CURRICULUM
OF
INTERNATIONAL RELATIONS
FOR
BS/MS

(Revised 2013)

HIGHER EDUCATION COMMISSION
ISLAMABAD
CURRICULUM DIVISION, HEC

Dr. Mukhtar Ahmed  Executive Director
Mr. Fida Hussain  Director General (Acad)
Mr. Rizwan Shoukat  Deputy Director (Curr)
Mr. Abid Wahab  Assistant Director (Curr)
Mr. Riaz-ul-Haque  Assistant Director (Curr)

Composed by Mr. Zulfiqar Ali
HEC Islamabad
CONTENTS

1. Introduction 6
2. Objectives 8
3. Layout for BS (4-Year) in International Relations 10
4. Scheme of Studies for BS (4-Year) in International Relations 12
5. List of Elective Courses 14
6. Detail of Courses 16
7. Curriculum of MS/MPhil Courses 46
8. Scheme of Studies for MS (2 Year) in International Relations 47
9. Detail of MS/MPhil Courses 48
10. Detail of Compulsory Courses. 54
11. Recommendations 73
The curriculum, with varying definitions, is said to be a plan of the teaching-learning process that students of an academic programme are required to undergo. It includes objectives & learning outcomes, course contents, scheme of studies, teaching methodologies and methods of assessment of learning. Since knowledge in all disciplines and fields is expanding at a fast pace and new disciplines are also emerging; it is imperative that curricula be developed and revised accordingly.

University Grants Commission (UGC) was designated as the competent authority to develop, review and revise curricula beyond Class-XII vide Section 3, Sub-Section 2 (ii), Act of Parliament No. X of 1976 titled “Supervision of Curricula and Textbooks and Maintenance of Standard of Education”. With the repeal of UGC Act, the same function was assigned to the Higher Education Commission (HEC) under its Ordinance of 2002, Section 10, Sub-Section 1 (v).

In compliance with the above provisions, the Curriculum Division of HEC undertakes the revision of curricula after every three years through respective National Curriculum Revision Committees (NCRCs) which consist of eminent professors and researchers of relevant fields from public and private sector universities, R&D organizations, councils, industry and civil society by seeking nominations from their organizations.

In order to impart quality education which is at par with international standards, HEC NCRCs have developed unified templates as guidelines for the development and revision of curricula in the disciplines of Basic Sciences, Applied Sciences, Social Sciences, Agriculture and Engineering in 2007 and 2009.

It is hoped that this curriculum document, prepared by the respective NCRC’s, would serve the purpose of meeting our national, social and economic needs, and it would also provide the level of competency specified in Pakistan Qualification Framework to make it compatible with international educational standards. The curriculum is also placed on the website of HEC (www.hec.gov.pk).

(Fida Hussain)
Director General (Academics)
CURRICULUM DEVELOPMENT PROCESS

STAGE-I

- CURRI. UNDER CONSIDERATION
  - COLLECTION OF REC
    - CONS. OF CRC.
  - PREP. OF DRAFT BY CRC

STAGE-II

- CURRI. IN DRAFT STAGE
  - APPRAISAL OF 1ST DRAFT BY EXP. OF COL./UNIV
  - APPROVAL OF CURRI. BY V.C.C.

STAGE-III

- FINAL STAGE
  - PREP. OF FINAL CURRI.
  - PRINTING OF CURRI.

STAGE-IV

- FOLLOW UP STUDY
  - QUESTIONNAIRE
  - COMMENTS
  - INCORPORATION OF REC. OF V.C.C.
  - REVIEW
  - IMPLE. OF CURRI.
  - BACK TO STAGE-I

Abbreviations Used:
CRC. Curriculum Revision Committee
VCC. Vice Chancellor’s Committee
EXP. Experts
COL. Colleges
UNI. Universities
PREP. Preparation
REC. Recommendations

ORIENTATION COURSES
Introduction:

MINUTES OF THE FINAL MEETING OF HEC NATIONAL CURRICULUM 
REVISION COMMITTEE OF INTERNATIONAL RELATIONS FROM 
FEBRUARY 19-21, 2013

Final meeting of the National Curriculum Revision Committee of International Relations held in the Regional Office of Higher Education Peshawar on 19-21 Feb 2013. The meeting was inaugurated by Zaheer Ahmad Awan the Regional Director of HEC Peshawar. It was presided over by the Convener Prof. Dr. Ishtiaq Ahmad Choudhry. Mr. Tauqeer Hussain Sargana performed as Secretary of the Committee.

The Meeting was attended by the followings:

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<th>Position</th>
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<td>1.</td>
<td>Prof. Dr. Ishtiaq Ahmad Chaudhary, Peace &amp; Conflict Studies National Defence University, Islamabad</td>
<td>Convener</td>
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<td>2.</td>
<td>Mr. Tauqeer Hussain, Assistant Professor, Department of Humanities and Social Sciences, Bahria University, E-8, Islamabad.</td>
<td>Secretary</td>
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<td>3.</td>
<td>Prof. Dr. Zulfiqar Ali Qureshi, Head of Department, Department of International Relations and Conflict &amp; Peace Studies, National University of Modern Languages, Islamabad.</td>
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<td>4.</td>
<td>Dr. Abdul Majeed Chandio, Professor/Chairman, Department of International Relations, Shah Abdul Latif University, Khairpur.</td>
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<td>5.</td>
<td>Dr. Azra Sarwar Kandhar, Professor, Department of International Relations, University of Sindh, Jamshoro.</td>
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The Committee in its first session finalized the structure of the scheme of BS International Relations (4 years programme). Semester wise breakup and the allocation of the courses were made.

The observations and comments of the participants on the preliminary agenda were discussed. The participants also give intake in the line of their discussions with their colleagues in their respective departments. The contents of all the courses were discussed and revised accordingly wherever needed. The revision of the preliminary agenda continued on the next day (20th Feb 2013).

The structure of the scheme of MS/MPhil was discussed on the 21st Feb 2013. Semester wise allocation of the courses was made. The Committee discussed the contents of the MS/MPhil courses one by one and finalized them. The meeting ended with the vote of thanks by the Regional Director.

Objectives:

Main purpose of the programme of BS 4-Year in International Relations is to prepare graduates having a deep knowledge of the subject as well as ability to analyze any given situation and draw out conclusions. The syllable of the subject is designed by keeping in view the following objectives.

1. The graduates passed under this program should have a sound knowledge of the subject. For this purpose an intensive and extensive programme spread over 4-Year BS in International Relation is designed.

2. Along with the knowledge of the subject they should also have a broader view of other disciplines of social as well as physical sciences. It will enable the students to interact with other branches of knowledge and strengthen their understanding of the society.

3. The graduates are to be equipped with essential tools and techniques of research. It will enable them to analyze any given situation/issue and suggest its possible solutions.

4. The graduates are to be empowered to establish and develop a viable and forceful link between theory/concepts and practice in the field for its proper implementation and utilization by the students, scholars, policy-makers and planners.
Teaching Techniques / Guidelines

The following techniques shall be used/applied during the study of the subject of International Relations at the BS level.

1. Before commencement of a course the teacher concerned shall give a detailed teaching scheme to the students. It shall comprise of the topics to be taught on weekly basis with the relevant sources of the reading materials.

2. Within four weeks after commencement of a semester, the teacher concerned shall assign the topic of the term papers / assignments to the students either individually or in groups. These term papers and assignments must be completed and submitted by the students at least four weeks before final exam. In this regard the students shall be properly guided by the concerned teacher.

3. Presentations should be made essential for all the students in the class for each course.

4. National and international simulations should be organized by the Departments concerned according to the available facilities and resources.

5. Students should also be provided the opportunities to visit various organizations and institutions involved in foreign policy making process / international relations such as Foreign Office, Parliament, UN missions, various research organizations. This will help establish a link between theory and practice of International Relations by the interaction of students with the practitioners.

6. Regular seminars, workshops and conferences should be held in the departments concerned on weekly / fortnightly / monthly basis.
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<td>12. Research Methodology-I</td>
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<td>9. International Relations in the New Millennium</td>
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<tr>
<td>COMPARATIVE FOREIGN POLICY OF MAJOR POWERS: US, RUSSIA, CHINA (M-VIII)</td>
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<tr>
<td>INTERNATIONAL RELATIONS IN THE NEW MILLENNIUM (M-IX)</td>
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<tr>
<td>ELECTIVE-I (COMPARATIVE POLITICAL SYSTEMS OF UK, US, RUSSIA, AND CHINA (ANY TWO))</td>
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<td>ELECTIVE-II</td>
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<td>RESEARCH THESIS (M-XIV)</td>
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<td>POLITICS OF PAKISTAN (M-XIII)</td>
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<tr>
<td>RESEARCH THESIS (M-XIV)</td>
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<tr>
<td>INTERNATIONAL POLITICS OF ENVIRONMENT (M-IX)</td>
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<tr>
<td>ARMS CONTROL AND DISARMAMENT (M-XI)</td>
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<td>ELECTIVE-III</td>
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<td>ELECTIVE-V</td>
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<td><strong>GRAND TOTAL</strong></td>
<td><strong>130</strong></td>
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LIST OF ELECTIVE COURSES:

Following is the list of elective/optional courses to be offered by the concerned department/institutions. The contents of the course(s) as well as the core and the suggested books will be pointed out by the faculty at the time, a course is offered.

A. Issues
   1. Research Report (Not permissible for those who will opt for Thesis)
   2. Major Issues in International Relations
   3. Comparative Political Systems of UK, US, Russia, and China (Any two)
   4. Foreign and Security Policies of European Union
   5. Emerging Regional and World Orders
   6. Research Methodology-II
   7. Modernization and Democratization in the Muslim World
   8. Nuclear Non-proliferation
   9. Pakistan Defence and Security Policy
   10. Nuclearization of South Asia
   11. Kinetic and Non-Kinetic Warfare
   12. Politics of Indian Ocean
   13. Use of Force in International Law
   14. Foreign Policy of India
   15. Contemporary Political Ideologies
   16. International Migration and Politics
   17. Terrorism and Counter-terrorism
   18. International Relations in Islam
   19. Non-state Actors in International Relations
   20. Media and International Relations
   21. Gender and International Relations
   22. International Humanitarian Law
   23. United Nations: Reforms and Restructuring
   24. OIC: Reforms and Restructuring
   25. Enlightened Moderation and the Muslim World
   26. Cyber Wars
   27. MNCs and NGOs in International Relations
   28. National Liberation Movements and Decolonization
   29. Ethnic Conflicts in Global Perspective
   30. Religion, Ideology and International Relations
   31. Science, Technology and International Relations
   32. Ethics and Morality in International Relations
   33. Power Politics and Beyond
   34. International Economic Groups
B. Area Studies
1. South Asia
2. South East Asia
3. Asia-Pacific
4. East Asia
5. Central Asia and Caucasus
6. Western Europe
7. Eastern Europe
8. North Europe: Scandinavian-Nordic Countries
9. Latin-Central America
10. South America
11. North America
12. Russian Federation and Eurasia
13. Middle East and North Africa (MENA)
14. Southern Africa
15. Central Africa

LIST OF NON-IR OPTIONAL/GENERAL COURSES (3 Cr. Hrs)

Following is the list of elective/optional courses to be offered by the concerned department/institutions. The contents of the course(s) as well as the core and the suggested books will be pointed out by the faculty at the time, a course is offered.

1. Introduction to History
2. Introduction to Philosophy
3. Political Thought
4. Introduction to Law
5. Introduction to Geography
6. Introduction to Economics
7. Introduction to Sociology
8. Introduction to Education
9. Introduction to Social Work
10. Introduction to Psychology
11. Introduction to Public Administration
12. Introduction to Economy of Pakistan
13. Introduction to Anthropology
15. Political History of Pakistan: 1947 to present
16. Constitutional Development in Pakistan
17. Introduction to Gender Studies
18. History of Islam (Holy Prophet to Pious Caliphatess)
19. Logic and Reasoning
20. Introduction to Everyday Science
21. Introduction to Nuclear Physics
DETAIL OF COURSES

Following are the course contents and the list of core and suggested readings of the 4-Year BS Programme spread over 08 semesters:

| Semester– I | Introduction to International Relations | 03 Cr. Hrs. |

Objectives:

The objective of this course is to highlight the significance and introduce the fundamentals of International Relations to the students.

Contents:

1. Meaning, Definition, Nature, and Scope of International Relations
2. Evolution and Development of International Relations
3. Significance of International Relations
4. Concept of Nation State
5. International System and Sub-Systems
6. Foreign Policy, National Interest, and Diplomacy
7. Power and Balance of Power
8. Regionalism and Globalization
9. State and Non-state Actors
10. Human Rights in International Relations
11. Religion, Ethics, Morality and Justice in International Relations
12. The Role of Economics in International Relations
13. The Concept of War and Peace in International Relations

Core Books:


Recommended Books:

Semester I | Introduction to Political Science | 03 Cr. Hrs.

Objectives:

The objective of this course is to introduce the students with the fundamentals of the subject of Political Science and prepare them for advanced studies in the forthcoming semesters. The very basic concepts and terminology commonly used in the further courses of studies are taught to make the students friendly with the subject.

Contents:

2. Relationship of Political Science with other social sciences, specifically International Relations, Diplomacy, Strategic Studies etc.
3. Basic concepts of Political Science such as law and constitution, power and authority, legitimacy, nation and nationalities etc.
4. State: its origin and evolution; Western and Islamic concepts of State; Forms of State: Unitary, Federation, Confederation.

Core Books:


Recommended Books:


<table>
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<tr>
<th>Semester–II</th>
<th>Approaches and Theories of International Relations</th>
<th>03 Cr. Hrs.</th>
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</table>

**Objectives:**

The objective of this course is to understand and differentiate between the main approaches in international relations as well as to apply them for developing the related theories and sub-theories. The major purposes of this course are to provide the students with the opportunity to explore international relations in a variety of ways, and to familiarize them with the major theoretical traditions, which explain the world politics. It would enable the students to grasp the main themes of the theories that have been most influential over the past two centuries. It would also explain the recent theoretical work in world politics by providing an up-to-date survey of the foundational and anti-foundational theoretical literature. Thus the learners will be able to understand the main themes of the various theories and be able to assess their comparative strengths and weaknesses.

**Contents:**

1. Normative Approaches
   a. Evolutionary world politics
   b. Legal / institutionalist
   c. Cosmopolitanism
   d. Constructivism
   e. Feminism
   f. Critical social approach
   g. Imperialist approach

2. Empirical Approaches
   a. Functionalism
   b. Behaviouralism
   c. Structuralism
   d. Positivism
   e. Rationalism
   f. Modernity and Post Modernity

3. Introduction to Theories, Paradigms, Concepts in International Relations
4. Foundational Theories:
   - Realism
     a. Timeless wisdom of Realism
     b. Essentials of Realism: State, survival and self help
     c. Kinds of Realism: Structural Realism, Historical and Practical
        Realism, Liberal Realism
     d. Neo-Realism
   - Liberalism
     a. Liberal Debate
     b. Varieties of Liberalism: Idealism, Liberal Institutionalism and
        Liberal Internationalism
     c. Crisis of Liberalism
   - Marxist Theories
     a. Essential Elements of Marxist Theories
     b. World System Theory
     c. Dependensia
     d. Gramscianism
     e. Critical theory
     f. Neo-Marxism
   - Feminist Theory
     a. Liberal feminism
     b. Marxist / Socialist feminism
     c. Post-modern feminism
     d. Stand-point feminism
   - Post-Modernism
     a. Double-reading
     b. Deconstructionism
   - Historical Sociology
   - Social Constructivism

Core Books:
1. Griffiths, Martin Fifty Key Thinkers in International Relations, London: Routledge 1999
3. Scott Burchill, Theories of International Relations, NY: Palgrave, 2005
4. Malhotra Vinay Kumar and Alexander A. Sergonin, Theories and Approaches to International Relations, New Delhi Anmol Publications Pvt. Ltd. 2001
Recommended Books:

<table>
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<tr>
<th>Semester- III</th>
<th>Globalization and International Relations</th>
<th>Cr. Hrs.3</th>
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Objectives:
This course focuses on the increasing importance, dimensions and impacts of globalization in international relations.

Contents:
2. Globalization in the historical perspective
3. Dimensions and impact of globalization:
   a. Political
   b. Economic
   c. Cultural
   d. Psychological
   e. Technological
4. Regionalism and globalization
5. Globalization and the developing countries
6. Globalization and the developed countries
7. Collective Security and globalization
8. Globalization: Challenges and prospects
9. Globalization and Muslim World
10. Future of globalized world

**Core Books:**

**Recommended Books:**

| Semester- IV | International Relations: 1648–1945 | 03 Cr. Hrs. |

**Objectives:**
This course deals with the origin and evolution of International Relations in the modern state system from the treaty of Westphalia to the end of the Second World War and the emergence of the UN.

**Contents:**
1. European Politics:
   a. Religious and political factors
b. Renaissance and reformation
   c. Treaty of Westphalia 1648
2. Industrial Revolution
3. French Revolution of 1789
4. Congress of Vienna 1815
5. Balance of Power in Europe
6. World War I: Causes and consequences
8. Emergence of the League of Nations: Causes and consequences
9. The Great Economic Depression
10. Fascism in Italy and Nazism in Germany
11. World War II: Causes and consequences
12. Emergence of the United Nations: Causes and consequences

Core Books:

Recommended Books:
Objective:

The main objective of the course is to develop an understanding for the students about those dimensions of International Relations which are influenced by prominent geographical factors and features of the world.

Contents:
1. Political Geography:
   a. Traditional boundaries
   b. Modern boundaries
   c. Problems of boundaries

2. Geography of Imperialism
   a. The revolutionary heritage
   b. Formal Imperialism: the creation of empires
   c. Informal Imperialism: dominance without empires

3. Human Topography
   a. Politics of identity
   b. Politics of ethnicity
   c. Modernity and digital divide

4. Geography of Resources
   a. Water resources
   b. Oil and gas
   c. Food resources

5. Geo Politics
   a. Core and periphery
   b. Choke points
   c. Buffer zones

6. Power Analysis and Political Geography
   a. Traditional empires
   b. Colonial empires
   c. Offshore empire

7. Geo-Economics
   a. Theories of geo-economics
   b. Economics and politics
   c. Common economic spaces
Core Books:

Recommended Books:

<table>
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<tr>
<th>Semester-V</th>
<th>International Relations: 1945 to 2000</th>
<th>03 Cr. Hrs</th>
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</table>

Objectives:

The objective of this course is to acquaint the students with evolution of the world politics since the end of the 2nd World War and historical background of the existing power politics at international level. To understand the present international scenario, it is essential first to know its historical roots.

Contents:

1. East - West Relations:
   a. Impact of World War II on global politics
   b. Emergence of Cold War, Bipolarity, and containment
   c. Third World Developments-South Asia, Middle East, Afghanistan
   d. Decolonization
   e. Emergence of Non-aligned Movement
   f. Sino-Soviet split and Sino-American rapprochement
   g. Détente: East-West Cooperation and Peaceful Co-existence
   h. Disintegration of the Soviet Union: Causes and consequences
2. Post-Cold War Era/New World Order:
   a. United Nations in the post Cold War Era
   b. Russia in the Post-Soviet setting
   c. Changing role of NATO
   d. Emerging Regionalism and Economic Organizations

3. New Poles of International Power and Influence:
   a. Rise of China as a Major Power
   b. Emergence of Japan and Germany as Economic Powers
   c. Unification of the Germany
   d. Rise of the Asia-Pacific region

Core Books:

Recommended Books:

<table>
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<tr>
<th>Semester- V</th>
<th>Public International Law – I</th>
<th>03 Cr. Hrs.</th>
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</table>

Objectives:
Objectives of this course are to generate awareness among the students regarding the nature, evolution, development and application of International Law, upon the members of international community such as states, international institutions and individuals. This course also addresses the issue of practicability of International Law.
Contents:
1. Definition, Nature, and Scope of International Law; Binding Nature of International Law;
2. Origin and development of International Law; theories of International Law; relationship between municipal and International Law;
3. Sources of International Law
4. Subjects of International Law: States, international organizations, individual and non-State entities
5. Recognition of State and government, Dejure and Defacto Recognition, legal effects of Recognition, Recognition of insurgency and belligerency and its impacts.
6. State Succession and its effects
7. State Sovereignty: Acquisition of territorial sovereignty
8. Law of extradition and asylum

Core Books:

Recommended Books:
Objectives:

The course is designed to critically evaluate the emerging role of international and regional organizations, United Nations system and the question of its restructuring as a considerable issue in the 21st century. Globalization and regionalism is leading to establishment of more new organizations in the present scenario.

Contents:

1. Origin and Development of International Organizations
   a. Definitions and Historical Perspective
   b. League of Nations
   c. Multilateralism in the 20th Century: Challenges of Global Governance
   d. Types of International Organizations

2. The United Nations System

3. Regional Organizations
   a. European Union (EU)
   b. Association of South East Asian Nations (ASEAN)
   c. ASEAN Regional Forum
   d. Organization of Islamic Cooperation (OIC)
   e. SAARC
   f. ECO
   g. SCO
   h. APEC

Note: The teacher concerned can chose from the above list of regional organization from a to h and can also add if feels necessary.

Core Books:


Suggested Readings:

Objectives:

The course is designed to develop conceptual and analytical skills among the students to understand the objectives, determinants and importance of foreign policy. It also covers the patterns and approaches to the formulation of foreign policy, and actors playing role in this regard. Foreign policy making process of certain countries is included in this course as models.

Contents:
1. Importance of foreign policy in international relations.
2. Principles and objectives of foreign policy.
3. Determinants of foreign policy.
4. Foreign policy making/formulation
   a. Approaches to the study of foreign policy-formulation
   b. Internal and external inputs/pressures and limitations in the formulation of foreign policy
5. Foreign policy-making Process:
   a. Leaders, Institutions and Process
   b. Foreign Policy, Media, Public Opinion and Domestic Politics
   c. Foreign Policy; National and Transnational Actors
6. Various strategies for the achievement of the aims and objectives of Foreign Policy; foreign policy implementation-opportunities and obstacles
7. Foreign policy-formulation and the political systems
8. Foreign policy-formulation in USA and China

Core Books:

Recommended Books:

| Semester- V | International Political Economy | 03 Cr. hrs. |

**Objectives:**

The course is designed to provide students with an introduction to some of the mainstream, as well as critical approaches to the study of international political economy (IPE), comparative political economy and the emerging literature on globalization.

**Contents:**

1. Introduction
   a. Definition
   b. Evolution
   c. Scope

2. Theories of International Political Economy
   a. Economic Internationalism/Liberalism
   b. Economic Nationalism/Mercantilism
   c. Marxism/Structuralism/Dependency Theories

3. Politics of International Trade: Multilateral Trade System
   a. Nature
   b. Evolution
   c. Role and Impact of Trade Institutions: GATT & WTO

4. Politics of International Finance: Monetary System
   a. Nature
   b. Evolution
   c. Role and Impact of Financial Institutions: WB & IMF

5. International Investment: Role of Multinational Corporations
   a. Nature
   b. Evolution
   c. Influence of MNC’s in IR

6. Issues of development
   a. North-South Dialogue
   b. South-South Dialogue
   c. Foreign Aid: Advantages and Disadvantages
7. Recent developments in IPE
   a. Economic Integration
   b. Revival of Economic Nationalism
   c. Neo-Imperialism,
   d. Globalization

Core Books:

Suggested Readings:

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<th>Semester- VI</th>
<th>Research Methodology-I</th>
<th>03 Cr. hrs.</th>
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Objectives:

The purpose of this course is to introduce the students with the practice of research in social sciences, especially in the field of international relations. It is about three main phases: the planning, the execution and the reporting in which the course has been devised. It explores the issues and processes to facilitate the preparation of research projects.

Contents:

1. Introduction to Research
   a. Definition, nature and scope of the subject
   b. Epistemology
   c. Ethics of Social Research

2. Approaches of Research
   a. Qualitative
   b. Quantitative
3. Types of Research
   a. Basic/ Applied Research
   b. Comparative and Analytical
   c. Historical
   d. Exploratory
   e. Explanatory
   f. Descriptive

4. Theory Building: Concepts and Hypotheses
   a. The logic of Theory Building and Testing
   b. Significance and Formulation of Hypotheses
   c. The Operationalization of theory
   d. The Selection of appropriate research technique

5. Literature Review

6. Design of Study
   a. Identification of Problem
   b. Sampling
   c. Development of Instrument
   d. Data Collection
   e. Data Analysis

7. Report/Thesis Writing

**Core Books:**

**Suggested Readings:**
Objectives:

This course is the continuation of the International Law-I. Its purpose is to give an understanding to the students regarding the legal framework for mutual interaction of the states, both in times of peace and war. It also covers the legal issues of individuals such as nationality, asylum, extradition etc.

Contents:

2. Law of Treaties: Kinds nomenclature formation, invalidation and termination of treaties.
3. International Disputes: Peaceful and coercive means of settlement of international disputes.
4. Role of UN in solving international disputes and maintenance of international peace and good order.
5. Laws of War and Armed Conflicts; Difference between combatants and non-combatants, lawful and unlawful combatants; rights of prisoners of war; war and human rights.
6. Islamic Concept of Law of War, Rights and Duties of Belligerent parties.
7. Concept of Neutrality and Quasi-Neutrality; Difference between neutral and neutralized States; rights and duties of neutral and belligerent States.
8. International Law and the present day challenges.

Core Books:


Recommended Books:

1. Ian Brownlie, Principles of Public International Law, London: Oxford University Press.1999
3. Oppenheim, L. International Law.1966
The purpose of this course is to understand the background of foreign policy of Pakistan in proper reference to context. Moreover, the students will be taught about the main determinants, guiding principles, desired and acquired objectives in the age of competing national interest of the state and also taught Pakistan relations with various countries, its role in selected regional and international organizations, its policy and strategy towards non-state actors will be analyzed. Further more foreign policy of Pakistan toward various regional and global issues would be discussed too.

Contents:
1. Introduction to Pakistan’s Foreign Policy
   a. Major determinants, principles and objectives
   b. Geo-Political and Geo-strategic setting
   c. Foreign policy-making process
   d. Divergence and convergence in government and public perceptions
2. Phases of Pakistan’s Foreign policy (Brief Review)
   c. Phase III (1962-1971) Bilateralism
   g. Phase VII (2001 onward) Post 9/11 to-date
3. Pakistan Relations with the Muslim countries: General overview
4. Relations with selected countries:
   a. Relations with the United States
   b. Relations with China
   c. Relations with Russia
   d. Relations with India
5. Pakistan’s Nuclear Policy: A brief review
6. Pakistan in the United Nations
7. Pakistan’s foreign policy: Latest trends and transformations

Core Books:

Recommended Books:

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<th>Semester- VI</th>
<th>Defense and Strategic Studies</th>
<th>03 Cr. Hrs.</th>
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Objectives:

The objectives of the course are to familiarize the students with the basic concepts and terminologies of the discipline. Purpose is to understand the ideas and views of strategic thinkers relating to evolution and development in the field of Defense and Strategic Studies as an academic discipline, and make them capable to critically analyze strategic trends and contemporary security issues around the globe. The use of military force and the phenomena of warfare, its kinds – low intensity conflict are discussed here.
Contents:
1. Definition, Importance, Scope and basic assumptions of Defense and Strategic Studies

2. Evolution and development of strategic thought: Major Thinkers:
   a. Sun TZU
   b. Karl Von Clausewitz
   c. Henry Jomoni
   d. Alfred T. Mahan
   e. Mackinder
   f. Galio Douhet
   g. Mao Tse-Tung
   h. Lidell Hart
   i. Thomas Schilling
   j. Henry Kissinger

   a. War as an instrument of national policy
   b. Nuclear Parity / deterrence
   c. Low Intensity Conflict
   d. Mutual Assured Destruction
   e. Massive Retaliation and Flexible Response
   f. Countervailing Strategies

4. Impact of Technology on Strategic Thinking
   a. War Avoidance and Strategy of Prevention
   b. Confidence and Security-Building Measures
   c. Conflict and Crisis Management
   d. Non-Proliferation and Arms Control Strategies

5. Non-Kinetic Warfare
   a. Media, Propaganda and Cyber Warfare
   b. Psychological Warfare

7. Asymmetric Warfare
8. Contemporary Issues and Emerging Trends in Defense Strategic Studies

Core Books:
Recommended Books:

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<th>Semester-VI</th>
<th>Diplomacy</th>
<th>03 Cr Hrs</th>
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Objectives:

Diplomacy is an important means by which states execute policies. It is largely designed to enable states to secure the objective of their foreign policies by interacting with the other states preferably without a resort to force in war. The main purpose of this course is to acquaint the students not only about the linkage between foreign policy and diplomacy of a country but also to teach them about the means and methods of achieving the aims and objectives of foreign policy through various kinds of diplomacy. In addition, important matters related to diplomacy will be covered in the course in its theoretical and applied dimensions.

Contents:
1. Origin and Evolution of Diplomacy
3. The linkage between Foreign Policy and Diplomacy.
4. Types of Diplomacy: Old and New Diplomacy; Open and Secret, Formal and Informal
5. Kinds of Diplomacy: Summit Diplomacy, Bilateral Diplomacy, Multilateral Diplomacy, Preventive Diplomacy, Quiet/Silent Diplomacy, Gunboat Diplomacy, Islamic Approach to Diplomacy
6. Multi-track Diplomacy
7. Informal Channels of Diplomacy: Media and NGOs
8. Role of Foreign Office/Ministry of Foreign Affairs
9. Role of Career, Non-career diplomats and the political leadership

**Core Books:**

**Recommended Books:**

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<th>Semester VI</th>
<th>Conflict Management and Resolution</th>
<th>03 Cr Hrs</th>
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**Objectives:**
This course is primarily about developing a broadly applicable and eclectic purview of conflict and peace. It is not just theory-oriented discourse but also includes some practical skills for handling conflict as these have been developed by practitioners in various contexts of conflicts. We will also devote weekly debate/discussion sessions to relate the course content to their own experience and knowledge and to develop their own ideas will also be arranged.

**Contents:**
1. Defining Conflict and its Sources  
   a. Definition and Nature of Conflict
b. Systemic Sources
c. Societal Sources
d. Bureaucratic and Organizational Sources
e. Terrorism and Religion: New Dimensions

2. Basic and Complex Level of Analysis
   a. The Individual Level
   b. The Group Level
   c. The State Level
   d. The Decision Making Level
   e. The Ideological, Social and Economics Levels

3. Typologies of Conflict
   a. Low Intensity Conflict
   b. High Intensity Conflict
   c. International Conflict
   d. Non-International Conflict

4. Basics of Conflict Management and Resolution
   a. Conflict Management and Resolution between States
   b. Conflict Management and Resolution in Civil Wars
   c. Conflict Management and Resolution in State Formation

5. Techniques of Conflict Management and Resolution
   b. Facilitation
   c. Good Offices
   d. Mediation in International Relations.
   e. Commission of Enquiry
   f. Conciliation
   g. Arbitration
   h. Adjudication
   i. Improvements in the Bargaining Strategies
   j. Confidence Building Measures

6. Conflict Prevention and Pre-emption:
   a. From Prevention to Pre-emption
   b. Preventive Diplomacy

7. Case Studies

Core Books:

Recommended Books:

| Semester-VII | Comparative and Developmental Politics | 03 Cr. Hrs. |

**Objectives:**

The objective of this course is to make the students aware about the basic concepts and terminology often used in the study of political systems and processes, commonly in all the societies. Further, the students are to be prepared for making meaningful comparisons of various political systems with reference to their political functions, structures, cultures, development, processes etc.

**Contents:**

2. Approaches of the study of politics: Traditional and Behavioral approaches with criticism.
3. Political System: Definition, meanings and characteristics of political system; Functional and structural approach in the study and comparison of political systems. David Easton’s and Almond-Colman’s model of political system.
4. Political Culture: definition; significance of the study in the context of international relations; types of political culture.
5. Political Development: meanings and common characteristics and indicators of political development.
6. Socio-political change and modernization: Major Theories and their Functional Implications;
7. Major Issues of National Identity and Integration: Legitimacy, role of bureaucracy and military elite, charismatic leadership in the political systems.

**Core Books:**

Recommended Books:

<table>
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<tr>
<th>Semester- VII</th>
<th>Comparative Foreign Policy of Major Powers: US, Russia, &amp; China</th>
<th>03 Cr. Hrs.</th>
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Objectives:
The objective of this course is to give a comparative understanding of the historical background, principles, aims, objectives, determinants and procedures of foreign policies of USA, China and Russia.

Contents:
The foreign policies of these countries are to be studied, and compared from the following dimensions
1. Historical background
2. Major determinants
3. Aims and objectives
4. Case studies: Comparative Foreign Policy of US, Russia, and China.

Core Books:

Recommended Books:

<table>
<thead>
<tr>
<th>Semester- VII</th>
<th>International Relations in the New Millennium</th>
<th>03 Cr. Hrs.</th>
</tr>
</thead>
</table>

Objectives:

This course aims to enhance the understanding of students about the contemporary issues of International Relations in the 21st century. It will enable the students to revisit the major theoretical debates and concepts of International Relations in the light of new developments in the World Politics.

Contents:

1. The UN Millennium Development Goals
2. Emerging Major Debates: The Clash of Civilizations and Dialogue among the Civilization
3. The Changing Nature of the inter-state Conflict: the Concept of the Cold Peace
4. 9/11 and Aftermaths
5. War on Terrorism and Approaches to counter terrorism
6. Conflict in the Middle East
8. China: A Rising Power in the World Politics
9. Arab Uprisings
10. Crises of Sovereignty in the Globalized World
11. Post-conflict Peace-building (Iraq, Afghanistan, and Libya)
12. Changing Role of Media in World Politics
13. Non-state Actors in the Globalized World
14. Energy Politics
15. Latest Developments/ Trends and Transformations
Core Books:

Recommended Books:

<table>
<thead>
<tr>
<th>Semester- VII</th>
<th>Comparative Political Systems of UK, US, Russia and China (any two)</th>
<th>03 Cr. Hrs.</th>
</tr>
</thead>
</table>

Objectives:
The main purpose of this course is to give an understanding to the students about the functioning of various political systems and their structural and functional analysis. In this course efforts are made to cover the various aspects of the political systems of developed or developing or both. It will generate awareness among the students about the actual functioning of these political systems and the decision making process, especially regarding the external relations.

Contents:
Following aspects of the political systems subject to study shall be covered.

1. Historical background and development;
2. Constitutional/legal foundations of the system;
3. Political process and political recruitment;
   a. Political party systems and the pressure groups’ role in the process.
   b. Functioning of the organs of the government: legislature, executive and judiciary
   c. Political environmental factors influencing the politics such as geographic, socio-economic, international scenario, media etc
4. Political culture.

Core Books:

**Recommended Books:**


<table>
<thead>
<tr>
<th>Semester –VII</th>
<th>Politics of Pakistan</th>
<th>03 Cr. Hrs.</th>
</tr>
</thead>
</table>

**Objective:**

The objective of this course is to generate awareness among the students regarding the internal dynamics of Pakistan politics.

**Contents:**

1. Constitutional foundation of Pakistan’s political system.
2. Nature and characteristics of political party system and pressure groups.
3. Major Political Movements, debates and controversies
4. Federalism in Pakistan – Constitutional Provisions and Politics of Center Province Relations
5. The Issue of Ethnic Diversity and its management.
7. Civil-military relations.
8. Decision making process in general.
9. Decision making regarding the external relations of the country.
10. Major Challenges to the Political Stability

**Core Books:**

Recommended Books:

| Semester-VIII | Arms Control and Disarmament | 03 Cr. Hrs. |

Objectives:
The basic objective of this course is to familiarize the student of the inter-linkage of foreign and security policies which culminates into war and peace between the states. The study examines the steps that have been taken to control the nuclear and conventional weapons to achieve peace and security round the globe. It also focuses on the problems of verification, transparency and on-site inspection.

Contents:
1. Definition and Theories of Armaments: Causes of Conventional and Nuclear Arms Races.
2. Relationship between Disarmament & Arms Control,
3. Theories and Approaches of disarmament and its critiques
4. Types & problems of Disarmaments and Arms Control.
   a. Inspection, verification and enforcement
   b. Transparency in Arms Transfer
5. A review of Arms Control Negotiations and Treaties
6. Case Studies:
   a. Arms Race between Superpowers, Great Powers & Third World States (India v/s Pakistan)
   b. Arms Control Measures: Failures and Successes.
Core Books:

Recommended Books:
CURRICULUM FOR MS/MPHIL
SCHEME OF STUDIES

MS/MPhil 2-YEAR PROGRAMME (30 CREDIT HOURS)

Following is the scheme of studies for 2 – Year MS/MPhil in International Relations of 30 credit hours including 6 credit hours of thesis, which is compulsory.

List of Core Courses:

It is suggested that the core courses should be of 4 credit hours and all the optional courses of 3 credit hours. However, the academic bodies of the universities are autonomous to determine the weightage of each course.

1. International Relations: Advanced Theory and Practice (4 Credit Hours)
2. Advanced Research Methodology (4 Credit Hours)
3. Seminar on Contemporary Regional and Global Issues (4 Credit Hours)

Total 12

List of Optional Courses:

Following is an optional list of courses to be offered by the universities concerned. The course contents and the core/recommended books too would be provided by the teacher(s) at the time of the offering of a course. The academic bodies of the respective universities are free to add other titles as well in the given list of optional courses.

1. Politics of South Asia
2. Ethnic Conflict in Global Perspective
3. Politics of Middle East
4. Internal Law and Use of Force
5. Contemporary Trends in International Law
6. Comparative Analyses of Foreign Policy of Major Powers (any two)
7. Foreign Policy Analyses
8. Role of International Financial Institutions in International Relations
9. An Analysis of Pakistan’s Foreign Policy
10. Politics and Security of Asia-Pacific Region
11. National Security Issues in Contemporary Pakistan
12. Contemporary Environmental Issues
13. Major Issues of Muslim World
14. Conflict and Cooperation in South Asia
15. Peace Building in Post-conflict Societies
16. International Organizations
17. Power Sharing in Multiethnic States
18. Arms Control and International Security
19. Politics of Human Rights
20. Contemporary Political Theories
<table>
<thead>
<tr>
<th>Semester</th>
<th>Name of Subject</th>
<th>Credits</th>
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<tbody>
<tr>
<td><strong>First</strong></td>
<td>International Relations: Advanced Theory and Practice</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Advanced Research Methodology</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Seminar on Contemporary Regional and Global Issues</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td><strong>Total</strong></td>
<td><strong>12</strong></td>
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<tr>
<td><strong>Second</strong></td>
<td>OPTIONAL-I</td>
<td>3</td>
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<td>OPTIONAL-II</td>
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<td>OPTIONAL-IV</td>
<td>3</td>
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<td></td>
<td><strong>Total</strong></td>
<td><strong>12</strong></td>
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<tr>
<td><strong>Third and Fourth</strong></td>
<td>Thesis</td>
<td><strong>6</strong></td>
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DETAILS OF MS/MPHIL COURSES

Following are the course contents and the list of core and suggested readings of the 2-Years MS/MPhil Programme spread over 02 semesters:

<table>
<thead>
<tr>
<th>Semester– I</th>
<th>International Relations: Advanced Theories and Practice</th>
<th>04 Cr. Hrs.</th>
</tr>
</thead>
</table>

Objectives:

The advanced course on “International Relations: Theories and Practice”, aims to provide a conceptual model upon which international relations can be analyzed. It entails the development of conceptual frameworks and theories to facilitate the understanding and explanation of events and phenomena in world politics, as well as the analysis and informing of associated policies and practices. Each theory of IR is reductive and essentialist to different degrees, relying on different sets of assumptions respectively.

1. Theory and Practice: An Introduction
2. Theories of International Relation
   a. Realism and it’s off-shoots
      - Classical Realism
      - Neo-realism
      - Neo-classical realism
   b. Liberalism and it’s off-shoots
      - From Idealism to Liberalism
      - Neo-liberalism
      - Institutional Liberalism
      - Neo-Conservatism
   c. Constructivism
   d. Marxism and it’s off-shoots
      - Marxism and Market Economy
      - Dependency Theory
      - Communism
      - Socialism and Marxism
   e. Feminism
   f. Critical Theory
   g. English School of Thought
   h. Green Theory
3. Doing politics and international relations: Theories in Action

Note: All theories shall be explained with appropriate case studies.
Core Books:

Recommended Books:

<table>
<thead>
<tr>
<th>Semester- I</th>
<th>Seminar on Contemporary Regional and Global Issues</th>
<th>04 Cr. Hrs.</th>
</tr>
</thead>
</table>

Objectives:

The objective of the course is to introduce the students with the contemporary regional and global issues facing the world. The issues are broadly divided into two main categories; the traditional issues and the non-traditional issues.

1. Contemporary Traditional Issues. Three traditional issues will form the part of the course out of which the select topics will be covered during the seminars:-

   a. The Jammu and Kashmir Dispute. The issue will be analyzed from its historical perspective to-date, emphasizing on; geopolitical and economic significance, role of major powers, uprisings, role of religious factions and political organizations, international community (UNO) and Kashmir, and finding a realistic and practical solution of the issue.

   b. Middle Eastern Crisis. From disintegration of Ottoman Empire to the contemporary times, emphasizing on; Palestine issue, clash of ideologies between Iran and GCC, role of major powers, contemporary uprising and future prospects.

   c. Political and Security issues of Asia Pacific will be discussed in the regional perspective such as a clash between Japan and China and South Korea and North Korea/China. Globally, US-China clash over the dominance in East Asia will be discussed.
d. Contemporary Issues of Central Asia and Caucasus: The issues ever since their emergence, particularly Islamic renaissance and nationalism will be discussed. The state of affairs of the Central Asian countries ever since their independence in 1990-91 will be discussed in their security, political and economic perspective. In particular, the role of the Russian Federation in the Central Asian and Caucasian republics would be analyzed in its present context. In addition, this segment would also include the role of the United States and the other major powers of the world in the region.

2. The Contemporary Non-Traditional Issues

Following non-traditional issues will form the part of the course out of which the select topics will be covered during the seminars:

a. The Water issues of South Asia. The issues of cross-border water distribution, utilization, management and manipulation of water, affecting the upper and lower riparian countries in South Asia (India, Pakistan, Bangladesh and Nepal). The issue is gradually taking centre-stage in defining interstate relations leading towards water wars.

b. The Global Energy: Hydrocarbons and Pipeline Politics. The scope of this module will include the global efforts to secure the hydrocarbons of Middle East, Central Asia/ Caspian region and Africa.

c. Political Islam: Reality and Perception

d. Environmental issues, natural disaster and climate change

e. Terrorism: its regional and global impact with particular emphasis on Pakistan and Afghanistan.

f. The Global Poverty, Food crises and their Impacts

g. International Economic Issues

h. Global impact of HIV and AIDs

i. Cyber warfare; a new forms of warfare

j. Migration, displacement, refugees and international politics

3. Latest regional and global issues

Core Books:

**Recommended Books:**

<table>
<thead>
<tr>
<th>Semester- I</th>
<th>Advanced Research Methods in International Relations</th>
<th>04 Cr. Hrs.</th>
</tr>
</thead>
</table>

**Objectives:**

The purpose of this course is to equip the students with advance practice of research in International Relations. It would develop the skills to review the literature and also help the students in data collection, analyzing and evaluating research. Drawing on others to form, support and extend their own opinions; in documenting their sources; learning scholarly communication in research and academics. This course has been developed for applying qualitative and quantitative methods in their area of work. Research methods and applicability of various instruments of gathering qualitative/quantitative data in systematic, scientific and ethical ways will be discussed. In addition, the student will be guided for tools of data collection, data analysis and data interpretation. Software for qualitative/quantitative data analysis and generating references will be briefly discussed.

1. **Introduction to Research Methods**
   a. Human Inquiry and Social Science
   b. Requisite Skills to conduct research
   b. Systematic approach to International relations

2. **Philosophical Foundations of International Relations:**
3. Ethics and IR Research

4. Classification of Research
   a. Basic/ Applied Research
   b. Historical
   c. Exploratory
   d. Descriptive
   e. Explanatory

5. Theory Building: Concepts and Hypotheses
   a. The nature of IR Theory
   b. The logic of Theory Building
   c. Components of IR Theory
   d. Theory testing and elaboration

6. Research Proposal
   a. Understanding of Research Proposal
   b. Focusing on Research Topic
   c. Choosing a Research Design

7. Research Design
   a. Experimental Research Design
   b. Non- experimental Research Design

8. Basic Concepts in Quantitative Research.
   a. Sampling
   b. Survey approach
   c. Casual research
   d. Experimental research
   e. Action research method

9. Basic concepts of Qualitative Research.
   a. Qualitative research design
   b. Sampling in qualitative research
   c. Data collection techniques, Survey/Interview method and questionnaire
   d. Analyzing text, documents and artifacts
   e. Preparation of a concept note applying qualitative research methods
   f. Preparing qualitative data collection guideline
   g. Preparing field notes and transcripts
   h. Qualitative data management and analysis

10. Organizing and writing research thesis.
    a. Introduction to software MS Excel, SPSS
b. Web browsing for scientific purposes and Referencing using End-Note

**Core Books:**


**Recommended Books:**

COMPULSORY COURSES IN ENGLISH FOR BS (4 YEAR) IN BASIC & SOCIAL SCIENCES

English I (Functional English)

Objectives: Enhance language skills and develop critical thinking.

Course Contents:
Basics of Grammar
Parts of speech and use of articles
Sentence structure, active and passive voice
Practice in unified sentence
Analysis of phrase, clause and sentence structure
Transitive and intransitive verbs
Punctuation and spelling

Comprehension
Answers to questions on a given text

Discussion
General topics and every-day conversation (topics for discussion to be at the discretion of the teacher keeping in view the level of students)

Listening
To be improved by showing documentaries/films carefully selected by subject teachers

Translation skills
Urdu to English

Paragraph writing
Topics to be chosen at the discretion of the teacher

Presentation skills
Introduction

Note: Extensive reading is required for vocabulary building

Recommended Books:
1. Functional English
   a) Grammar


b) Writing

c) Reading/Comprehension

d) Speaking

   **English II (Communication Skills)**

   **Objectives:** Enable the students to meet their real life communication needs.

   **Course Contents:**

   **Paragraph writing**
   Practice in writing a good, unified and coherent paragraph

   **Essay writing**
   Introduction

   **CV and job application**
   Translation skills
   Urdu to English

   **Study skills**
   Skimming and scanning, intensive and extensive, and speed reading, summary and précis writing and comprehension

   **Academic skills**
   Letter/memo writing, minutes of meetings, use of library and internet

   **Presentation skills**
   Personality development (emphasis on content, style and pronunciation)
Recommended Books:

Communication Skills
a) Grammar

b) Writing

c) Reading
   2. Reading and Study Skills by John Langan
   3. Study Skills by Riachard Yorky.

English III (Technical Writing and Presentation Skills)

Objectives: Enhance language skills and develop critical thinking

Course Contents:

Presentation skills

   Essay writing
   Descriptive, narrative, discursive, argumentative

   Academic writing
   How to write a proposal for research paper/term paper

   How to write a research paper/term paper (emphasis on style, content, language, form, clarity, consistency)
Technical Report writing

Progress report writing

*Note: Extensive reading is required for vocabulary building*

**Recommended Books:**

Technical Writing and Presentation Skills

a) Essay Writing and Academic Writing
   
   

b) Presentation Skills

c) Reading
   The Mercury Reader. A Custom Publication. Compiled by norther Illinois University. General Editors: Janice Neulib; Kathleen Shine Cain; Stephen Ruffus and Maurice Scharton. (A reader which will give students exposure to the best of twentieth century literature, without taxing the taste of engineering students).
Pakistan Studies (Compulsory)

Introduction/Objectives:

- Develop vision of historical perspective, government, politics, contemporary Pakistan, ideological background of Pakistan.
- Study the process of governance, national development, issues arising in the modern age and posing challenges to Pakistan.

Course Outline:

1. Historical Perspective
   b. Factors leading to Muslim separatism
   c. 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:
   a. 1947-58
   b. 1958-71
   c. 1971-77
   d. 1977-88
   e. 1988-99
   f. 1999 onward

3. Contemporary Pakistan
   a. Economic institutions and issues
   b. Society and social structure
   c. Ethnicity
   d. Foreign policy of Pakistan and challenges
   e. Futuristic outlook of Pakistan
Books Recommended:

Annexure “C”

ISLAMIC STUDIES
(Compulsory)

Objectives:

This course is aimed at:
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.

Detail of Courses:

Introduction to Quranic Studies
1) Basic Concepts of Quran
2) History of Quran
3) Uloom-ul -Quran

Study of Selected Text of Holy Quran
1) Verses of Surah Al-Baqra Related to Faith(Verse No-284-286)
2) Verses of Surah Al-Hujrat Related to Adab Al-Nabi (Verse No-1-18)
3) Verses of Surah Al-Mumanoon Related to Characteristics of faithful (Verse No-1-11)
4) Verses of Surah al-Furqan Related to Social Ethics (Verse No.63-77)
5) Verses of Surah Al-Inam Related to Ihkam(Verse No-152-154)

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

Seerat of Holy Prophet (S.A.W) I
1) Life of Muhammad Bin Abdullah (Before Prophet-hood)
2) Life of Holy Prophet (S.A.W) in Makkah
3) Important Lessons Derived from the life of Holy Prophet in Makkah

Seerat of Holy Prophet (S.A.W) II
1) Life of Holy Prophet (S.A.W) in Madina
2) Important Events of Life Holy Prophet in Madina
3) Important Lessons Derived from the life of Holy Prophet in Madina
Introduction to Sunnah
1) Basic Concepts of Hadith
2) History of Hadith
3) Kinds of Hadith
4) Uloom –ul-Hadith
5) Sunnah & Hadith
6) Legal Position of Sunnah

Selected Study from Text of Hadith

Introduction to Islamic Law & Jurisprudence
1) Basic Concepts of Islamic Law & Jurisprudence
2) History & Importance of Islamic Law & Jurisprudence
3) Sources of Islamic Law & Jurisprudence
4) Nature of Differences in Islamic Law
5) Islam and Sectarianism

Islamic Culture & Civilization
1) Basic Concepts of Islamic Culture & Civilization
2) Historical Development of Islamic Culture & Civilization
3) Characteristics of Islamic Culture & Civilization
4) Islamic Culture & Civilization and Contemporary Issues

Islam & Science
1) Basic Concepts of Islam & Science
2) Contributions of Muslims in the Development of Science
3) Quran and Science

Islamic Economic System
1) Basic Concepts of Islamic Economic System
2) Means of Distribution of wealth in Islamic Economics
3) Islamic Concept of Riba
4) Islamic Ways of Trade & Commerce

Political System of Islam
1) Basic Concepts of Islamic Political System
2) Islamic Concept of Sovereignty
3) Basic Institutions of Govt. in Islam

Islamic History
1) Period of Khlaft-E-Rashida
2) Period of Ummayyads
3) Period of Abbasids

Social System of Islam
1) Basic Concepts of Social System of Islam
2) Elements of Family
3) Ethical Values of Islam

Reference Books:
1) Hameed ullah Muhammad, “Emergence of Islam”, IRI, Islamabad
2) Hameed ullah Muhammad, “Muslim Conduct of State”
3) Hameed ullah Muhammad, ‘Introduction to Islam
4) Mulana Muhammad Yousaf Islahi,”
6) Ahmad Hasan, “Principles of Islamic Jurisprudence” Islamic Research Institute, International Islamic University, Islamabad (1993)
9) Dr. Muhammad Zia-ul-Haq, “Introduction to Al Sharia Al Islamia” Allama Iqbal Open University, Islamabad (2001)
Note: One course will be selected from the following six courses of Mathematics.

COMPULSORY MATHEMATICS COURSES FOR BS (4 YEAR)

(FOR STUDENTS NOT MAJORING IN MATHEMATICS)

1. MATHEMATICS I (ALGEBRA)

Prerequisite(s): Mathematics at secondary level

Credit Hours: 3 + 0

Specific Objectives of the Course: To prepare the students, not majoring in mathematics, with the essential tools of algebra to apply the concepts and the techniques in their respective disciplines.

Course Outline:

Preliminaries: Real-number system, complex numbers, introduction to sets, set operations, functions, types of functions.

Matrices: Introduction to matrices, types, matrix inverse, determinants, system of linear equations, Cramer’s rule.

Quadratic Equations: Solution of quadratic equations, qualitative analysis of roots of a quadratic equations, equations reducible to quadratic equations, cube roots of unity, relation between roots and coefficients of quadratic equations.

Sequences and Series: Arithmetic progression, geometric progression, harmonic progression.

Binomial Theorem: Introduction to mathematical induction, binomial theorem with rational and irrational indices.

Trigonometry: Fundamentals of trigonometry, trigonometric identities.

Recommended Books:
2. **MATHEMATICS II (CALCULUS)**

**Prerequisite(s):** Mathematics I (Algebra)

**Credit Hours:** 3 + 0

**Specific Objectives of the Course:** To prepare the students, not majoring in mathematics, with the essential tools of calculus to apply the concepts and the techniques in their respective disciplines.

**Course Outline:**

*Preliminaries:* Real-number line, functions and their graphs, solution of equations involving absolute values, inequalities.

*Limits and Continuity:* Limit of a function, left-hand and right-hand limits, continuity, continuous functions.

*Derivatives and their Applications:* Differentiable functions, differentiation of polynomial, rational and transcendental functions, derivatives.

*Integration and Definite Integrals:* Techniques of evaluating indefinite integrals, integration by substitution, integration by parts, change of variables in indefinite integrals.

**Recommended Books:**
3. MATHEMATICS III (GEOMETRY)

Prerequisite(s): Mathematics II (Calculus)
Credit Hours: 3 + 0

Specific Objectives of the Course: To prepare the students, not majoring in mathematics, with the essential tools of geometry to apply the concepts and the techniques in their respective disciplines.

Course Outline:

Geometry in Two Dimensions: Cartesian-coordinate mesh, slope of a line, equation of a line, parallel and perpendicular lines, various forms of equation of a line, intersection of two lines, angle between two lines, distance between two points, distance between a point and a line.

Circle: Equation of a circle, circles determined by various conditions, intersection of lines and circles, locus of a point in various conditions.

Conic Sections: Parabola, ellipse, hyperbola, the general-second-degree equation

Recommended Books:
Kaufmann J. E., College Algebra and Trigonometry, 1987, PWS-Kent Company, Boston

4. COURSE FOR NON-MATHEMATICS MAJORS IN SOCIAL SCIENCES

Title of subject: MATHEMATICS
Discipline: BS (Social Sciences).
Pre-requisites: SSC (Metric) level Mathematics
Credit Hours: 03 + 00
Minimum Contact Hours: 40
Assessment: written examination;
Effective: 2008 and onward

Aims:
To give the basic knowledge of Mathematics and prepare the students not majoring in mathematics.

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

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

Contents:


Recommended Books:
5. MATHEMATICS FOR CHEMISTRY

Credit Hours: 3
Prerequisites: Mathematics at Secondary level

Specific Objectives of Course: To prepare the students not majoring in mathematics with the essential tools of Calculus to apply the concepts and the techniques in their respective disciplines.

Course Outline:


Recommended Books:

6. MATHEMATICS FOR PHYSICS

Contents:
1. Preliminary calculus.
   - Differentiation
     Differentiation from first principles; products; the chain rule; quotients; implicit differentiation; logarithmic differentiation; Leibnitz’ theorem; special points of a function; theorems of differentiation.
   - Integration
     Integration from first principles; the inverse of differentiation; integration by inspection; sinusoidal function; logarithmic integration;
integration using partial fractions; substitution method; integration by parts; reduction formulae; infinite and improper integrals; plane polar coordinates; integral inequalities; applications of integration.

2. **Complex numbers and hyperbolic functions**
   - The need for complex numbers
   - Manipulation of complex numbers
     Additions and subtraction; modulus and argument; multiplication; complex conjugate; division
   - Polar representation of complex numbers
     Multiplication and division in polar form
   - de Moivre’s theorem
     Trigonometrical identities; finding the nth roots of unity; solving polynomial equations
   - Complex logarithms and complex powers
   - Applications to differentiation and integration
   - Hyperbolic functions
     Definitions; hyperbolic-trigonometric analogies; identities of hyperbolic functions; solving hyperbolic equations; inverses of hyperbolic functions; calculus of hyperbolic functions

3. **Series and limits**
   - Series
   - Summation of series
     Arithmetic series; geometric series; arithmetico-geometric series; the difference method; series involving natural numbers; transformation of series
   - Convergence of infinite series
     Absolute and conditional convergence; convergence of a series containing only real positive terms; alternating series test
   - Operations with series
   - Power series
     Convergence of power series; operations with power series
   - Taylor series
     Taylor’s theorem; approximation errors in Taylor series; standard Maclaurin series
   - Evaluation of limits

4. **Partial differentiation**
   - Definition of the partial derivative
   - The total differential and total derivative
   - Exact and inexact differentials
   - Useful theorems of partial differentiation
   - The chain rule
   - Change of variables
   - Taylor’s theorem for many-variable functions
• Stationary values of many-variable functions
• Stationary values under constraints

5. **Multiple integrals**
• Double integrals
• Triple integrals
• Applications of multiple integrals
  Areas and volumes; masses, centers of mass and centroids;
Pappus' theorems; moments of inertia; mean values of functions
• Change of variables in multiple integrals
  Change of variables in double integrals;

6. **Vector Algebra**
• Scalars and vectors
• Addition and subtraction of vectors
• Multiplication by a scalar
• Basis vectors and components
• Magnitude of a vectors
• Multiplication of vectors
  Scalar product; vector product; scalar triple product; vector triple product
• Equations of lines and planes
  Equation of a line; equation of a plane
• Using vectors to find distances
  Point to line; point to plane; line to line; line to plane
• Reciprocal vectors

7. **Matrices and vector spaces**
• Vectors spaces
  Basic vectors; the inner product; some useful inequalities
• Matrices
• The complex and Hermitian conjugates of a matrix
• The determinant of a matrix
  Properties of determinants
• The inverse of a matrix
• The rank of a matrix
• Simultaneous linear equations
  N simultaneous linear equations in N unknowns
• Special square matrices
  Diagonal; symmetric and antisymmetric; orthogonal; Hermitian;
  unitary normal
• Eigen vectors and eigen values of a normal matrix; of Hermitian
  and anti-Hermitian matrices; of a unitary matrix; of a general square
  matrix
• Determination of eigen values and eigen vectors degenerate eigen values

8. Vector calculus
• Differentiation of vectors
  Composite vector expressions; differential of a vector
• Integration of vectors
• Space curves
• Vector functions of several arguments
• Surfaces
• Scalar and vector fields
• Vector operators
  Gradient of a scalar field; divergence of a vector field; curl of a vector field
• Vector operator formulae
  Vector operators acting on sums and products; combinations of grad, div and curl
• Cylindrical and spherical polar coordinates Cylindrical polar coordinates; spherical polar coordinates
INTRODUCTION TO STATISTICS

Credit hrs: 3(3-0)

Unit 1. What is Statistics?

Unit 2. Presentation of Data
Introduction, basic principles of classification and Tabulation, Constructing of a frequency distribution, Relative and Cumulative frequency distribution, Diagrams, Graphs and their Construction, Bar charts, Pie chart, Histogram, Frequency polygon and Frequency curve, Cumulative Frequency Polygon or Ogive, Historigram, Ogive for Discrete Variable. Types of frequency curves. Exercises.

Unit 3. Measures of Central Tendency
Introduction, Different types of Averages, Quantiles, The Mode, Empirical Relation between Mean, Median and mode, Relative Merits and Demerits of various Averages. properties of Good Average, Box and Whisker Plot, Stem and Leaf Display, definition of outliers and their detection. Exercises.

Unit 4. Measures of Dispersion

Unit 5. Probability and Probability Distributions
Discrete and continuous distributions: Binomial, Poisson and Normal Distribution. Exercises

Unit 6. Sampling and Sampling Distributions
Introduction, sample design and sampling frame, bias, sampling and non sampling errors, sampling with and without replacement, probability and non-probability sampling, Sampling distributions for single mean and proportion, Difference of means and proportions. Exercises.
Unit 7. **Hypothesis Testing**  
Introduction, Statistical problem, null and alternative hypothesis, Type-I and Type-II errors, level of significance, Test statistics, acceptance and rejection regions, general procedure for testing of hypothesis. Exercises.

Unit 8. **Testing of Hypothesis- Single Population**  
Introduction, Testing of hypothesis and confidence interval about the population mean and proportion for small and large samples, Exercises

Unit 9. **Testing of Hypotheses-Two or more Populations**  
Introduction, Testing of hypothesis and confidence intervals about the difference of population means and proportions for small and large samples, Analysis of Variance and ANOVA Table. Exercises

Unit 10. **Testing of Hypothesis-Independence of Attributes**  

Unit 11. **Regression and Correlation**  

**Recommended Books:**


**Note:** *General Courses from other Departments*

Details of courses may be developed by the concerned universities according to their Selection of Courses as recommended by their Board of Studies.
RECOMMENDATIONS

1. The Committee after discussing the issues and problems being faced in the teaching/research in the subject of International Relations gave the following recommendations.

2. The BS-4 year programme should be initiated uniformly throughout the country. In this regard the HEC should convince the universities and provide the required facilities as well. For this purpose special workshops and training programmes should be offered.

3. The HEC must ensure that all the universities essentially follow the prepared curriculum in its true spirit. The respective board of studies of the universities may be asked to hold their meetings at the earliest for its consideration and the commencement of the process.

4. Certain subjects are the offshoots of the discipline of International Relations and offer specialization in its different aspects. These include Defence & Strategic Studies, Defence and Diplomatic Studies, Strategic & Nuclear Studies, Peace & Conflict Studies etc. The HEC is requested to declare their equivalence to the discipline of International Relations for all recruitment and other practical purposes. Further these subjects should also be given representation in the Curriculum Development Committee of International Relations.

5. The research component in the given curriculum should be made compulsory. It is observed that certain universities allow their students to replace the thesis with the equivalent taught courses at MS/MPhil level. The Committee recommended that thesis should be made compulsory in MS/MPhil because it is the recognized system of research degree through the world.

6. The research should be encouraged and facilitated by the universities. It is observed that most of the universities do not give any weightage to research supervision while calculating the total workload of a teacher. It is needed to be clarified by the HEC that the supervision of research at any level (BS, MS, PhD) must be considered as normal workload equivalent to certain credit hours of taught course. A notification to this effect may be issued by the HEC to all the universities and degree awarding institutions.

7. The major universities had no representation in this Committee. Particularly no representative came from Quaid-e-Azam University Islamabad, University of the Punjab Lahore, GCU Lahore, University of Karachi, University of Sindh Jamshoro, International Islamic University Islamabad, Fatima Jinah Women University, Rawalpindi etc. The Committee expressed its grave concern on such a non-responsive attitude of the universities. The HEC is suggested to send its concern in writing to the Vice Chancellors of the respective universities in this regard.