

X- List of University Requirement Courses Offered by the Faculties

A- UNIVERSITY REQUIREMENT MANDATORY COURSES

ARAB 001-ARABIC LANGUAGE - مادة اللغة العربية: متطلباً جامعياً (2Cr.:2Lec):

هذا المقرر متطلب جامعياً يقدم للطالب اللغة العربية بإطار وظيفي تطبيقي من حيث هي وسيلة تواصل وتعبير، ليقبته على صلة وثيقة بلغته الأم فكرياً وعملياً؛ فيعني بتعزيز ثقافة الطالب الأدبية واللغوية، ويتطوير مهاراته اللغوية الأساسية في مجال القراءة والكتابة والتحدث، من خلال تعرضه لنصوص لغوية ذات موضوعات وأنواع مختلفة، يحل الطالب أفكارها، ويتنقذ النواحي الجمالية فيها. وينمي التفكير النقدي، والقدرة على حل المشكلات.

ENGL 001-ENGLISH LANGUAGE - اللغة الانكليزية (2Cr.:2Lec): A general course that enhances language skills and provides coverage of basic grammar, vocabulary, reading, and writing for foundation students. It deals with basic competence in reading, through exercises on getting main ideas, guessing meaning from context, understanding details, predicting and inferencing. Writing development from paragraph to composition, proceeding through writing and developing of topics sentences, supporting sentences and paragraph writing is the focus of the course. Writing and reading build vocabulary through exercises and dictionary use and cloze exercises. The latter develop grammar where the use of nouns, verbs, adjectives and adverbs, transition signals, the reconstructing of sentences and main and subordinating clauses is practiced.

FREN 111-LANGUE FRANÇAISE - FRENCH LANGUAGE (ALTERNATIVE COURSE) - اللغة الفرنسية (2Cr.:2Lec): L'objectif de l'enseignement de la langue française est d'apprendre à communiquer en français oralement et par écrit, maîtriser progressivement le fonctionnement de la langue et acquérir des savoirs culturels. On proposera des techniques et des stratégies qui facilitent l'apprentissage et mènent graduellement l'apprenant à une certaine autonomie. L'apprentissage est orienté vers tous les aspects de la communication. Il s'appuie sur des éléments concrets, grâce à la référence constante aux documents proposés. (Open only for Arabic & English majors).

BLAW 001-HUMAN RIGHTS – حقوق الإنسان (1Cr.:1Lec): This course aims at introducing students to the principles of human rights and its foundations. The importance of human rights in our societies, not only from a theoretical point of view but rather more from a practical one, is highlighted. Special attention is given to certain global themes on human rights, which touch on critical topics related to our society. It also covers the following topics: Human rights, key values of human rights & other values, characteristics of human rights, history of human rights, some problematic cases, the evolution of human rights, the implementation of human rights and NGOs, human rights in Lebanon, children, citizenship, democracy, discrimination and xenophobia, education, and gender equality.

B- UNIVERSITY REQUIREMENT ELECTIVE COURSES

1- HUMANITIES

a - Languages:

FREN 001 – LANGUE FRANÇAISE

Le cours s'inspire largement des propositions du CECR. Il propose l'acquisition d'une compétence de communication à l'oral et à l'écrit. Partant d'une phase de compréhension globale de documents écrits et oraux, on procédera à un travail d'appropriation par des activités de systématisation en contexte, des exercices de réinvestissement des acquis en compréhension et en production, à l'oral et à l'écrit.

Le cours implique de la part de l'apprenant un travail sur le lexique et la grammaire. Les consignes des exercices sont simplifiées de façon à faciliter l'autonomie des étudiants dans la réalisation des activités et des tâches. Les compétences acquises préparent l'apprenant au passage du niveau A2 du DELF.

Le cours répond aux besoins de l'ère actuelle informatisée et à la tendance en faveur de l'éducation en ligne.

FREN 002 – LANGUE FRANÇAISE 2

Le cours s'inspire largement des propositions du CECR. Il propose l'acquisition progressive d'une compétence de communication générale, de savoirs et de savoir-faire variés. Il implique de la part de l'apprenant un travail plus approfondi sur le lexique et la grammaire. Les compétences acquises préparent l'apprenant au passage du niveau B1 du DELF.

Le cours tient compte de l'état du monde plurilingue et pluriculturel. Il vise à donner des informations pertinentes sur la vie en France pour réfléchir plus généralement aux questions de société et des relations entre les personnes.

Le cours répond aux besoins de l'ère actuelle informatisée et à la tendance en faveur de l'éducation en ligne.

SPAN 001 – SPANISH LANGUAGE

Spanish 001 is a broad based course designed to introduce the student to all aspects of foreign language study. Grammar, reading, writing, speaking, and listening skills are included. Cultural information is provided and taught throughout the duration of the course. Students will do research on various cultural topics. This is achieved by groups, partners and individual practice dependent on the subject. Emphasis is placed on conversation, vocabulary and correct usage of the language. Correct pronunciation and oral proficiency are primary goals. This requires a daily emphasis on listening and speaking. The classroom experience will provide an appreciation and development of cultural awareness through various readings, media resources and authentic materials.

ITAL 001 - ITALIAN LANGUAGE

This course introduces the fundamental elements of the Italian language within a cultural context. Emphasis is on the development of basic listening, speaking, reading, and writing skills. Upon completion, students should be able to comprehend and respond with basic Italian grammar as well as demonstrate cultural awareness.

ARBA 002 - الكتابة الإبداعية

إن هذا المساق يؤمن للطلاب فرصة الاطلاع على الأشكال الفنية المختلفة من الكتابات الأدبية، بالإضافة إلى تمكينهم من تطبيق المهارات التي يتعلمونها في الكتابة الإبداعية كي يتكون لديهم أسلوبهم الخاص.

ARAB 003 - فن المقالة

هي فن نثري يتناول قضية من القضايا في شؤون المجتمع، والأدب، والفكر، والثقافة، والعلوم، والسياسة، والدين، والتأمل، والوجدان أو غير ذلك، وتتضمن رأي الكاتب في تلك القضية ورؤيته الخاصة لجوانبها المختلفة ويهدف مساق فن المقالة إلى الكشف عن جوانب هذا الفن نظرياً وتطبيقياً وتحليلياً، وتبيان أهميته. ولكونه أقرب فنون النثر الحديث إلى الحياة العربية، فإنه انعكاس لكل جديد يطرأ على المجتمع، ويعبر عنه. سيعالج هذا المساق المقالة في طورها الحديث في الأدب الغربية وفي الأدب العربي الحديث سيساعد المساق الطلاب في التعمق في هذا الفن، ومنحهم فرصة التعبير عن مشاعرهم وآرائهم ومواقفهم من خلال الولوج في أعماق الموجودات لمعرفة مكوناتها والاطلاع على معانيها، ثم الانتقال إلى ترجمة ذلك الحس الشفوي إلى (لغة مكتوبة) كي يتكون لديهم أسلوبهم الخاص، بالإضافة إلى تنمية ذائقتهم النقدية البناءة

b- History

HIST 002 - HISTORY OF LEBANON

The historical events that Mount Lebanon, which has a special political situation (emirate), passed through, then subjecting the mountain to the Ottoman rule through sectarian strife - the role of feudalism, the linkage of sectarianism with politics in the nineteenth century, and the follow-up of confusion between religion and politics until the present time

HIST 004 - MODERN AND CONTEMPORARY ARAB HISTORY

Beirut Arab University considers it necessary for students to follow up on the history of the modern Arab world which fluctuated between the concept of the Arab world as a whole and the concept of a narrow regional homeland, and therefore, is there one Arab homeland, from the ocean to the Gulf, or the concept has changed to narrow the identity to become a long-term slogan

HIST 005 - CONTEMPORARY HISTORICAL ISSUES

This course is concerned with contemporary historical issues (contemporary Lebanese issues as an example) and is considered one of the important materials for enriching the university student with contemporary historical culture, especially Lebanese issues. While Beirut Arab University is interested in teaching modern and contemporary history of Lebanon, we find that many university and pre-university educational institutions neglect the history of Lebanon. Hence the importance of the role of Beirut Arab University in teaching students the national history of Lebanon, because it does not make sense for the new Lebanese generation not to study the history of its homeland from a scientific premise. In addition, this course gives the student a high education on the historical roots of contemporary Lebanese issues and enriches his knowledge and culture.

HIST 007 - HISTORICAL ARCHIVES AND MANUSCRIPTS IN LEBANON AND THE WORLD

In this course, students will get acquainted with the importance of the archive as it is considered the memory of the homelands because if the origins are lost, history will be lost. Students will also learn about the importance of documents and how to analyze and examine a manuscript and a document to extract historical facts from them (students will be provided with a large collection of French and American foreign documents available in our library to do research on specific topics in those documents). Students will also get acquainted with the most important local, Arab and international archive centers and their roles ... They will be motivated to use the global electronic library to obtain published documents for them to present, explain and analyze during the lecture.

HIST 008 - ISLAMIC CIVILIZATION

In this course, students will get acquainted with Islamic civilization and monitor the stages of development in different ways of life and sciences in addition to the Arab and Muslim contributions in the scientific and cultural fields and their contributions to various sciences. The impact of Islamic civilization in the West will also be addressed in order for students to benefit from the lessons of the past and employ them in their understanding of the present and the establishment of the future.

This course will take advantage of the diversity of university specializations available for our students as each student will be requested, according to his/her specialization, to carry out research explaining the role and importance of Arab-Islamic civilization in the development of various sciences. For example, architecture students will prepare research on Islamic architecture and its spread. Also, medical and business students will conduct research on the administrative and financial system and divans in different Islamic eras as well as the calculation system. Same applies to the rest of disciplines at BAU. Researches will be presented during the lecture in an interesting scientific and competitive atmosphere among students to present the best, leading to a fun cultural atmosphere that benefits all students.

HIST 013 - ARAB STATE HISTORY

The need for BAU students to know the history of the Arabs before Islam, the emergence of Islam, the changes taking place in the Arabian Peninsula, the transition from Pre-Islamic era to civilization - the expansion of peace and their conquests in the Levant and Maghreb - by merging the study with the emergence of advocacy, the establishment of a civil state after immigration and invasions, and the era of the caliphs and their conquests until the emergence of State of the Umayyad.

HIST 017 - تاريخ العلوم والتكنولوجيا عند العرب -

تعتبر مادة تاريخ العلوم والتكنولوجيا عند العرب من المواد الاساسية والمهمة لانها تسلط الاضواء على نتاج المبدعين العرب في مختلف ميادين العلوم والتكنولوجيا ومن بينها الطب والصيدلة والهندسة والعمارة والفيزياء والكيمياء والرياضيات والموسيقى وعلم النفس والتاريخ والجغرافيا ومختلف العلوم البحتة والعلوم النظرية التي لم يقتصر أثرها على الولايات العربية والاسلامية وانما انتقلت هذه العلوم الى اوروبا بفضل العلماء العرب الذين كان لهم الفضل في تحول اوروبا من الجهل والتخلف الى عالم الحضارة والمعرفة والرقي

HIST 018 - تاريخ الحضارات -

وهي من المواد المهمة التي تسلط الاضواء على تاريخ الحضارات القديمة والوسطى سواء في الشرق او الغرب. ان هذه الحضارات تمثل مهد الحضارة البشرية نتيجة للتفاعل بين الشعوب والامم والتي كان لها الفضل المستمر حضارياً الى التاريخ الحديث والمعاصر. لقد كان للحضارات القديمة شأن كبير في الحياة العلمية والسياسية والاقتصادية والاجتماعية ومن بينها على سبيل المثال لا الحصر : الحضارة المصرية وحضارة بلاد ما بين النهرين والحضارة الفينيقية والحضارة الهندية والحضارة اليونانية والحضارة الرومانية والبيزنطية والحضارة العربية وسواها

C- Mass Communication

MCOM 002 - PUBLIC RELATIONS

This course aims to introduce the students to the concept of public relations, their origin, and importance in different societies, as well as their basic functions (data collection and research - planning - production or communication - evaluation). Students will also learn about public relations and crises, and the use of public relations for communication technology.

MCOM 003 - COMMUNICATION SKILLS

The course aims to introduce students to the concept and importance of communication, the elements of effective communication, and the principles as well as some forms of communication in general. The course also familiarizes students with the different forms of written communication, the skills of effective communication, and the obstacles that hinder communication and how to overcome these. The course hence aims at developing students' abilities and skills in using various forms of communicating with others, focusing in particular on the use of body language in enhancing persuasiveness. Students also learn how to write a CV, the basic principles of conducting a successful interview, how to communicate in contexts of social/cultural diversity and how to communicate within groups.

MCOM 004 - PUBLIC OPINION

The course provides the students with the definition of public opinion, the development of public opinion, the focus on public opinion in democratic and developing societies, the types of public opinion, the impact of public opinion on policy making, the relation between the social institutions and public opinion, public opinion polls and public opinion research.

2- SOCIAL SCIENCES

a-Psychology

PSYC 001 - PSYCHOLOGY OF LEARNING

The course develops the student's knowledge of the theoretical framework of major topics in Psychology of Learning, thus it will include: fundamental learning concepts, importance of learning, the main variables and conditions affect in learning, Individual differences and its impact on learning, role of motivation in learning, learning theories (Pavlov, Thorndike, Skinner, Tolman, Gestalt and Bandura). The educational curriculum as an organizer for the learning process, transfer of learning, and educational applications on learning.

The course aims to demonstrate theoretical knowledge, practical skills, personal attributes and competencies that will be required for Psychology of Learning. Also, it aims to explain analytical, developmental, legal, managerial and technical principles relevant to Psychology of Learning.

PSYC 002 - SOCIAL PSYCHOLOGY

This course introduces the scientific study of human society, history of social psychology and its development, culture, and social interactions. It focuses on methods of research in social psychology, socialization and its impact on personality, attitudes, values and norms, group dynamics, adjustment, conflict and its resolution, leadership and some social issues relevant to social psychology (globalization, crime, social media ...)

The course aims to provide students a critical understanding of human behavior in its social context to reveal how one's feelings and actions can be influenced by other people, processes of human interaction and the social influences. It demonstrates an ability to initiate and sustain in-depth research relevant to Social Psychology.

PSYC 003 - EDUCATIONAL PSYCHOLOGY

The course explores the major theories and principles of educational psychology, it will include : concept, domains and objectives of educational psychology, main principles of teaching, theories of learning, growth characteristics, educational objectives, models of teaching, cognitive processes as: critical thinking, creative thinking and problem solving, individual differences, classroom management, and educational measurement and evaluation.

PSYC004 - POSITIVE PSYCHOLOGY

Positive psychology calls for as much focus on strength as on weakness. Psychology is not only the study of human weakness and damage. It is also a study of aspects of strength, optimism, happiness, hope and resiliency. This course reviews the history of positive psychology and introduces the study of topics related to happiness and the positive aspects of human experience. Therefore, the area of positive psychology emerged to identify and enhance the human strengths and virtues that make life worth living and allow individuals and communities to thrive. Positive psychology can be delineated into three overlapping areas of research: Pleasant Life, Good life, and Meaningful Life.

The course aims to instil in students the positive part of psychology and understand impact of positive variables on well-being.

PSYC 005 - PSYCHOLOGY OF MANAGEMENT

The course develops a critical understanding of management and organization. It focus on the theory and fundamental concepts of management including planning, organization, decision-making, organizational change and development, management structure, management environment, ethics of management, motivation, administrative personality, leadership, educational administration and school management, human resources management, adjustment and management, self-management , time management, communication and management.

The course aims to develop student's critical thinking and understanding of management in organizations and institutions.

PSYC 006 - PSYCHOLOGY OF SPECIAL NEEDS

The course develops a critical understanding of children with special needs, individual differences, mental disabilities, learning difficulties, and gifted and talented children. Also the course deals with methods of assessment and evaluation of individuals of special needs.

b. Sociology

SOCI 001 - PRINCIPLES IN PSYCHOLOGY AND SOCIOLOGY

Introduction to Sociology: This course addresses the basic concepts in sociology, its definition, the most important areas of its interest, its relations with other social sciences, and how to study different systems and institutions such as the family, the educational system, as well as the political, economic, and the various theoretical approaches to understanding social reality.

Introduction to Psychology: This course is concerned with introducing the students to the concept of psychology, its most important fields, and its importance in daily life. It also deals with the relationship between psychology and various sciences such as social and medical sciences, as well as identifying the professional differences between the psychologist, the psychiatrist, and the psychoanalyst. The course also includes the importance of perception in our daily life and how it affects the behavior of the individual, the role of memory in the learning process and how to improve it as well as the causes of forgetfulness. It also addresses intelligence, its most important determinants, nature and methods of development, in addition to emotions, personality, psychotherapy, and abnormal behavior.

SOCI 003 - MEDICAL SOCIOLOGY

The course includes the following topics:

The social and societal perspective of health and disease, the most important theories explaining health and disease, methodological approaches and research methods in medical sociology, the social construction of medical institutions, as well as health and development in developing countries and measures that societies take to prevent and respond to diseases.

SOCI 004 - SOCIOLOGY OF WOMEN

The course includes the following topics:

Definition of the sociology of women, modern theoretical trends in the interpretation of the role of women in society, social problems facing women and methods of treatment and prevention, the role of women in the family and the sociology of working women. The course also deals with a theoretical analysis of the woman, the origins, development, and globalization.

SOCI 005 - URBAN & RURAL SOCIOLOGY

The course covers the following topics:

The emergence and development of urban and rural sociology, their most important fields and their relationship to other social sciences, the most important urban and rural differences, modern theoretical trends in urban and rural societies, the role of agricultural economics in rural development and urban rural migration as well as their social and economic impacts, problems of the rural society, the emergence and development of the city, and the most important problems of the urban society.

SOCI 006 - SOCIOLOGY OF NEW COMMUNITIES

The course covers the following topics:

Introducing new societies, how they appeared, the factors and causes that led to their emergence, theoretical trends in studying new societies, factors of their success and failure, localization and new social values, the most important obstacles facing new societies and the role of new societies in development.

SOCI 007 - SOCIOLOGY OF DEVELOPMENT

The course includes the following topics:

The concept and dimensions of development, the concept of development and the related concepts of growth, change, evolution and modernization, in addition to the historical beginnings of the emergence of the concept of social development and the origin and development of the concept of development as the concept of the third world, the basic concepts in the study of development among sociologists, the concept of underdevelopment, the concept of dependency, awareness, and participation. The course introduces multiple approaches to understanding underdevelopment and progress issues.

SOCI 008 - FAMILY SOCIOLOGY

The course covers the following topics:

The most important theoretical trends and topics related to the development of the family, its change and its role in socialization, in addition to a detailed study on the reality of the family in various societies, especially Arab societies and their stability factors, as well as the most important problems they face and the mechanisms for facing these problems.

SOCI 009 - SOCIETY AND POLITICAL ISSUES

The course covers the following topics:

Study and analysis of some political issues and their impact on institutions, organizations and governments, different systems of government, problems of freedom, equality and pressure groups, as well as political forces, in addition to some issues such as political development, political awareness, and political participation in developing societies, democracy and political globalization.

SOCI 010 - SOCIOLOGY OF SPORT

The course includes the following topics:

Introduction to sports sociology, sports and socialization, social rises, culture and media, the most important social problems and how to address them as well as the future development of sports sociology.

3- LAW

BLAW 003-INTRODUCTION TO LAW - المدخل إلى القانون (2Cr.): The theory of the legal rule: characteristics, sources, classification and interpretation. The course also covers the theory of rights: Definition, classification, object of rights, and subject of rights.

BLAW 004-PRINCIPLES OF COMMERCIAL LAW - مبادئ القانون التجاري (2Cr.): The theory of trade acts, traders, trade house, commercial companies.

BLAW 005-PRINCIPLES OF MARITIME LAW - مبادئ القانون البحري (1Cr.): Regulation of ships, Marine Crew, Charter parties, Sea carriage of goods, Safety at sea, Marine insurance.

BLAW 006-PRINCIPLES OF LABOR & SOCIAL SECURITY LAW – قانون العمل والضمان الاجتماعي (1Cr.): Labor Contracts: Individual and collective Labor contracts, Occupational safety regulations, Regulation of disputes in relation to Labor contracts, Regulation of foreigners' rights in Lebanon.

BLAW 007-LAW OF PROFESSIONAL PRACTICES - قانون النقابات المهنية (1Cr.): Definition of professional practices, Common rules of professional practices, special rules of professional practices.

BLAW 008-INTELLECTUAL PROPERTY RIGHTS - حقوق الملكية الفكرية (1Cr.): Framework of regulation: Paris convention, Berne convention, and TRIPs Agreement. Regulation of the Intellectual property rights: Copyrights, Patents, Designs and Models, Trademarks, Integrated topographic designs, and know-how.

BLAW 009-CITIZENSHIP AND FOREIGNERS STATUS ومركز الأجانب الجنسية اللبنانية (1Cr.): التعريف بالجنسية اللبنانية ومركز الأجانب، إبراز القواعد القانونية العامة التي تعنى بالجنسية اللبنانية، تعريف الطالب بمفهوم الجنسية وتطور هذا المفهوم باعتبار الجنسية، المعيار الذي يتحدد به احد عناصر قيام الدولة وهو الشعب، دراسة الأحكام القانونية ذات الصلة انطلاقا من أهمية الجنسية بالنسبة للفرد، الدولة، داخليا – دوليا – انسانيا، دراسة أحكام الجنسية اللبنانية تفصيلا خاصة بالنسبة للشخص الطبيعي، دراسة دقيقة لقواعد كسب وفقد الجنسية، القضاء المختص بمنازعات الجنسية، معرفة ودراسة مركز الأجانب في لبنان، وعلاقة ذلك بمسألة تشجيع الاستثمارات الأجنبية في لبنان.

PLSC 001-PRINCIPLES OF POLITICAL SCIENCE - مبادئ العلوم السياسية (1Cr.): Origin of Political Science, Object of Political Science, Relation between Political Science and other branches of knowledge, Motion of state, Motion of Public Power.

4- BUSINESS ADMINISTRATION

BACC 001–INTRODUCTION TO ACCOUNTING (2Cr.:2Lec):

This course is designed for non-business students. Therefore, it introduces accounting in general, and then covers the basics of the financial accounting cycle for service and merchandising. This course includes an introduction to accounting and its branches, the use of financial accounting, different types of business, activities, legal forms of business organizations, the accounting equation, the recording process, preparing financial statements, and accounting for merchandising business.

BACC 003 - INTRODUCTION TO ACCOUNTING FOR SMES (2Cr.:2Lec):

This course is designed to discuss the financial accounting, basic issues related to measurement, reporting of financial statements, and disclosure issues related to current assets in SMEs.

This course aims to provide students with financial accounting issues. Upon completion of this course, students should be able to:

- A. Record transactions in SMEs
- B. Post in GL & prepare trial balance for SMEs
- C. Prepare Financial statements (Income statement, financial position statement and statement of cash flows) of SMEs

BMGT 001–INTRODUCTION TO MANAGEMENT (2Cr.:2Lec):

This course is designed for non-business students. This course provides students with an overview of the various management functions. Students are prepared to engage the entrepreneurial opportunities in the arts as small business owners and managers. Upon completion, students will possess the basic knowledge of managerial functions in the context of small and large corporations. Students must be able to use the basic managerial functions such as controls and set goals, provide leadership, and create an environment of clear strategic vision and analysis. Students will be able to recognize their own career paths in the business of the arts.

BMGT 002-ENTREPRENEURSHIP (2Cr.:2Lec):

In this course the student will learn the essential skills needed to start and manage a successful new business venture. Topics include: the challenge of entrepreneurship, building a business plan, marketing and financial issues with a startup company, and how to gain a competitive advantage.

BMGT 004 – HOTEL MANAGEMENT (2Cr.:2Lec):

This introductory course acquaints the student with the scope and complexity of the hospitality industry by exploring the national and global relationships of lodging, food, and beverage operations. The course examines career opportunities, organizational structures, history and human resource management. Students will examine trends, integrated technology and its effects on customer and guest service in requirements in the lodging and food service industry.

BECO 001–INTRODUCTION TO ECONOMICS (2Cr.:2Lec):

This course is designed for non-business students. The objective of this one semester course is to enable you to acquire an understanding of a few select microeconomic and macroeconomic principles that are a part of your everyday environment. This course will provide techniques for improved decision-making. Topics to be discussed include introduction to economics, market mechanism, elasticity, market structure, national accounts, aggregate expenditures and equilibrium national income, economic stability, inflation and economic growth. This course meets the core business requirements for economics, and may serve as a social science elective for most students.

BFSC 001–INTRODUCTION TO FEASIBILITY STUDY (2Cr.:2Lec):

This course is designed for non-business students. This course provides students with definition of an economic feasibility study, the relation between an economic feasibility study and economic development, the steps to do a pre-feasibility study, the detailed feasibility study (marketing, technical and engineering, financing, financial). Also this course helps the student to apply a feasibility study on small projects.

BMKT 001–INTRODUCTION TO MARKETING (2Cr.:2Lec):

This course is designed for non-business students. A beginners course in marketing which stresses on the marketing function's contribution to any organization. Topics include buyer behavior, products, and

channels of distribution, promotion, and pricing and social issues in marketing. Standard business and non-traditional aspects of marketing are explored.

5- SCIENCES AND ENVIRONMENT

HSSC 001- HISTORY OF SCIENCE IN ARAB WORLD (2Cr.:2Lec):

This course serves an introduction to the History of Science as a field of specialized study, as well as an exploration of key developments in the history of science in general. We will read and discuss texts falling under the following categories: 1) primary historical scientific texts (for example Aristotle, Euclid, Galileo), 2) contemporary analyses and critiques of such texts (such as Pingree, Saliba, Orhulik), 3) primary sources from different periods on both the philosophy of science as well as the history of science (such as Bacon, Popper, Kuhn), and 4) contemporary secondary sources of scientific texts (such as Dawkins). In this regard the course provides students with an understanding and familiarity with the different approaches and methodologies that fall under the broader category of History and Philosophy of Science and an understanding of history of science itself from ancient to modern times.

SCTH 001- SCIENTIFIC THINKING (2Cr.:2Lec):

Nature and postulates of scientific thinking, differences between sciences, pseudo-science and non science, characteristics of scientific thinking, Postulates of science, The thinking processes, Research methods in mathematical sciences, Research methods in natural Sciences, Defining Experimentation, The difference between experimentation & observation, Defining Problem solving, Defining creative thinking and Components of creative thinking, Decision making, Basics of brain storming.

PHYS 002– PHYSICS FOR EVERYDAY LIFE (2Cr.:2Lec):

Definition of physics- Physics timeline and famous figures of physics, Astronomy and cosmology (the origin and evolution of our universe (is there a life in outer space?), Atmospheric physics (Why is the sky blue-global warming), Vibrations and waves (resonance dangers and applications), Bio physics (the application of the physics in medicine), Simple relativity (understanding Einstein's special and general relativity using common sense), What is light? (wave versus corpuscular Aspects, Applications of the photoelectric effect), Sound waves (musical sounds and noise pollution), electric and magnetic fields (thunder storms-MRI) Understanding and analyzing a physics document (article or video or presentations).

PHYS003 - RADIATION SAFETY & AWARENESS (2Cr.:2Lec):

Radiation and Radioactivity Radiation Dose Unit and Terminology – Working with Radiation/ALARA – Biological Effects – Radiological Hazards – Detection and Measurement – Licensing/ Regulations and Operating and Emergency Procedures.

PHYS 006 - INTRODUCTION TO ASTRONOMY (2Cr.:2Lec):

Why Do Astronomy, Origin of the Universe, Evidence of Big Bang, Stars and Gas in the Milky Way, Dominant Geologic Processes? , Features of our solar System, How Did We Get a Solar System?, Early in the Life of Planets, Sun and Planets, Solar System, Asteroids, Meteorites, Comets.

BIOL 002 - GLOBAL WARMING (2Cr.): This course explores the science of climate change.

Students will learn how the climate system works; what factors cause global warming and how those factors interact; how scientists use models, observations and theory to make predictions about future climate; and the possible consequences of climate change for our planet. The course provides evidence for changes in ocean temperature, sea level and acidity due to global warming, as well as the impact of global warming on the living organisms.

ENVI 004 - ENVIRONMENTAL ISSUES IN LEBANON (2Cr.:2Lec):

This course will focus on providing a basic understanding of the major threats to Lebanon's environment including: Loss of biodiversity, effect of Littering and illegal garbage dumping on human health, dangerous effect of dumping waste water into Lebanese shore and Toxic Waste Dumping Ground and the lethal effects of Litani's polluted water on cultivated crops.

ENVI005 - ENVIRONMENT and NATURAL RESOURCES MANAGEMENT (2Cr.:2Lec):

The course embraces a variety of interdisciplinary topics focusing on concepts and principles related to natural capital, ecosystem services and resource management issues. It examines resources scarcity and consumption, environmental challenges and degradation, ecological sustainability principles and integrated management approaches. Role of governments and communities, environmental policy along with international collaborative efforts to address natural resources in the context of sustainable

development will be addressed. Specific cases studies and management questions on energy and mineral resources; water resources; food insecurity; forests and wildlife management; pollution and waste management; climate change adaptation and mitigation; and disaster risk reduction and management will be discussed.

MATH 005 -INTRODUCTION TO STATISTICS (2Cr.:2Lec):

This course covers the basic concepts in descriptive and inferential statistics relevant to decision making. The objective of this course is to help students develop statistical ways of thinking and reasoning, by providing some statistical tools for analyzing different problems. Topics include data analysis, probability, random variables, probability distributions which characterize and generalize statistical properties and an introduction about the regression analysis. Extensive use of statistical software package tools is used for representing and analyzing data (Mega Stat / SPSS).

BIOL004 - PRINCIPLES OF SUSTAINABLE DEVELOPMENT (2Cr.:2Lec):

This course introduces the concept of sustainable development at different geographical scales (local, national and international). The course will begin by analyzing the history of development and introduction of the United Nations 2030 Agenda for Sustainable Development with its 17 Goals (SDGs) to end all forms of poverty, fight inequalities and combat climate change. It will examine the relationship between SDGs challenges and sustainable approaches for solutions. Key challenges, including reduction of poverty, water resources and sustaining the earth's ecological integrity, among others, are analysed. Assessment of community vulnerability and resiliency development to the effects of climate change and process of identifying and understanding community needs to engage people into participating in achieving the aims of SDGs are addressed. Sustainable development indicators and the roles of communities, government agencies, private sector, international and national governmental organizations, and non-governmental organizations (NGOs) are discussed.

CHEM 001 - CHEMISTRY AND SOCIETY (2Cr.:2Lec):

This course is designed for students with no prior knowledge of chemistry and interested in obtaining a deeper understanding of the chemistry of everyday life. The course will provide a survey of basic concepts and applications of chemistry with emphasis on the role of chemistry in the real world in areas such as in environmental science, medicine, forensics, industry and technology. The course should raise awareness and promote the value of chemistry in our everyday lives.

CMPS 003 TECHNOLOGY LIFE SKILLS (2Cr.:2Lec):

This course walks through different hot subjects in the field of computer technology. Moreover, the course has a practical side in which it teaches students what aspects to look at when buying a new computer equipment or tablet. It also introduces them in a simple way to the newest technologies such as internet of things and artificial intelligence. Students will also be taught several online services which they can use to store and exchange files on the internet.

CMPS 004 INTRODUCTION TO DATA SCIENCE (2Cr.:2Lec):

This Data Science course will introduce students to this speedily growing domain and prepare them with some of its basic principles and tools. Students will learn concepts, techniques and tools they need to deal with different processes of data science practice, like data collection, exploratory data analysis, predictive modeling, visualizing, descriptive modeling, and effective communication

CMPS 005 – BULDING BASIC ANDROID APPS (2Cr.:2Lec):

Students will learn how to create functional mobile applications using MIT App inventor Environment. No prior programming skills are required. Students will learn to create apps of different complexity, from drawing apps, apps with text, apps with sounds, location-aware apps, and more. Throughout this course, students will learn how to be technology creators instead of technology consumers. Moreover, students will learn the use of lists, database, as well as the concept of event-driven programming and creating procedures in a simple manner. The course is given in a lab during which the students can practice the learned material and build their own apps using hands-on-experience.

Engineering

COME 001-CONTROL OF ACOUSTICAL NOISE POLLUTION (2Cr.:2Lec):

Sources of acoustical noise, acceptable levels of noise, different methods for noise control in buildings and factories.

POWE 001 ELECTRIC SAFETY (2Cr.:2Lec):

Hazards of electrical installations; basic approaches to working in a safe environments; minimum safety requirements for household appliances and industrial equipment; good wiring practices; installation and operation; harmful effects of electric current; working in wet environments; selecting proper protective devices; carrying out simple load calculation; emergency systems; electric safety regulations for homes, offices and health care facilities ; children protection, overview of electric codes adopted by Lebanese regulation authorities

MCHE 005- INTRODUCTION TO RENEWABLE ENERGY (2Cr.:2Lec):

History of Energy Technology, Thermal Energy, Green House Effect, Geothermal Energy, Heat Pumps, Solar Water Heating Systems, Photovoltaic Cells, Energy from Fossil Fuels, Hydropower, Tidal Power, and Wave Power, Wind Power, Life Cycle Cost.

MCHE 007 – PRINCIPLES OF AUTOMATIVE TECHNOLOGY (2Cr.:2Lec):

The course covers the following topics: Principle of automotive engine operation, engine parts and classifications, components of fuel injection & ignition systems, basics of automotive systems including brakes, steering, suspension, & engine startup, operation of engine cooling and lubrication systems, components of power transmission from engine to wheels, comparing specifications of sports and luxury cars produced by different manufacturers, four-wheel drive vehicles, cars with turbochargers, modern hybrid and electric cars.

CVLE 005- INTRODUCTION TO ENVIRONMENTAL STUDIES (2Cr.:2Lec):

Introduction to Environmental Fundamentals. Water: Properties – Resources – Quality – Pollution – Treatment. Air: Composition – Pollution. Soil: Properties – Pollution. Climate Change: Green House Effect – Impacts on water, soil, humans. Waste: Sources & Classifications – Management. Tools for Solving Environmental Problems.

CVLE 006- SUSTAINABLE ENVIRONMENTAL ENGINEERING PRACTICES (2Cr.:2Lec):

Introduction to Sustainability: Principles, Indicators, Frameworks, Challenges & Opportunities. Sustainable Environmental Engineering: Introduction, Laws & Regulations. Role of Engineers, Guiding Principles for Sustainable Development & Implementation, SEE Grands Challenges & Opportunities. Sustainable Engineering in Practice: Healthcare, Waste management, Agriculture, Water management and Transportation.

CVLE 007- TRAFFIC SAFETY (2Cr.:2Lec):

Fundamentals of Highway and Traffic – Introduction: What is Traffic Safety? - Human Factors in Traffic Safety- Economic costs of crashes and Value of Life- Crash Data Collection and Statistics- Traffic Safety Management :Analysis of crash data and “Before & After studies” – Road Safety Audit-Improving Traffic Safety.

CVLE 009- DISASTER ENGINEERING (2Cr.:2Lec):

Types of hazardous disasters: Atmospheric Disasters-sea disaster-fire disaster Earthquake Disasters - Hydrological Disasters – Landslides. Disasters detection and monitoring. Response and mitigation of disasters. Risk assessment and management. Design and Construction strategies. Economic aspects of disasters. Computer and Technology in Disasters.

CVLE 010- COMMUNITY BASED ENGINEERING (2Cr.:2Lec):

The course aims at the study and the investigation of humanitarian issues to develop solutions that ensure the well-being of marginalized people and disadvantaged communities while meeting the Sustainable Development Goals (SDGs). It focuses on the application of engineering practices to meet the needs of the community. The course introduces the main concepts for the assessment of problems affecting the well-being of societies with the focus on finding simple engineering solutions are affordable, sustainable, and based on local resources. It focuses on the concepts for assessment of infrastructure that supports the well-being and welfare of societies.

CVLE 011- INTRODUCTION TO ROAD SAFETY MANAGEMENT (2Cr.:2Lec):

The course provides the students with a global vision about various topics related to roadway safety. It aims at introducing the knowledge for the analysis and prevention of traffic accidents. The topics

include basics of efficient driving, road safety risk factors, fundamentals of road traffic injury prevention, influencing policies and strategies for prevention, analysis of road accidents, and the development of efficient safety cultures.

COMP 005- INTRO TO HEALTH INFORMATICS (2Crs.:2Lec):

Introduction to health informatics and its fields: biomedical informatics, public health informatics, consumer and informatics. Infrastructure and basic technological tools. Application of health informatics tools in public health. Emerging technologies.

COMP 008- PROGRAMMING (2Crs.:2Lec):

Basics This course introduces students to the craft of computer programming. the student will analyze problems; prepare flow charts ,and write, run, and debug structured programs. By the end of the course, the student will know how to build application program for medical, business, entertainment, and educational purposes.

INME 001- INTRODUCTION TO SYSTEM SIMULATION (2Crs.:2Lec):

Introduction to modeling methods and simulation tools for a wide range of applications in healthcare, services and production systems. Create simulation to formulate and model systems to predict, forecast and influence the future trend of a system.

INME 002- MATERIAL RECYCLING PROCESS (2Crs.:2Lec):

This course portrays the recent and emerging technologies in material recycling processes, including paper, plastics, glass, and metals. The course sheds light on recovery and collection techniques, as well as policy and economic implications.

6- ARTS

ARCH 001–PHOTOGRAPHY (2Crs.:1Lec,2Stu): Background and evolution of photography. Tools, techniques and theories of analogue and digital photography. Applications in architectural studies. Technical information, special effects and skills. Reproduction and communication of images. Treatment and processing. Demonstrations and assignments.

ARCH 002– HISTORY OF ARTS (1Cr.:1Lec): Tracing the evolution of arts through historical periods. Review of different movements and schools. Contexts, values, and cultural influences. Principal features, designs and characteristics. Analysis and comparative studies.

ARCH 003–INTRODUCTION TO MUSIC (2Crs.:2Lec): Musical Notes, Italian Terms: Terms connected with tempo (speed, or pace), dynamic markings, indicating volume or intensity, terms describing style, mood and expression, instruments of the orchestra and sample musical forms.

ARCH 005–BASIC OF THEORY OF COLORS (2Crs.:1Lec,2Stu): This course introduces a general information about color aspects, principles and vocabulary. It provides the knowledge of methods to develop and best utilize color regarding its influence on psychology of visual perception and monitor human response to color imagery affecting communication. The course leads to an optimum use of color that contribute in raising the general aesthetic taste.

FASD001- FASHION ILLUSTRATION (2Cr.: 1Lec; 2 Sec): This course introduces the techniques of fashion design sketches and illustrations. Students will learn how to sketch fashion figures, add garments, and hand-rendering of different materials using media like colored pencils and markers. Emphasis is on the fast sketching of models and garments with the rendering of different textures.

7- MEDICAL SCIENCES

PHAR 001–MEDICINAL HERBS (1Cr.:1Lec):

Introduction, historical background, classification of medicinal herbs, immuno-stimulant herbs, herbs used in the treatment of urinary, digestive, and circulatory systems diseases, medicinal herbs and addiction.

PHAR 002–HORMONES AND THEIR ACTIONS (2Cr.:2Lec):

Introduction, glands and neural components, homeostatic feedback mechanisms, pituitary gland, thyroid gland, parathyroid glands, pancreas, adrenal glands, ovaries and testes.

PHAR 003–MICROBIAL DISEASES (1Cr.:1Lec):

Principles of diseases and epidemiology, control of microbial growth, antimicrobial drugs (antibiotics), immunity (natural and acquired), selected diseases caused by bacteria, parasites, fungi, viruses and prions, and their control and treatment.

PHAR 004–DRUGS AND TREATMENT (1Cr.:1Lec):

Definition of a drug, types of drugs, herbal drugs, synthetic drugs, semisynthetic drugs, most commonly encountered diseases, and their control and treatment.

PHAR 005–COSMETICS (2Cr.: 2Lec.):

Topics will cover structure and functions of skin and hair, disorders of skin and hair, formulation and manufacture of cosmetic preparations, evaluation and testing of cosmetic products. This course will give the students background essential to deal with these products safety and on scientific evidence of their advantages. This information is also important for the better understanding and public counseling about choice and limitations of cosmetics.

PHAR 007–FORMS OF DRUGS (2Cr.:2Lec):

Knowledge about the formulation of different forms of marketed drugs commonly used by the public. Principle of the optimum storage conditions and the proper way for administration of different dosage forms. In addition to the information about non-prescribed drugs.

PHAR 008 - DRUGS AND ABUSE (2 Cr.) سوء استخدام الدواء والمخدرات

The course aims at elevating the informative and intellectual aptitudes of students facing phase provocations and threats. The course includes and introduction to drugs definitions and perceptions. The course familiarizes students with different types of drugs. It discusses the individuals need to drugs against drug misuse and abuse. The course debates different classes of abused drug, their actions and side effects.

PHAR 009 - WATER SECRETS AND LIFE (2 Cr.) أسرار الماء والحياة

The course aims at inspiring the intellectual and educational awareness of students concerning the importance and vital role of water in life. The course discusses the nature, characters, forms, resources, ecological concepts, pollutants, purification, quality, types, and functions of water. The course orients students to water-related careers, management and protection strategies for specific uses, governmental and citizenship involvement. The course directs students to the importance of water conservation.

PHAR 010 - CONCEPT, PRINCIPLES AND TOOLS OF LEADERSHIP (2 Cr.)

This course is designed to encourage students of various academic backgrounds and boost their leadership behaviours. Through a simple multi-step model, students will have the opportunity to discover the concept, definitions and theories of leadership. More importantly, this course will provide tools that help students develop a leadership style that is effective, authentic and sustainable in today's times.

**PHAR 011 - INTRODUCTION TO INTERPROFESSIONAL COLLABORATIVE PRACTICE
(2 Cr.)**

The course introduces students to the concept of interprofessional collaborative practice (ICP) that is crucial for fulfilling their future role as healthcare team members and for the successful execution of patient-centered care. The course will help students acquire and develop essential competencies such as team building, interprofessional communication, conflict managing, problem solving, shared leadership and ethical responsibilities.

Health Sciences:

NURS 001– FIRST AID (2Crs.:2Lec,0Lab,0Tut):

Dealing with various types of injuries caused by trauma or accidents as in disasters, war or fires, car accidents whether at home or field or streets. Thus can assess and help those in life threatening injuries, medical emergencies, and special situations as fractures, dislocation, poisoning, bleeding, burns, frostbite, etc. and have some principles of CPR for adult, infant, and child. (Not offered to Nursing students).

NURS 002– DISASTER MANAGEMENT (2Crs.:2Lec,0Lab,0Tut):

A guide to the basic components preparing individuals to provide health care under disaster conditions and to respond effectively in emergency situations. The student will be introduced to the principles of disaster preparedness and management, the common tasks consistent across all disaster responses, the key components of a disaster preparedness plan, health care systems frameworks for disaster response, impact of disasters, legal and ethical issues, and types of disasters and their causes.

NURS 003- CULTURE AND HEALTH (1Cr.:1Lec,0Lab,0Tut):

The course aims to provide university students with the basic knowledge to help understand one's own culture. It will also enable the students to realize, understand and appreciate other culture's norms and values as well as their effectiveness. This course tends to prepare students to be sensitive to sociocultural influences on health care and to improve their ability to evaluate health practices and beliefs.

NURS 004-TIME MANAGEMENT(2Crs.:2Lec,0Lab,0Tut):

This course is designed to help students to improve their time management skills, consequently their overall personal and professional effectiveness and efficiency. The course also enables students to integrate proven time management techniques to their daily processes. This course offers selected topics that can be of assistance to students in understanding time wasters, and in analyzing their pattern of behavior, and how to deal with it to achieve effective time management.

NURS 005-HEALTH PROMOTION (1Cr.:1Lec,0Lab,0Tut):

This course is designed to assist students identify the concept of health and illness, develop appropriate approaches to health promotion, enhance their knowledge and health related behaviors to improve their physical, mental, and psychosocial well-being in health and illness.

NUTR 001-PRINCIPLES OF NUTRITION (2Crs.:2Lec,0Lab,0Tut):

This course covers the nutritional aspects of carbohydrates, lipids, proteins, vitamins and minerals, their source, digestion, biological importance and recommended dietary allowances for different group. The course includes a simple description of nutritional disorders prevailing in the community.

NUTR 002-PRINCIPLES OF FOOD SAFETY (1Cr.:1Lec,0Lab,0Tut):

This course is designed to give students an understanding of the different transmitted to food and causing food borne illness and how it can be controlled through personal hygiene and safe handling of food in the kitchen. It focuses on hygiene controls at each stage along the food production through to the final consumption.

NUTR 003-NUTRITION OF THE YOUTH (2Crs.:2Lec,0Lab,0Tut):

The course discusses the functions and food sources of nutrients required for optimal health and development of youth, including protein, carbohydrates, fats, water, vitamins and minerals. The course focuses on the importance of nutrition in the provision of energy and growth, including development of bone density and blood production. The course also illustrates the impact of food behaviours on youth health and development as well as predisposition to chronic diseases.

PHTH 001–STRETCHING (2Cr.:2Lec,0Lab,0Tut):

This course will define the different types, indications, contraindications, precautions, factors affecting, principles of application, and major physiologic effects of flexibility training.

PHTH 002–BODY ERGONOMICS (2Cr.:2Lec,0Lab,0Tut):

This course covers basic knowledge concerning prevention of job related diseases from the mechanical point of view.

HESC 001- TOPICS IN ADDICTION (2Cr.:2Lec,0Lab,0Tut):

Addiction is a medical, psychosocial, and economic issue that affects the human population of every nation on earth. It severely disrupts bodily functions, ruins families and destroys societies. This course will introduce basic aspects of addiction and identify their toxic effects on the human body. In this course, students will explore how addiction develops, looking at the environmental, genetic and personal risks involved. They will also understand what happens when a drug enters the body and how it affects the brain, and how this process can make recovering from addiction a challenge. Substances like alcohol, cocaine, nicotine, sedative-hypnotics, cannabis, hallucinogens, opiates, and other substances causing health problems in our culture are identified and discussed. Emphasis on symptoms of use and abuse, and the treatment approaches for drug abuse and addiction.

HESC003 - INTRODUCTION TO PUBLIC HEALTH (2Cr.:2Lec):

The course will cover pressing health topics and their determinants like environmental hazards, maternal and child health, non-communicable disease, infectious diseases and food safety with emphasis on mechanism of health risk reduction from an individual perspective. The sustainable development goals related to health and wellbeing and environmental sustainability will be introduced while highlighting the multisectoral actions related to risk reduction in terms of health and environment at the community level. The students will be enlightened on their social role as professionals in health promotion. The course would increase the student's health literacy, social and personal awareness and professional connectedness with respect to health promotion.

HESC002 – PROFESSIONAL ETHICS (2Cr.:2Lec):

This course introduces the students to current issues in ethics. Students will learn to use ethical concepts and normative theory to analyze and appraise real-life scenarios, understand, articulate and defend ethically sound positions, engage critically and respectfully with opposing views. The ethics of several major professions such as Business Ethics, Media Ethics, Medical Ethics, Legal Ethics, and Research Ethics will be covered. Topics covered will also include: the nature of a profession, professional codes of ethics and confidentiality.

HESC 005 – INFECTION CONTROL & MANAGEMENT (1Cr.,1Lec):

This course describes the basic concepts of the standard precaution procedures that must be applied in every health care facility and laboratory to protect the health care providers, the patients and the laboratory workers .It also give the students good knowledge about the most common infections that could be acquired from the hospital environment to the patients or workers.

NUTR 321 – BREASTFEEDING BASICS (2Cr.,2Lec):

The course focuses on essential knowledge for health professionals to support breastfeeding. The ten steps for successful breastfeeding will be explored. The course will highlight steps to support breastfeeding initiation and maintenance of exclusive breastfeeding. The breast and infant oral anatomy will be highlighted as well the physiology of lactogenesis and milk composition. Assessment of evaluation of breastfeeding in terms of positioning, latching on and effectiveness of milk transfer will be covered. Potential Breastfeeding difficulties corresponding counseling will be highlighted. Maternal nutrition during breastfeeding as well support of breastfeeding during emergencies will be covered.

NUTR 333 – PRINCIPLES OF HEALTHY COOKING (2Cr.1Lec;2Lab):

The course focuses on introducing practical culinary skills for healthy cooking. It enables students to effectively participate in the development of healthy recipes for different health conditions as well as for general health without scarifying the taste and texture of the meals.

8- SOFT AND TRANSFERABLE SKILLS

MCOM 003-COMMUNICATION SKILLS - مهارات الاتصال (2Cr.:2Lec): Building a foundation, setting clear goals for your communication, determining outcomes and results, initialing communications, avoiding communication breakdowns, creating value in your conversations, translating across communication styles, listening for improved understanding, achieving genuine communication, cross-cultural communication, working constructively with emotions, dealing with anger, managing emotionally charged situations.

9- PHYSICAL EDUCATION (SPORTS)

PHED 001-BASKETBALL (2Crs: 8Lec):

The course covers the following topics: General introduction to Basketball, defence positions and attack skills, technical steps of chest pass, ball dribbling, Lay-Up skills, educational videos including international regulations, conducting friendly games, theoretical and applied exam.

PHED 001-VOLLEYBALL (2Crs:2Lec):

The course covers the following topics: Introduction to Volleyball, physical preparation, Ready-position and ball receiving techniques, High and Low ball passing, defensive wall technique, smash technique, Educational videos including international regulations, conducting friendly games, theoretical and applied exam.

PHED 001-HANDBALL (2Crs:2Lec):

The course covers the following topics: Introduction to Handball, special fitness exercises, ball handling and dribbling skills, defence and attack techniques, proper leg movement on ground and while jumping, goalkeeping skills, educational videos including international regulations, conducting friendly games, theoretical and applied exams.

PHED 001-BADMINTON (2Crs:3Lec):

The course covers the following topics: Introduction to Badminton, fitness preparation, racket handling, shuttlecock bouncing, back and front pass techniques, tennis court movement, multiple defence positions, ball handling next to the net, conducting friendly games, theoretical and applied exams.