_\_ محمدساجد شائق
7. پښتو ادب کېښې کردار نگاري \_\_\_\_\_ ډاکټر محمد اعظم  
اعظم
8. د تکل په تکل کېښې \_\_\_\_\_ ډاکټر اسرار
9. چارگل \_\_\_\_\_ همېش خلیل
10. گجرې \_\_\_\_\_ قلندر مومند
11. پېغله \_\_\_\_\_ صاحبزاده ادريس
12. د وینو جام \_\_\_\_\_ اسلم خټک
13. مرکه مردان (خاکه نمبر)

# Course Content of General Courses

**COURSE TITLE:** URDU LANGUAGE, ORIGIN AND EVOLUTION  
**LEVEL:** AD  
**COURSE CODE:**  
**CREDIT HOURS:** 03  
**COURSE TYPE:** GENERAL

Course Contents

1. Language, the difference between language and dialect
2. The family of Sub-continental languages, the family of Urdu language
3. Different names given to Urdu language, and the reason behind these names
4. Theories about the origin of Urdu language (Hafiz Mehmood Sherani, Masood Husain Khan's theories)
5. Muslims' role in the evolution of Urdu language
6. Urdu and Pakistan Movement
7. The relation of Urdu and other Pakistani languages

**Suggested Readings:**

Dr. Wazeer Agha, Criticism and Modern Urdu Criticism

Dr. Anwar Sadeed, Movements in Urdu Literature

Sheikh Muhammad Akram, Mauj-e-Kausar

دا کورس به د پښتو جنرل کورس وي ، که نور  
 ډيپارټمنټ پښتو کورس اچوي نو دغه کورس به  
 وايي

کورس کوډ : PASH-311  
 اېسوي اېټ ډگري

## درې ساعتونه

## د پښتو املا او رسم الخط

- املا ، تعريف او مفهوم
- د رسم الخط تعريف ، مفهوم او د پښتو رسم الخط تاريخ
- د پښتو ژبې لنډ تاريخ
- د پښتو شاعرۍ بېلابېل دورونه
- د پښتو د نثر روايت ته يوه كتنه

مجوزه كتابونه :

1. پښتو ليك دود \_\_\_\_\_ ډاكټر  
راج ولي شاه خټك
2. پښتو ليك دود \_\_\_\_\_ پرېشان  
خټك
3. پښتو زبان و ادب كى مختصر تاريخ  
\_\_\_\_\_ ډاكټر عبدالله جان عابد
4. د پښتو نثر تنقيدي او تحقيقي جايزه  
\_\_\_\_\_ بي بي مريم
5. د پښتو ادبي تحريكونه  
\_\_\_\_\_ ډاكټر راج  
ولي شاه خټك

<b>COURSE TITLE:</b>	<b>INTRODUCTION TO PSYCHOLOGY</b>
<b>LEVEL:</b>	<b>AD</b>
<b>COURSE CODE:</b>	<b>PSY</b>
<b>CREDIT HOURS:</b>	<b>03 HOURS</b>
<b>COURSE TYPE:</b>	<b>GENERAL</b>

**Course Description**

This course provides some basic knowledge of the key terms, facts and principles designed to aid the students in understanding individual behavior. Behavior is analyzed and interpreted

through activities and discussion of such topics as motivation, emotion, perception, learning and intelligence.

### **Course Objectives**

- To describe psychology with major areas in the field,
- To identify the parameters of this discipline. Distinguish between the major perspectives on human thought and behavior. Appreciate the variety of ways psychological data are gathered and evaluated.
- To gain insight into human behavior and into one's own personality or personal relationships. Explore the ways that psychological theories are used to describe, understand, predict, and control or modify behavior.

### **Course Outlines**

#### **1. Introduction to Psychology:**

- a. Nature and Application of Psychology with special reference to Pakistan.
- b. Historical Background and Schools of Psychology (A Brief Survey)

#### **2. Methods of Psychology**

- a. Observation
- b. Case History Method Experimental Method
- c. Survey Method
- d. Interviewing Techniques

#### **3. Biological Basis of Behavior**

- a. Neuron: Structure and Functions
- b. Central Nervous System and Peripheral Nervous System
- c. Endocrine Glands

#### **4. Sensation, Perception and Attention**

- Sensation
  - Characteristics and Major Functions of Different Sensations
  - Vision: Structure and function of the Eye
  - Audition: Structure and functions of the Ear
- Perception
  - Nature of Perception
  - Factors of Perception: Subjective, Objective and Social
  - Kinds of Perception
  - Spatial Perception
  - Temporal Perception; Auditory Perception
- Attention
  - Factors, Subjective and Objective
  - Span of Attention
  - Fluctuation of Attention



- Distraction of Attention (Causes and Control)

### **5. Motives**

- Definition and Nature
- Classification
- Primary (Biogenic) Motives: Hunger, Thirst, Defecation and Urination, Fatigue, Sleep, Pain, Temperature, Regulation, Maternal Behavior, Sex
- Secondary (Sociogenic) Motives: Play and Manipulation, Exploration and Curiosity, Affiliation, Achievement and Power, Competition, Cooperation, Social Approval and Self Actualization.

### **6. Emotions**

- Definition and Nature
- Physiological changes during Emotions (Neural, Cardial, Visceral, Glandular),
- Theories of Emotion
- James Lange Theory; Canon-Brad Theory
- Schechter-Singer Theory

### **7. Learning**

- Definition of Learning
- Types of Learning: Classical Operant Conditioning, Methods of Learning: Trial and Error; Learning by Insight; Observational Learning

### **8. Memory**

- Definition and Nature
- Memory Processes: Retention, Recall and Recognition
- Forgetting: Nature and Causes

### **9. Thinking**

- Definition and Nature
- Tools of Thinking: Imagery, Language, Concepts
- Kinds of Thinking
- Problem Solving, Decision Making, Reasoning

### **Recommended Books**

1. Atkinson R. C., & Smith E. E. (2000). Introduction to psychology (13th ed.). Harcourt Brace College Publishers.
2. Fernald, L. D., & Fernald, P. S. (2005). Introduction to psychology. USA: WMC Brown Publishers.

3. Glassman, W. E. (2000). Approaches to psychology. Open University Press. Hayes, N. (2000). Foundation of psychology (3rd ed.). Thomson Learning. Lahey, B. B. (2004). Psychology: An introduction (8th ed.). McGraw-Hill Companies, Inc.
4. Leahey, T. H. (1992). A history of psychology: Main currents in psychological thought. New Jersey: Prentice-Hall International, Inc.
5. Myers, D. G. (1992). Psychology. (3rd ed.). New York: Wadsworth Publishers.
6. Ormord, J. E. (1995). Educational psychology: Developing learners. Prentice- Hall, Inc.

<b>COURSE TITLE:</b>	<b>FUNDAMENTALS OF ECONOMICS</b>
<b>LEVEL:</b>	<b>AD</b>
<b>COURSE CODE:</b>	<b>ECON</b>
<b>CREDIT HOURS:</b>	<b>03 HOURS</b>
<b>COURSE TYPE:</b>	<b>GENERAL</b>

### **Course Description**

The course is designed for the beginners with either no formal background or very little acquaintance with economics. The objective is to give students a clear understanding of the basic concepts, tools of analysis and terminologies used both in micro and macro-economics. The course will cover the scope and importance of micro and macroeconomics, overview of the social system and economy as integral part of the social system. The course will also deal with the major issues in Pakistan economy.

### **Course Contents**

#### **I. Micro Economics**

Consumer behavior, Determination of market demand and supply

#### **II. Macro Economics**

Basic Economic Concepts, National Income Accounting, Consumption Function, Multiplier, Accelerator, Component of Aggregate Demand, Labor Demand and Supply, Un-Employment, Determination of equilibrium level of income and output (at least with reference to two or three school of thought), Inflation.

#### **III. Money and Banking**

Functions of Money, Quantity Theory of Money, The Fisher and Cambridge Formulations, Systems of note issue, Credit Creation, Functions of Central Banks, Instruments of Credit Control,

#### **IV. Public Financing**

Government expenditure, Sources of Government Revenue, Privatization, Taxes and non taxes, Incidence of different taxes, Public Debt, Objectives, methods of repayment,

#### **V. International Trade**

Theories of comparative advantage and Factor Endowments, Trade & Growth, Colonialism, Imperialism and International Trade, Trade Restrictions, Economic Integration,

#### **VI. Economic Development**

Concepts of development, Human development, Historical growth process and Development, Theories of development,

### **Recommended Books:**

1. Bade, Robin and Parkin, Michael. Foundations of Economics, 5th edn. Boston: Pearson, 2010.
2. McConnel and Brue. Microeconomics, 18th edn. New York: McGraw-Hill, 2009.
3. Parkin, Michael. Macroeconomics, 7th edn. Boston: Pearson, 2005.
4. Varian Hall R. Intermediate Microeconomics: Modern Approach, 6th edn. New York: Norton, 2002.
5. Zaidi, Akbar. Issues in Pakistan Economy. Karachi: OUP, 1999.

<b>COURSE TITLE:</b>	<b>INTRODUCTION TO POLITICAL SCIENCE</b>
<b>LEVEL:</b>	<b>AD</b>
<b>COURSE CODE:</b>	<b>POL</b>
<b>CREDIT HOURS:</b>	<b>03 HOURS</b>
<b>COURSE TYPE:</b>	<b>GENERAL</b>

### **Course Objective**

To give knowledge about the Political principles and its implication to the Modern Society and the subject also provides knowledge about the theoretical concepts involved in common political phenomenon.

**Course Contents:****Introduction:**

- Meaning and Definition of Political Science.
- Subject matter of Political Science.
- Scope and Importance of Political Science.
- Relationship of Political Science with other Social Science.
- Methods and approaches of Political Science.
- Use of Political Science knowledge to the Contemporary Societies.

**State:**

- Meaning and Definition of state.
- Forms of State
- Elements of State.
- Differentiation between State, Association, Nation, Government and Society.
- Introduction, Definitions, and Sources of Law.
- Introduction, Definition, Characteristics, and Forms of Governments.

**Legislations/Legislature:**

- Introduction, meaning and Definitions of Legislations/Legislature.
- Functions and kinds of Legislations/Legislature.
- Introduction, Definitions, Merits, Demerits, and Kinds of Referendum.

**Political Parties:**

- Introduction, meaning and Definitions of Political Parties.
- Importance of Political Parties.
- Functions of Political Parties.
- Merits and Demerits of Political Parties.
- Kinds of Political Parties.

**UNO:**

- Aims of UNO
- Organs of UNO
- Principles of UNO
- Functions of UNO.

### **Constitutional Development of Pakistan.**

- 1956
- 1962
- 1973

### **Recommended Books:**

1. Agarwal, R.C. (2006). Political theory: Principles of political science. New Delhi: S. Chand & Co
2. Birkland, Thomas A.(2007). Lessons of Disaster: Policy Change After Catastrophic Events. Washington, DC: Georgetown University Press.
3. Haq, Mazhar. (1996). Theory and practice in political science. Lahore: Book Land.
4. Roskin, Michael. G. (1997). Political science: an introduction. London: Prentice Hall.
5. SA.Syed .(2007). Political Science: Part-1. Nowshera: Classic Publishers Nowshera.

<b>COURSE TITLE:</b>	<b>BASICS OF MATHEMATICS</b>
<b>LEVEL:</b>	<b>AD</b>
<b>COURSE CODE:</b>	<b>MATH</b>
<b>CREDIT HOURS:</b>	<b>03</b>
<b>COURSE TYPE:</b>	<b>GENERAL</b>

### **Course Objectives:**

After completion of this course the student should be able to:

1. Understand the use of the essential tools of basic mathematics;
2. Apply the concepts and the techniques in their respective disciplines;
3. Model the effects non-isothermal problems through different domains;

**Course Contents:****Preliminaries:**

- Real and complex numbers,
- Introduction to sets,
- Set operations,
- Functions,
- Types of functions.

**Matrices:**

- Introduction to matrices,
- types of matrices,
- inverse of matrices,
- determinants,
- system of linear equations,
- Cramer's rule.

**Quadratic equations:**

- Solution of quadratic equations,
- nature of roots of quadratic equations,
- Equations reducible to quadratic equations.

**Sequence and Series:**

- Arithmetic,
- Geometric and harmonic progressions.

**Permutation and combinations:**

- Introduction to permutation and combinations,

**Binomial Theorem:**

- Introduction to binomial theorem.

**Trigonometry:**

- Fundamentals of trigonometry,
- Trigonometric identities.

**Graphs:**

- Graph of straight line,
- Circle and trigonometric functions.

**Recommended Books:**

- Kaufmann, J. E. (Latest Edition). College Algebra and Trigonometry. Boston: PWS-Kent Company.
- Swokowski, E. W. (Latest Edition). Fundamentals of Algebra and Trigonometry.
- Walpole, R. E. (Latest Edition). Introduction of Statistics. Prentice Hall.

<b>COURSE TITLE:</b>	<b>STATISTICS</b>
<b>LEVEL:</b>	<b>AD</b>
<b>COURSE CODE:</b>	<b>STAT</b>
<b>CREDIT HOURS:</b>	<b>03 HOURS</b>
<b>COURSE TYPE:</b>	<b>GENERAL</b>

**Course Objectives:**

To help the students to get knowledge about various statistical concepts and techniques used in geology.

**Course Contents:**

Descriptive statistics and the meaning of statistics. The role of statistics in daily life, Limitations and characteristics of statistics Grouped and ungrouped data, Classification and Tabulation, Frequency distribution, Relative and cumulative frequency distribution, Histogram, Frequency polygon and frequency curve, Cumulative frequency polygon and cumulative frequency curve, Measures of central tendency(A.M., G.M.H., Median, Mode, Percentile measures of dispersion, range, quartile deviation, mean deviation, standard deviation, coefficient of deviation), Statistical sampling study, Sample and population, Need of samples, Designing and conducting the sampling study, Probability and Non-Probability sampling, Sampling Error and Non-sampling Error, Types on Non- Probability sampling, Simple random sampling, Simple stratified and Systematic sampling (theoretical approach only)

**Books Recommended:**

1. Basic Concepts of Mathematics, by Elias Zakon, ISBN 1-931705-00-3, published by The Trillia Group, 2001.
2. New Mathematics and Applied Mathematics Books July - August 2000 HG6024.A3.W554 1995 - Wilmott, Paul. Mathematics of financial derivatives: a student introduction. Cambridge University Press, Oxford; New York S-BKS. Elementary Statistics, Ninth Edition by Mario.F 1995.
3. Mathematics by S. M. Yousaf.
4. Statistics by Bhattey

<b>COURSE TITLE:</b>	<b>PRINCIPLES OF SOCIOLOY</b>
<b>LEVEL:</b>	<b>AD</b>
<b>COURSE CODE:</b>	<b>SOC</b>
<b>CREDIT HOURS:</b>	<b>03</b>
<b>COURSE TYPE:</b>	<b>GENERAL</b>



**Course Objectives:**

The course is designed to introduce the students with sociological concepts and the discipline. The focus of the course shall be on major concepts like social systems and structures, socio-economic changes and social processes. The course will provide due foundation for further studies in the field of sociology.

**Course Contents:****Introduction**

- Definition, History, Scope, Nature, and Subject Matter of Sociology
- Sociology as Science.
- Relationship of Sociology with other Social Sciences
- Sociological perspectives in Sociology.
- Role of Sociologists.

**Group, Community and Society**

- Definition, elements, characteristics of community and society.
- Difference between society and community.
- Various types of societies.
- Difference between rural and urban community.
- Definition and types of social group.

**Role and Status**

- Definition and types of role.
- Definition and types of status.
- Socialization through role and status
- Social roles and personality development.

**Culture**

- Definition, aspects, characteristics, elements, and types of Culture
- Norms, values and social sanctions
- Cultural Universality, Variability, Relativism, Ethnocentrism and Xenocentrism
- Cultural Lag
- Sub and counter Culture

**Socialization & Personality Development**

- Meaning, definition and Agencies of Socialization.
- Meaning and definition of self.
- Meaning and definition of Personality
- Responsible Factors in Personality Formation.
- Theories of socialization, self and personality development.

**Social Processes**

- Social interaction and forms of social interaction
- Cooperation
- Competition
- Conflict

- Assimilation and acculturation
- Accommodation

### **Social Stratification and Mobility**

- Introduction, Definitions, Determinants and types of social stratification.
- Difference between caste and class.
- Theories of social stratification.
- Introduction, meaning and definition of social mobility.
- Dynamics and types of social mobility
- Difference between mobility and migration
- Advantages and disadvantages of social mobility.

### **Collective Behaviors and Social Movements**

- Meaning, definitions, types and nature of collective behaviors.
- Meaning, definitions, types and theories of Crowd.
- Meaning, definitions, kinds, theories, and life cycle of social movements

### **Recommended Books:**

1. Ballantine, Jeanne H. and Roberts, Keith A. (Condensed Version) 2010. *Our Social World*. California: Pine Forge Press/Sage Publication.
2. Brown, Ken 2004. *Sociology*. United Kingdom: Polity Press
3. Brym, Robert J. and Lie, John. *Sociology: Your compass for a new world* (Brief Edition) 2007 Belmont: Thomson Wadsworth.
4. Colander, David C. and Hunt, Elgin F. (Thirteenth Edition) (2010) *Social Sciences: An introduction to the study of Society*. India: Pearson Education/Dorling Dindersley.
5. Gidden, Anthony 2002. *Introduction to Sociology*. UK: Polity Press.
6. Rao, C. N. Shankar (2008) 'Sociology: Principles of Sociology with an Introduction to Social Thoughts' New Delhi: S. Chand & Company.
7. James M. Henslin. (2004). *Sociology: A Down to Earth Approach*. Toronto: Allen and Bacon.

<b>COURSE TITLE:</b>	<b>LAW</b>
<b>LEVEL:</b>	<b>AD</b>
<b>COURSE CODE:</b>	<b>POL</b>
<b>CREDIT HOURS:</b>	<b>03</b>
<b>COURSE TYPE:</b>	<b>GENERAL</b>

**COURSE DESCRIPTIONS:**

This will be an introductory course for newly admitted students about the nature and sources of law, both western and Islamic. It will cover definitions, function and purposes of law, territorial nature of law, legal concepts of rights, property, person etc.

**COURSE CONTENTS:****Nature of jurisprudence:**

Definitions,

Jurisprudence a study and analysis of Legal concepts,

Value and scope,

Relation with the other social sciences.

**Kinds and schools of Jurisprudence:**

Historical, Natural, Analytical, Other schools,

General and particular Jurisprudence

**Law in General:**

Definitions of various Jurists.

Authority of Law,

Function and purpose of law,

Law and positive morality,

Kinds of Law

**Recommended Books**

1. An Introduction to the Study of Islamic Law Dr. Hussain Hamid Hassan
2. Principles of Islamic Jurisprudence Mohammad Hashim Kamali
3. Theories of Islamic Law Prof. Imran Ahsan Nyazee
4. Islamic Law of Contracts and Business Transactions Tahir Mansuri
5. Family Law in Islam Dr. Mohammad Tahir Mansuri
6. Outlines of Islamic Jurisprudence Prof. Imran Ahsan Nyazee
7. General Principles of Criminal Law Prof. Imran Ahsan Nyazee

8. State and Legislation in Islam Dr. Mahmood Ahmad Gazi
9. Mahomedan Jurisprudence Abdur Rahim
10. Islamic Law of Inheritance Hamid Khan, Advocate
11. Munir” Principles of Muhammadan Law Munir Ahmad Siddiqui

**COURSE TITLE:** ISLAMIC HISTORY & CULTURE  
**LEVEL:** AD  
**COURSE CODE:**  
**CREDIT HOURS:** 03  
**COURSE TYPE:** GENERAL

**Course Description:**

This is a general introductory course about Islamic history and culture. It will necessarily entail frequent references to the rise of Islamic civilization, since the time of the Holy Prophet (PBUH) to the fall of Mughal Empire in the Subcontinent and the Ottoman Empire. Special emphasis may be given to Muslim contributions in the development of arts, crafts, sciences, medicine and particularly to the translations of Greco-Roman works of philosophy and literature; and how they contributed to the beginning of European Renaissance.

**Course Objectives:**

The course will focus on three aspects: the formative period of Islam; its medieval achievements; and its modern situation. Upon completion, students should be able to develop their own understanding of the Islamic history, culture and religion.

**Course Contents:**

- Introduction to History and the philosophy of history; why study history
- Pre- Islamic period. Religious, political and social systems before Islam.
- The Coming of Islam. Period of the Prophet (PBUH).
- Life at Makkah.
- The Prophet (PBUH) at Madina.
- The Caliphate and the Four Rightly-guided Caliphs.
- The Umayyad Caliphate
- The Abbasid Period.
- Umayyad Dynasty in Spain
- Islam and Muslims in India
- Definition of Culture in Islam.
- Foundations of Islamic culture.
- Islamic art, civilization and culture.
- Science, technology, philosophy and administration.

**Recommended Books**

- Abdul Hakim Khalifa. Islamic Ideology
- Farid Esack, On Being a Muslim: Finding a Religious Path in the World Today
- Hitti, Philip K. The History of the Arabs
- Maududi. Syed Abul Ala. Why Islam?

- Mazhar-ul-Haq. History of Islam
- Nadvi. Abul Hassan. Pillars of Islam.
- Nadvi. Moeen Ud Din. Tareekh-e-Islam