

Dear Student,

Welcome to Minhaj University Lahore.

You are Not Required to register courses separately, IF you are a student of ADP/BS Computer Science, Information Technology, Software Engineering, Data Science, Artificial Intelligence, Cyber Security, Computer Networking, Web Design & Development, L.L.B., BSc Chemical Engineering, BSc Electrical Engineering, and Pharm-D.

Courses to be Studied in 1st Semester

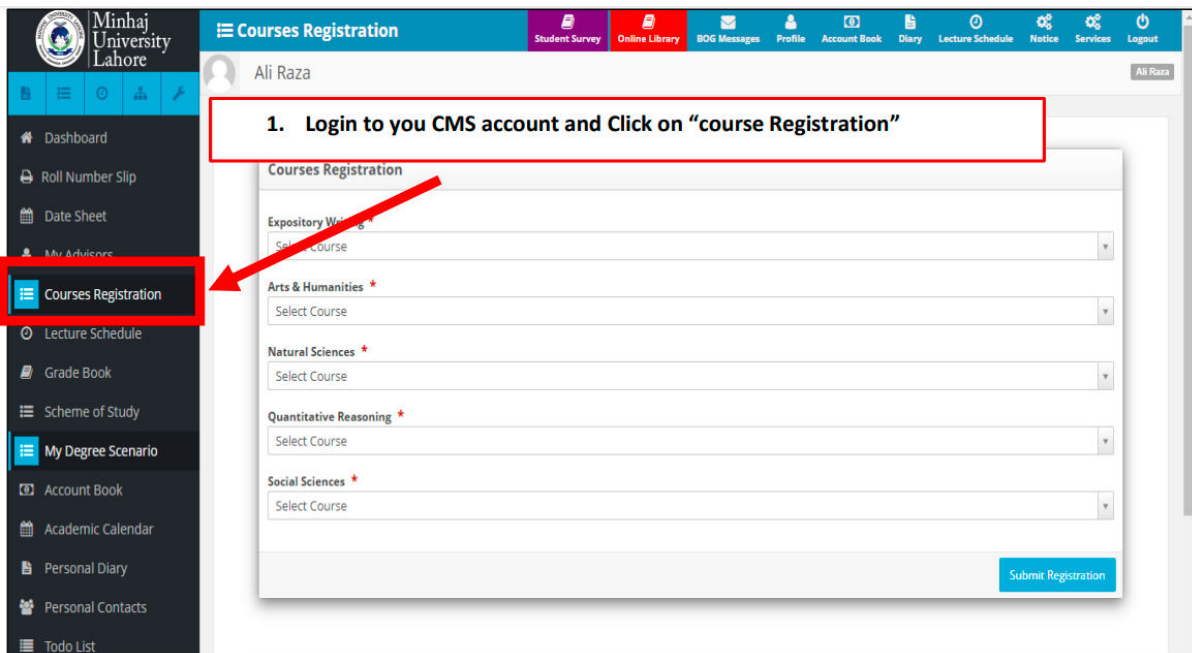
IF you have taken admission other than above programs, then you have to register for the following 05 courses:

- 1- EXPR101 - Expository Writing-I: Introduction to Expository Writing (Compulsory Course)
- 2- Select a course from Arts & Humanities
- 3- Select a course from Natural Science
- 4- Select a course from Quantitative Reasoning
- 5- Select a course from Social Science

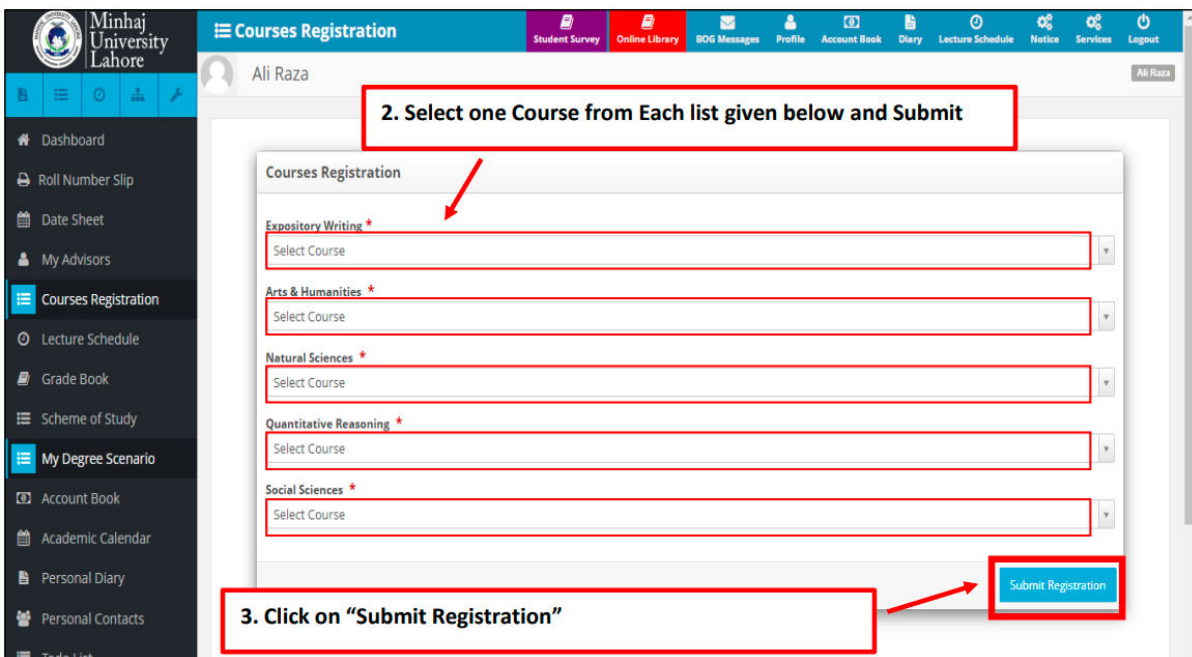
Course Registration on CMS

Login into the CMS through www.cms.mul.pk, enter your registration number (i.e. 2022F-mulbba-001) as Username and enter password. You can check your personal email address given at the time of admission for username / registration number and password.

Go to the Course Registration.



Select the course of each domain from the list and submit, you must consult your Academic Advisor prior to course selection and also check the course list and description given here.



List of General Education Courses

Sr.	Code	Course Name	CH	Category	Offered by School
1	AHSS101	The Life of Holy Prophet S.A.W.W	3	Arts & Humanities	Shaykh ul Islam Institute of Spiritual Studies
2	AHUR101	Zuban, Adab aur Muashra	3	Arts & Humanities	Urdu (Language & Literature)
3	AHUR102	Urdu Zuban o Adab, aur Sahafat	3	Arts & Humanities	Urdu (Language & Literature)
4	AHBS101	Life & Learning - I	3	Arts & Humanities	Behavioral Sciences
5	AHBS102	Life & Learning - II	3	Arts & Humanities	Behavioral Sciences
6	AHAT101	Arts Appreciation	3	Arts & Humanities	Fine Arts
7	AHAT111	Space, Place & Experiences	3	Arts & Humanities	Fine Arts
8	NSPH101	Physics in Nature	3	Natural Sciences	Physics
9	NSZO102	Biology and Society	3	Natural Sciences	Zoology
10	NSBO101	Global Ecology	3	Natural Sciences	Botany
11	NSCH111	What is Science?	3	Natural Sciences	Chemistry
12	NSML101	Healthcare Diagnostics	3	Natural Sciences	Medical Laboratory Technology
13	NSFN102	Disease prevention Through Nutrition	3	Natural Sciences	Human Nutrition & Dietetics
14	NSBC101	Chemistry of Life	3	Natural Sciences	Biochemistry
15	NSFT102	Food Safety and Health	3	Natural Sciences	Food Science and Technology
16	QRCS101	Computing Fundamentals	3	Quantitative Reasoning	Computer Science, Information Technology & Software Engineering
17	QRMT111	Exploring Quantitative Skills	3	Quantitative Reasoning	Mathematics
18	QRST101	Statistics for Beginners	3	Quantitative Reasoning	Statistics
19	QRST102	Essentials of Statistics	3	Quantitative Reasoning	Statistics
20	QRMT112	Tools for Quantitative Reasoning	3	Quantitative Reasoning	Mathematics
21	QRCS102	Essential Computing Skills	3	Quantitative Reasoning	Computer Science
22	SSIE101	Banking Operations	3	Social Sciences	Islamic Economics, Banking & Finance
23	SSEC101	Epitome of	3	Social	Economics

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		Economics		Sciences	
24	SSCJ101	Environmental Criminology	3	Social Sciences	Criminology & Criminal Justice System
25	SSED101	Education and Social Change	3	Social Sciences	Education
27	SSIR101	Issues of Modern World	3	Social Sciences	International Relations
28	SSLS101	Information Library & Society	3	Social Sciences	Library & Information Sciences
29	SSMC102	Digital Media and Globalization	3	Social Sciences	Mass Communication
30	SSPT101	Islam, Peace and Counter Terrorism	3	Social Sciences	Peace and Counter Terrorism Studies
31	SSPO101	Politics and Society	3	Social Sciences	Political Science
32	SSRP101	The Wisdom of World Religion	3	Social Sciences	Religion and Philosophy
33	SSSO111	A Science of Society-I	3	Social Sciences	Sociology
34	SSBM101	Modern Business World	3	Social Sciences	Business & Management Sciences
35	SSCA101	Financial Literacy	3	Social Sciences	Commerce & Accountancy

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Sr.	Code	Course Name	CH	Category	School
1	AHSS101	The Life of Holy Prophet S.A.W.W	3	Arts & Humanities	Shaykh ul Islam Institute of Spiritual Studies

This course introduces the students with the life of the Holy Prophet SAWW.

Sr.	Code	Course Name	CH	Category	School
2	AHUR101	Zuban, Adab aur Muashra	3	Arts & Humanities	Urdu (Language & Literature)

This course covers the dimensions of language, literature and society. Language is the means of communication among human beings through which human community grows and develops in this globe. The society cannot be thought of without language. Literature is the source of human knowledge and the documentation of human experience. Literature and society are closely related to each other since literature is the mirror of society.

Sr.	Code	Course Name	CH	Category	School
3	AHUR102	Urdu Zuban o Adab, aur Sahafat	3	Arts & Humanities	Urdu (Language & Literature)

This course covers the dimensions of Urdu language in terms of regional areas and its usage in journalism and media. It will be a blend of official, literary and journalistic Urdu.

Sr.	Code	Course Name	CH	Category	School
4	AHBS101	Life & Learning - I	3	Arts & Humanities	Behavioral Sciences

The course is envisioned to help in professional and leadership development of students. It targets students from various degree programs from sciences to business to humanities. It will achieve that through targeting four areas including paradigm and principles, personal effectiveness, leadership effectiveness, and leadership greatness with unleash potential.

Sr.	Code	Course Name	CH	Category	School
5	AHBS102	Life & Learning - II	3	Arts & Humanities	Behavioral Sciences

The course is envisioned to help in professional and leadership development of students. It targets students from various degree programs from sciences to business to humanities. It will achieve that through targeting three areas a) Personal Greatness, b) Science of Leadership and Greatness, and c) Organizational Greatness.

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These three areas will cover all the more important area of a person’s life and a better understanding about these will translate into a balanced and good life both personal and professional.

Sr.	Code	Course Name	CH	Category	School
6	AHAT101	Arts Appreciation	3	Social Sciences	Fine Arts

Art Appreciation is a general introduction to the visual arts, media, techniques, and history. This course reviews two- and three-dimensional art forms, methods, and media; examines the visual elements and principles of design; and briefly surveys art styles. Concept of art in daily life and converts the thoughts and ideas adopted from surroundings. The course is designed to create a deeper appreciation of the creative processes involved in the chromatic arts. This course is destined for individuals with comparable exposure in the visual arts and is an examination of visual art forms and their cultural connections spanning eras. It contains short studies in art history as well as in-depth investigations of the ingredients, mediums, and methods applied in a variety of creative processes. You will discover a five-step approach for gaining a knowledge of visual art in all media at the start of this course.

Sr.	Code	Course Name	CH	Category	School
7	AHAT111	Space, Place & Experiences	3	Social Sciences	Fine Arts

Space, place & experiences Architectural structures host the most mundane and the ordinary activities as well as elaborate ceremonies to honor religious sentiments or to propitiate political deities. Some structures built for one purpose sometimes end up serving the other in subsequent times. For example, a very humble burial place that later attracts attention of the ruling class becomes a center of pilgrimage. As a result of this, it starts drawing a large number of people who bring offerings in kind and cash that gradually turns the simple structure into a full-fledged shrine bedecked with costly materials. Abandoned majestic palatial mansions on the other hand, fall into disrepair and turn into hovels or scrapyards. An important Mughal-period mosque known as the Begum Shahi or Maryam Zamani is introduced as a case study. Images and a brief introduction of the mosque, its location, architectural features and decorative techniques will be taught in this general education course.

Sr.	Code	Course Name	CH	Category	School
8	NSPH101	Physics in Nature	3	Natural Sciences	Physics

This course is designed to introduce the physical concept that explain the working of the universe to non-science majors. Physics is the natural science that studies matter, its fundamental constituents, its motion and behavior through space and time, and the related entities of energy and force. Physics is one of the most fundamental scientific discipline, and

its main goal is to understand how the universe behave. Examples from daily life are used to both illustrate the physical concepts and make them relevant to students.

Sr.	Code	Course Name	CH	Category	School
9	NSZO102	Biology and Society	3	Natural Sciences	Zoology

The Biology and Society is study of biology with perspectives from the social sciences and humanities on the social, political and ethical aspects of modern biology. Its aim to enhance understanding of students from any background who are challenged to think more critically about what counts as scientific knowledge and why, and how science and technology intervene in the wider world. Many of the most critical social concerns of our time such as food and population, impact of genetic engineering and new medical technologies, testing for drugs; AIDS and genes, the influence of heredity versus environment on human behavior, environmental quality, and ethical, legal and social aspects of modern medical practice are innately biological. At the same time, each of these issues is inherently a social concern and involves complex relations between biological and sociocultural forces.

Sr.	Code	Course Name	CH	Category	School
10	NSBO101	Global Ecology	3	Natural Sciences	Botany

This course will introduce students to major conceptual issues and areas of current research in ecology. This course mainly focus on the major abiotic factors i.e. soil, nutrition, water, air, temperature, light, wind, fire and their impact on plant growth. The availability of water or nutrients, interactions with neighboring plants, and the frequency of disturbances such as a fire may all interact to influence what vegetation we see in an area, and in what proportions. Examining the many possible influences on plants is the subject of this course. We will also relate current ecological research to such environmental issues as climate change, heavy metal toxicity, salinity, waterlogging and their possible management in plant sciences.

Sr.	Code	Course Name	CH	Category	School
11	NSCH111	What is Science?	3	Natural Sciences	Chemistry

The course starts with an introduction to the development of the scientific approach. It discusses the modern use of the scientific method and the tools and resources that scientists deploy to ensure that they produce authentic and reliable bodies of knowledge. Students are then introduced to three main branches of science (Physics, Chemistry and Biology), their core underlying principles, major developments in these fields and their applications in modern life. Students will work on case studies and lab experiments to understand how scientists discover various workings of nature and the missteps that they can take while conducting any scientific inquiry. The final part of the course focusses on the skills to separate valid science from fringe science. Students are also exposed to the

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fundamentals of scientific communication and strategies to identify reliable bodies of knowledge.

Sr.	Code	Course Name	CH	Category	School
12	NSML101	Healthcare Diagnostics	3	Natural Sciences	Medical Laboratory Technology

This course provides brief knowledge of various sections of healthcare diagnostics. There has been growing health care, third party payer, and societal interest in ensuring appropriate testing to inform disease status and management. Some of this has focused on discouraging health professionals from ordering tests that have not been shown to improve patient outcomes. At the same time, there has been increasing demand to test for markers that can lead to individualized, or stratified, care.

Sr.	Code	Course Name	CH	Category	School
13	NSFN102	Disease prevention Through Nutrition	3	Natural Sciences	Food and Nutrition

This course will enable students to identify critical nutrients related to various diseases or conditions. Understand disease prevention guidelines for the major chronic diseases and Explain role of diet in the prevention of major nutritional disorders.

Sr.	Code	Course Name	CH	Category	School
14	NSBC101	Chemistry of Life	3	Natural Sciences	Biochemistry

This course provides fundamental concepts of biochemical basis of life, which focuses upon the major macromolecules and chemical properties of living systems. Primary topics include the structure, properties and functions of amino acids, proteins, carbohydrates, lipids and nucleic acids. Through successful completion of this course, students will be able to understand biochemical basis of life, and acquire basic knowledge of biomolecules.

Sr.	Code	Course Name	CH	Category	School
15	NSFT102	Food Safety and Health	3	Natural Sciences	Food Science and Technology

This course will enlighten the students regarding food safety, hazards involved in various foods along food chain. Effect of harmful food components on human health and its consequences. Personal hygiene as well as food safety and quality control standards.

Sr.	Code	Course Name	CH	Category	School
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16	QRCS101	Computing Fundamentals	3	Quantitative Reasoning	Computer Science
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This is an introductory course in basic computing theory and practice with a special focus on developing an understanding and appreciation of the various applications of computers and information systems. Emphasis is placed on learning about technologies both contemporary and those still at the prototype stage in order to develop an understanding of how business needs drive the development process. Main objective of this course is to build an appreciation for the fundamental concept in computing and to become familiar with popular PC productivity software. The course also aims to equip students to learn various other useful skills such as Understanding basics of computing technology, do number systems conversions and arithmetic, knowledge of types of software and hardware, knowledge of computing related technologies and computer troubleshooting.

Sr.	Code	Course Name	CH	Category	School
17	QRMT111	Exploring Quantitative Skills	3	Quantitative Reasoning	Mathematics

Since ancient times, numbers, quantification, and mathematics has played a central role in scientific and technological development. In the 21st century Quantitative Reasoning (QR) skills are essential for life as they help to better understand socio-economic, political, health, education, and many other issues an individual now faces in daily life. The skills acquired by taking this course will help the students to apply QR methods in their daily life and professional activities. This course will also change student's attitude about mathematics. It will not only polish their QR skills, but also enhance their abilities to apply these skills.

Sr.	Code	Course Name	CH	Category	School
18	QRST101	Statistics for Beginners	3	Quantitative Reasoning	Statistics

This is an introductory course in statistics designed to provide students with the basic concepts of data analysis and methods that emphasizes understanding the principles of data collection and analysis rather than theory. Topics covered include basic descriptive measures, graphical presentations, indices and simple correlation. This course can help students to find answers of real problems associated with scientific, social researches, business manufacturing and mathematical foundation for machine learning and data mining.

Sr.	Code	Course Name	CH	Category	School
19	QRST102	Essentials of Statistics	3	Quantitative Reasoning	Statistics

This course provides students with a basic understanding of statistics and prepares them to solve problems that involve collecting and analyzing meaningful data. Sampling techniques,

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parameter estimation, and hypothesis testing. Technology and statistical literacy will be integrated throughout the course.

Sr.	Code	Course Name	CH	Category	School
20	QRMT112	Tools for Quantitative Reasoning	3	Quantitative Reasoning	Mathematics

Students will be introduced to importance of mathematical skills in different professional settings, social and natural sciences. These quantitative reasoning skills will help students to better participate in national and international issues like political and health issues. This course will prepare the students to apply quantitative reasoning tools more efficiently in their professional and daily life activities. This course will help them to better understand the information in form of numeric, graphs, tables, and functions.

Sr.	Code	Course Name	CH	Category	School
21	QRCS102	Essential Computing Skills	3	Quantitative Reasoning	Computer Science

This is an intermediate course in Computer Science designed for beginners. Apart from leading the participants through a brief history of computing, the course also develops a feel for essential concepts through a series of lectures that help the students develop their own computing skills. Main objectives of the course are based on building an appreciation for the fundamental concepts in computing and to achieve a beginner's proficiency in internet expertise. The students after this course will become familiar with popular productivity tools and techniques.

Sr.	Code	Course Name	CH	Category	School
22	SSIE101	Banking Operations	3	Social Sciences	Islamic Economics, Banking & Finance

Students will learn the importance of money and interest, negotiable instruments, mortgages, commercial lending, and the role of banking in today's economy. This course combines hands-on activities, examples from news-making companies, and creative special features to bring the content to life and help students bridge the gap between classroom and real world applications.

Sr.	Code	Course Name	CH	Category	School
23	SSEC101	Epitome of Economics	3	Social Sciences	Economics

An introduction to basic economic terms and concepts, such as scarcity, choice, resources, opportunity cost, markets, incentives, prices, competition, employment, inflation, growth, output and changes in business activity. Special emphasis is given to understanding how these concepts are applied and influenced by choices which individuals and organizations

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face every day. This course is designed to introduce key microeconomics and macroeconomics concepts and techniques applicable as tools for rational economic decision making within the micro and macro framework. The course aims to demonstrate the relevance and usefulness of economic analysis to real world situations.

Sr.	Code	Course Name	CH	Category	School
24	SSCJ101	Environmental Criminology	3	Social Sciences	Criminology & Criminal Justice System

The course introduces students to the developing area of criminological solutions to environmental problems. Issues addressed include: the nature of environmental offenders and victims, the variety of approaches to achieving environmental justice, and criminal justice solutions to specific environmental problems.

Sr.	Code	Course Name	CH	Category	School
25	SSED101	Education and Social Change	3	Social Sciences	Education

This course is designed to provide an opportunity to develop awareness about linkage between education and community. This course includes wider issues including culture, gender, special needs, equity, equality and collaborative working conditions within the society and the role of education in social development.

Sr.	Code	Course Name	CH	Category	School
26	SSHS101	Ancient Civilization	3	Social Sciences	History & Pakistan Studies

The study of ancient civilizations focuses on the culture, religion, art, language, and philosophy of ancient times from approximately 2000 BCE to 600 CE. Students learn about the contributions of the ancient world to life in the present and future. The curriculum focuses on ancient art and history, ancient philosophy or religion, and classics of the various civilizations like Indus, Mesopotamian, Greek and Roman etc.

Sr.	Code	Course Name	CH	Category	School
27	SSIR101	Issues of Modern World	3	Social Sciences	International Relations

Issues of modern world is a course designed to engage and prepare students to analyze governments, people and cultures from around the world. Instruction will begin with some basic knowledge and understanding of past history. It will then emphasize on the structures and policies of the United States and how they compare to other systems in the international community. Students apply critical thinking and research skills to examine current events

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and contemporary issues, including human rights, globalization, America’s role in the international economy, environmental issues in different regions, religion and how it is often used to facilitate and justify violence and behavior, “War on Terror” and more.

Sr.	Code	Course Name	CH	Category	School
28	SSLS101	Information Library & Society		Social Sciences	Library & Information Sciences

Explores major issues in the library and information science professions as they involve their communities of users and sponsors. Analyzes specific situations that reflect the professional agenda of these fields, including intellectual freedom, community service, professional ethics, social responsibilities, intellectual property, literacy, historical and international models, the socio-cultural role of libraries and information agencies and professionalism in general, focusing in particular on the interrelationships among these issues.

Sr.	Code	Course Name	CH	Category	School
29	SSMC102	Digital Media and Globalization	3	Social Sciences	Mass Communication

This course is designed to develop the understanding of students about the importance and need of digital media. Global politics over global communication environment changed the dynamics of International Communication. After the completion of this course students will learn various aspects emphasizing on International Communication through digital media and globalization. Emerging perspectives, Cultural Communication and how industrialized countries having a monopoly over hyper-reality and how it shapes the global communication. To enable students to produce right messages at the right time for the right audience and on the right social media platforms to be able to understand the evolution of social media platforms.

Sr.	Code	Course Name	CH	Category	School
30	SSPT101	Islam, Peace and Counter Terrorism	3	Social Sciences	Peace and Counter Terrorism Studies

This course will analyze the notions ‘terrorism’ and ‘counterterrorism’ and will demonstrate the Islamic perspective on peace and counterterrorism. There will be a comparative study of the works of contemporary Islamic scholars on peace and counterterrorism with research works of western scholars. This course provides an overview of peace theories and counterterrorism strategies and gets a closer look of the governance and political system of Islam. The subject also provides in-depth analysis of the constitution of Medina and political examination of peace treaties and interstate agreements.

Sr.	Code	Course Name	CH	Category	School
31	SSPO101	Politics and Society	3	Social Sciences	Political Science

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The course covers foundational issues related to Politics and Society, examining questions such as: How should role of political figures in the society and how a society distribute its resources for development of political system?

This course aims to explore some of the great debates about the relationship between politics and society. It will examine the interaction between political institutions, economic interests and socio-cultural ideas, especially in societies that are both democratic and non-democratic. This course provides knowledge and techniques of the study concerning main concepts related to the “Politics and Societies”. It is designed to enable the students to understand, evaluate and analyze the Politics and Society and Role of Political figures in the social and economic development of the society. The course is primarily about developing a broadly applicable and extensive purview of political process in the society. process. Beside the lectures, the students will take part in the debates in order to develop their knowledge and generate their own ideas in the context. The course is included discussion on role of politics in the society, specially main political considerations in the development of the society.

Sr.	Code	Course Name	CH	Category	School
32	SSRP101	The Wisdom of World Religion	3	Social Sciences	Religion and Philosophy

The first few sessions of this course aim to give students an overview of recent major developments in world history, such as the development of science and technology that have had an enormous impact on the way the most important questions of human life are understood and formulated today. Keeping these historical developments in mind, the course will go on to examine a variety of human and social issues from the perspective of different world religions. Although the issues raised in this course are of a general or universal nature, each world religion has in its own unique way of responding to them. The overall aim of this course, therefore, is to expose students to the wide variety of religious responses that have been made to these issues.

On completion of this course, students will have a deeper appreciation of the teaching of the different religious traditions concerning the basic issues faced by all human beings. They will be able to recognize and understand similarities as well as differences between these various religious responses. Since these issues will be dealt with according to the perspective of each of the world religions, students will acquire the ability to discuss the views of each world religion without making an evaluative judgment as to which is the more correct response. In fact, as the course proceeds, students will learn to recognize their own presuppositions and prejudices regarding other religious traditions as well as the limitations of their knowledge about the profound wisdom contained in each of them.

Sr.	Code	Course Name	CH	Category	School
33	SSSO111	A Science of Society-I	3	Social Sciences	Sociology

The study of social sciences encompasses a broad and diverse range of concerns of the society, including history, geography, economy, sociology, political science, and others. It is

not only necessary due to its wide application across disciplines in today's world but also because it lays the foundation for developing a critical and analytical mindset.

By equipping the students with the critical and analytical tools and the necessary knowledge and skills required, the study of social sciences leads to the development of responsible and reflective members of society. Such community members are equipped with tools to address the local and global concerns of human culture. Social Scientists can play a pivotal role in addressing some of the biggest challenges faced by the world at large hence it is of utmost importance that students are encouraged to critically analyze the existing structures and systems and come up with new ideas.

Sr.	Code	Course Name	CH	Category	School
34	SSBM101	Modern Business World	3	Social Sciences	Business & Management Sciences

The motives of this subject is to orient students about the norms, fundamental requirements to start business and technical terms to understand business and its environment. This course will focus on the understanding of working environment, factors influencing business decisions and different production systems. The subject will provide a practical experience on the techniques and terminologies needed to increase students' familiarity with key components of the business and responsibilities performed by the shareholders. It aims to allow them to effectively communicate with a broad cross section of other organizational stakeholders using established mechanisms and methods.

Sr.	Code	Course Name	CH	Category	School
35	SSCA101	Financial Literacy	3	Social Sciences	Commerce & Accountancy

With the evolution of the financial markets of Pakistan, awareness about it has become need of the hour. Developed and written in context of Pakistan's financial eco-system, this course elucidates matters related to the various avenues of investment available within the banking and non-bank financial sector. This course will help students to develop their financial literacy skills. Financial literacy refers to the skill of a person in handling financial and commercial matters, such as in relation to earning, spending, saving, borrowing, investing, buying, selling, budgeting and planning.