



جامعة قطر
QATAR UNIVERSITY

Core Curriculum Program

Deanship of General Studies

Undergraduate Student Handbook:

Your Guide to the Core Curriculum Program

2021-2022





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“The theory of modern education is that you need a general education before you specialize. And I think to some extent, before you’re going to be a great stock picker, you need some general education.”

– Charlie Munger

Director’s Message



Prof. Rana Sobh

Director, Core Curriculum Program
Deanship of General Studies

It gives me great pleasure to welcome you to the Core Curriculum Program (CCP) Student Handbook.

The CCP consists of courses that all Qatar University (QU) students are required to take beyond their majors, as part of their degree requirements. The CCP has six packages and a curated selection of courses within each package that students can choose from according to their interest. Taking courses from outside their majors is crucial for students’ intellectual and personal growth; it helps them become well rounded and gain a broad perspective on life. For instance, an engineering student should be exposed to the field of humanities and social sciences to have a better understanding of oneself and society. For the same reason, a student majoring in history should have the opportunity to take science courses to understand the scientific laws that govern the universe.

In addition, the program strives to instill students with a common set of skills, values, attributes and competencies needed for academic and professional excellence. These include communication skills, ethics, responsible citizenship, digital information literacy, and entrepreneurial thinking. Our ultimate goal is to prepare students to become agents of change and lead the socio-economic development in Qatar and the region.

One of the first courses students would take in the CCP is UNIV100 Seminar. This course is offered to first-year students to acculturate them to the academic, social and emotional demands of university studies. This course is designed to ensure retention and successful degree completion.

I wish you success in your studies, future career and personal life.

Core Curriculum Program

What is Core Curriculum and what is its purpose?

The Core Curriculum Program (CCP) is a substantial component in all undergraduate academic programs offered by (QU). All undergraduates of Qatar University – regardless of their majors – are required to complete -33credit hours (11 courses) of Core Curriculum before receiving a baccalaureate degree.

The Core Curriculum Program at Qatar University is designed to help students develop the knowledge, skills, attributes and values they need to cope and succeed in an uncertain and ever-changing world. The program fosters academic success, intellectual growth, and responsible citizenship. The ultimate goal is to prepare well-rounded and engaged graduates who are able to bring about positive change in Qatar and beyond.

How can students fulfill the Core Curriculum Requirements?

The CCP degree requirements encompass a set of college-level courses drawn from different disciplines. These courses are organized and distributed into six packages:

A package is a collection of various courses unified under one theme. The CCP packages are: **Identity and Communication Package** (-18 15 Credits), **Social/ Behavioral Sciences Package** (3 Credits), **Natural Sciences and Mathematics Package** (3 Credits), **Humanities/Fine Arts Package** (0-3 credits), and **Core Knowledge and Skills Package** (0-6 Credits).

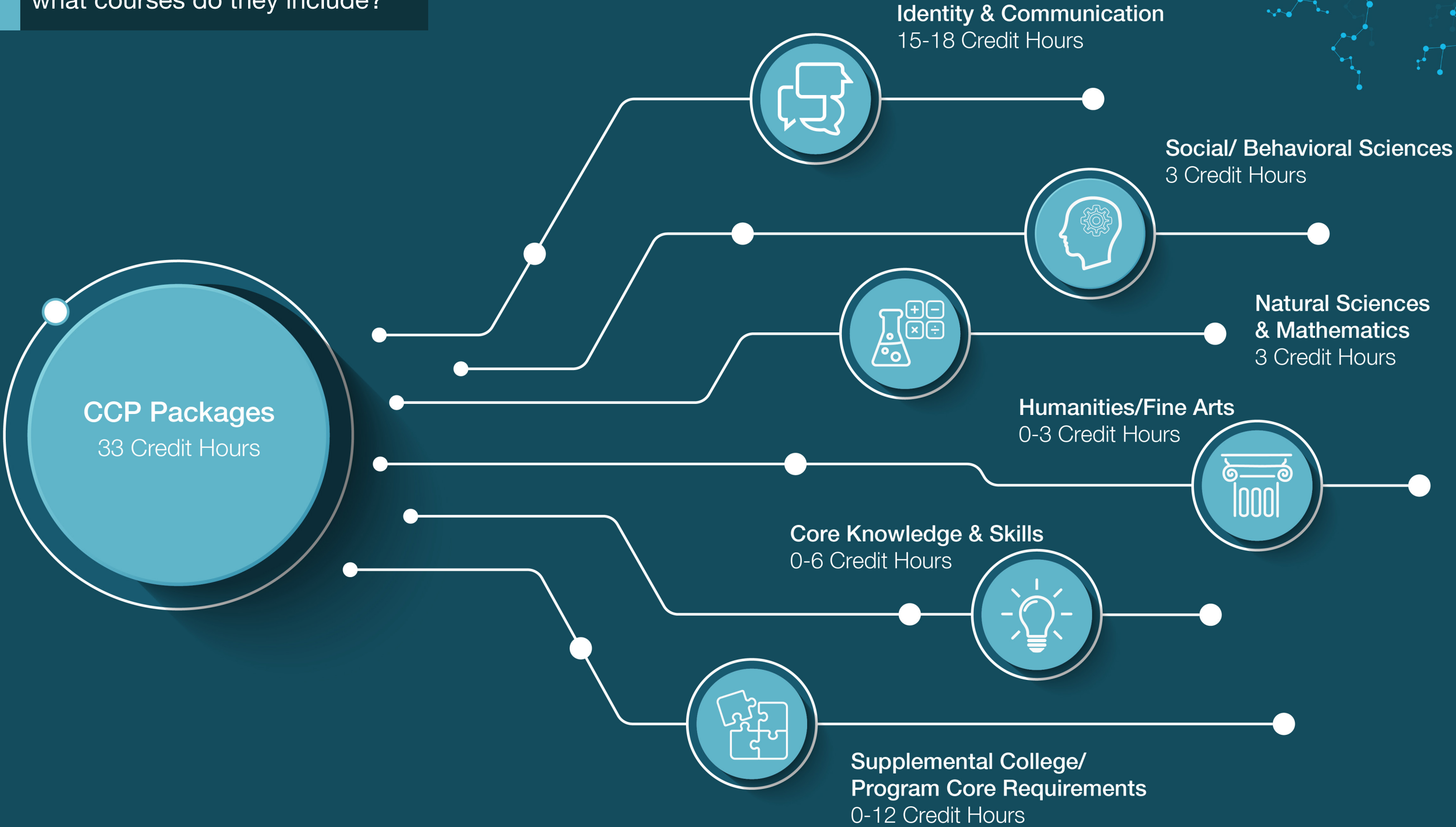
Moreover, in some study plans, depending on the major, the structure has a package titled “Supplemental College/Program Core Requirements.” This package may include Core Curriculum courses that vary by College or Program.



“Education is not preparation for life; education is life itself.”

– John Dewe

What are CCP packages and what courses do they include?





Identity and Communication Package (15 – 18 Credit Hours)

Courses included in this package aim to establish identity and communication skills.

The number of credit hours required for this package ranges from 15 to 18, depending on the program. The specific courses to be completed by students are identified in the degree requirements of each program and consist of some combination of the courses listed below.

Course Code	Course Title	Credits	Pre-requisite
ARAB 100	Arabic I	3	–
ARAB 107	Arabic Language Basics	3	–
ARAB 109	Language Skills	3	–
ARAB 110	Introduction to Literature and Language	3	–
ARAB 200	Arabic II	3	ARAB 100
ARAB 201	Arabic Language Basics Adv.	3	–
DAWA 111	Islamic Culture	3	–
ENGL 110	English I	3	–
ENGL 111	English II	3	–
ENGL 150	Essay Writing I	3	–
ENGL 151	Advanced Reading Comprehension	3	–
ENGL 202	English Language I – Post Foundation	3	–
ENGL 203	English Language II – Post Foundation	3	ENGL 202
HIST 121	History of Qatar	3	–

Identity & Communication Package

Course Description

ARAB 100 Arabic Language I - Credit Hours: 3

The course aims to provide students the important skills to communicate in Arabic; listening, speaking and reading, with attention to writing skills in relation to each. This is done through content that includes a variety of topics related to Contemporary Arabic, through deep analysis of linguistics and literary texts. The course has been introduced in an interactive learning environment based on: 1) student activities, 2) Developing student skills, 3) learning and collaborative methods, 4) Communication skills for self-expression and ideas in different ways, 5) Solving problems through critical thinking skills and creativity, and 6) The absorption of ideas in different contexts. The assessment process uses a variety of tools to measure the attainment of student learning outcomes.

ARAB 107 Arabic Language Basics - Credit Hours: 3

This course is designed to introduce learners of Arabic as a second/foreign language to the basic structures of Arabic and to its uses in common situations of everyday communication; through a content which relates to every-day familiar situations and some apparent aspects of the Arab culture. The course aims to enable the Non-Native Speaker student to acquire fundamental working knowledge of the Arabic Language through interactive exercises and drills. This is done within a framework of the essentials of syntax and morphology in a student-centered learning environment, in order to be able to successfully handle a number of interactive, task oriented, and social situations.

ARAB 109 Language Skills - Credit Hours: 3

This course aims to enable the student acquire the four language skills (listening, speaking, reading and writing), i.e. to develop the skill of speaking sound Arabic; enhance communication with others; master the skills of reading, sending / receiving and understanding oral and written communications; and to master correct writing skills and identify proper ways of usage. All this is achieved through content which focuses on the functional aspect of the language, with attention to acquiring the knowledge of types of speech and signs of each type; differentiating inflected and uninflected forms and knowing the signs of both; and recognizing the two types of the Arabic sentence and their components, in an active-learning student-centered atmosphere, utilizing various learning activities, including readings of quality linguistic and literary source books to enable them employ their language skills in absorbing source texts, with a relative weight of up to %80 of the skill, employing various evaluation tools.

ARAB 110 Introduction to Literature & Language - Credit Hours: 3

This course aims at building students' familiarity with and competence in Arabic literature in its various genres, so as to increase their ability to appreciate literature and to develop their awareness of its concepts through the study of poetry and short story.



Identity & Communication Package

ARAB 200 Arabic Language II - Credit Hours: 3

The course aims at enabling the student to master the skill of the Arabic writing, and scientific and professional communication. These aims will be realized by the course content, which combines the basics of the language and linguistic rules to regulate the methods of writing, and experience on the skills of the Arabic writing in the following forms: 1) Functionally and creatively, 2) Traditionally and contemporary, and 3) Descriptively and analytically. Furthermore, the course aims at handling written problems by self-learning and collaborative environments that develop creative skill, dialogue, discussion, and critical thinking. It will also promote methods of written expression toward both the self and career, including help in the acquisition of knowledge, and building cultural awareness and good citizenship. The performance of the student will be evaluated through the various assessment tools that focus on the students' writing skills, in order to achieve the desired learning outcomes.

ARAB 201 Arabic Language Basics - Advanced Credit Hours: 3

This course aims to enable the students of non-speakers of Arabic to acquire the core skills in Contemporary Arabic, represented by listening, speaking, reading, and writing. These skills at this level are expected to qualify them to communicate in the daily life situations. This course also helps students to express themselves orally and in writing on familiar topics. This course is based on an active learning environment, through authentic sources, audio-visual, educational and culture material. A variety of assessment tools will be implemented.

DAWA 111 Islamic Culture - Credit Hours: 3

This course seeks to strengthen the unifying identity to which all students subscribe, regardless of their academic specialties. The Course adopts a particular educational philosophy that suits its particular nature. All topics are arranged in a unifying, integrative structure that begins with defining key concepts related to culture, science and civilization. Following these preliminary clarifications, an intensive analytical material on issues related to the message of Islam, creation of man, role of the Islamic ummah, and the relationship with the other, will be presented.

ENGL 110 English I - Credit Hours: 3

The course is designed to introduce students to the process of reading and oral communication. It provides the students with a wide range of reading and oral communication skills/strategies that help them become efficient readers and speakers of English. The course focuses on reading comprehension and vocabulary development in context, listening comprehension, pronunciation and speaking skills. Course material and textbooks will be selected to reflect the pedagogical content of the course.

ENGL 111 English II - Credit Hours: 3

This course is a continuation of English (I) and focuses on developing the same skills at a more advanced level. The emphasis remains on students' practical use of English. Some attention will be given to differences between written and spoken English (with the aim of eliminating errors resulting from confusing the two modes) and to conventions of punctuation.

ENGL 150 Essay Writing I - Credit Hours: 3

This course provides guided experience in writing academic essays at the university level. Emphasis is placed on writing effective introductions and concluding paragraphs, developing a clearly defined thesis statement and crafting strong supporting paragraphs. The course will help the students to learn how to research, evaluate, use and cite sources and learn a variety of techniques for crafting their own writing through two principal activities: the process of their own writing and analysis of the writing of others. Students will receive instruction on summarizing, using transition signals/paragraphs, paraphrasing, using different types of quotes and correcting common sentence errors. All material is based on the writing standards established by the Modern Language Association (MLA).

ENGL 151 Advanced Reading Comprehension - Credit Hours: 3

This course introduces students to a wide variety of authentic texts from different sources including newspaper and magazine articles and extracts from the works of modern writers. Texts will also vary in length and density. Tasks are designed to include different skills reflecting the different kinds of responses to texts needed by students such as summarizing the main argument of the text, taking detailed notes, criticizing texts, comparing texts written in different registers examining the different features that make texts cohesive and coherent and responding to exam-style comprehension questions.

ENGL 202 English Language I Post Foundation - Credit Hours: 3

This course is designed to help students improve their academic writing ability, and to ensure that they are prepared for the more advanced writing and research skills introduced in English 2. Emphasis is placed on understanding information from authentic texts. Academic vocabulary is taught through inference and context. A collaborative community environment is encouraged, whereby students learn to provide and accept relevant, focused feedback to and from their peers. Throughout the semester, students create and develop an e-portfolio.

ENGL 203 English Language II Post Foundation - Credit Hours: 3

English 203 is an advanced academic writing course, which provides an opportunity for students to learn and practice the skills needed for a guided university-level academic paper related to their field of study. The course emphasizes the development of academic writing skills as well as the ability to read and think critically. Students will learn to use the library and appropriate online resources to find and evaluate sources to inform, develop and support their ideas in term paper writing.

HIST 121 History of Qatar - Credit Hours: 3

This course aims at familiarizing students with the history of Qatar through different historical eras, with particular emphasis on the emergence and development of Qatar Emirate during the Ottoman-British rivalry in the Gulf. The course also deals with social, economic and political life during the pre and post oil and Gas era. It examines the socio-political and economic developments that took place in the country covering the period of his Highness, Sheikh Hamad Ben Khalifa Al Thani.



Social / Behavioral Sciences Package (3 Credit Hours)

Courses included in this package aim to develop students' understanding of themselves as individuals and as integral part of society.

The number of credit hours required for this package is 3 credit hours. Students must select ONE course from the courses listed in the CCP defined Social/ Behavioral Sciences package including:

Course Code	Course Title	Credits	Pre-requisite
EDUC 200	Education and Societal Problems	3	—
EDUC 203	Family Relationships	3	—
EPSY 201	Introduction to Psychology	3	—
EPSY 205	Social Psychology	3	—
HONS 102	Honors Freshman for Social Sciences	3	—
INTA 101	Political and Social Thoughts	3	—
INTA 103	Introduction to International Relations	3	—
INTA 206	Globalization	3	—
MCOM 103	Media and Society	3	—
PSYC 201	Fundamentals of Psychology	3	—
PSYC 206	Introduction to Social Psychology	3	—
SOCI 120	Introduction to Sociology	3	—
SOCI 121	Introduction to Anthropology	3	—
SOWO 101	Introduction to Social Work and Welfare	3	—
SOWO 361	Society and Human Rights	3	—
UNIV 200	Innovation, Leadership and Civic Engagement	3	—

Social / Behavioral Sciences Package

Course Description

EDUC 200 Education and Social Problems - Credit Hours: 3

This syllabus was designed to help Qatar University students be aware of the basic educational concepts and their relationships with the local and universal problems and issues directly related to the education field. These issues and problems are considered a foundational introduction to understand education issues and topics at the local, regional and universal levels. It also aims at helping students acquire the skills of recognition, understanding, analyzing, and justifying those problems logically and critically. This in turn will contribute to increasing their analytic abilities and their awareness of the community problems and issues from different domains (culturally, socially, economically, and environmentally, etc.) and in the amount that qualifies them to accept the other. This is of course will be achieved considering the renewed conditions of the Qatari society in addition to the variables and hurried universal innovations.

EDUC 203 Family Relationships - Credit Hours: 3

This course provides students with a range of knowledge, skills, and positive attitudes towards the family and family relations. It covers the concept of families, their functions and characteristics, the functions of the individual that change with marriage and family life, and family growth in the life cycle. Content includes the family's role in child-rearing during different developmental stages. The role of family organizations in helping families address marital issues and problems is also addressed.

EPSY 201 Introduction to Psychology - Credit Hours: 3

The course provides students with introductory knowledge and skills about the basic principles, methods, and areas of psychology, such as learning, memory, emotion, perception, physiological, developmental, intellectual, social, and abnormal. The aim of this course is to provide students with a basic overview of psychology as behavioral science and to help them develop a more comprehensive and accurate understanding behavior.

EPSY 205 Social Psychology - Credit Hours: 3

Social Psychology is the scientific study of the way in which people's thoughts, feelings, and behaviors are influenced by the real or imagined presence of other people. This course will focus on three major categories: (a) thinking about the self and the others, (b) evaluating persons and relationship, and (c) interacting with other people. Thinking about the self. Evaluating persons and relationships involves attitudes, attitude change, prejudice, interpersonal attraction, and close interpersonal power, and groups.

HONS 102 Introduction to Honors - Credit Hours: 3

This course has been specifically created to support students in capitalizing on their honors experience, forming a feeling of community amongst the honors students, and prepare them for life during and after college. This course will allow honors students to have discussions about the realities of the mind, the nature of knowledge, the idea of a university, and how university education can change and influence the future of individuals. The course will acquaint honors students with the college experience by directly involving them in service, scholarship, and leadership endeavors. This course incorporates workshops, practical experiences, and notable guest speakers, which will encourage independent scholarship and collaborative learning.



Social / Behavioral Sciences Package

INTA 101 Political & Social Thought - Credit Hours: 3

In the last half a millennium Western Europe transformed in radical ways, from individual self-perception to the way the state legitimizes its authority. Most of the changes were unprecedented in human history, and along the way, brought about new philosophical problems that since then have occupied the western world. This course introduces some of the central philosophical problems as well as responds to the course of European transformation and some solutions offered by European philosophers.

INTA 103 Introduction to International Relations - Credit Hours: 3

This is an introductory course to topics in international relations. It provides students with: (1) the analytical and theoretical frameworks and vocabularies needed to explore and understand the subject matter of international relations, and (2) case-oriented accounts relating to local, regional and global issues, including, but not limited to, ethnic and religious conflicts, wars, foreign policymaking, diplomacy, democratization and global terrorism.

INTA 206 Globalization - Credit Hours: 3

Globalization is a popular term that remains poorly understood. For many it is associated with progress and development, while others see it representing rampant capitalism and Westernization. The purpose of this course is to introduce students to key issues in globalization. Through drawing on a variety of key themes, the course will cover globalization's most important political, economic, social and cultural phenomena, such as transnational social movements, international organizations, political economy and security. This seminar will attempt to answer fundamental concepts such as questions: What is globalization? Is it truly a new? Is it actually global? Does it represent a threat to national sovereignty? What are its implications for domestic policy making?

MCOM 103 Media and Society - Credit Hours: 3

This course introduces students to the basics of communication and provides an overview of the history and development of the various mass media. It deals with issues pertained to the role of communication media in society, and highlights issues of press freedom and social responsibilities of the media; role of media in fostering diversity; and the impact of mass media on society. The course provides a critical evaluation of media content in relation to social and cultural variables of society.

PSYC 201 Fundamentals of Psychology Credit Hours: 3

This course is intended for the scientific study of the behavior of the organism that aims to familiarize students to the history, theories and applications of psychology and its various fields of study as well as the research methods that explain the behavior. This course offers a large number of topics including research methods in psychology, statistics, biological bases of behavior, learning, memory, sensation and perception, personality, normal and abnormal behaviors. This course is a step for the specialization in the field of psychology.

PSYC 206 Introduction to Social Psychology - Credit Hours: 3

Social Psychology is the scientific study of the way in which people's thoughts, feelings, and behaviors are influenced by the real or imagined presence of other people. This course will focus on three major categories: (a) thinking about the self and the others, (b) evaluating persons and

relationship, and (c) interacting with other people. Thinking about the self. Evaluating persons and relationships involves attitudes, attitude change, prejudice, interpersonal attraction, and close interpersonal power, and groups.

SOCI 120 Introduction to Sociology - Credit Hours: 3

This course provides a fundamental introduction to the discipline of sociology. In the broadest terms, sociology is the study of society. More specifically, sociology explores the interactions between social institutions, cultures, groups and individuals. It examines how unequal power relations organize the social world, and how those unequal power relations shape individual lives. It also focuses upon how individuals navigate and negotiate the different social and economic contexts in which they live. To accomplish this task, sociology relies on a variety of established theories and methods. This course will introduce students to those theories and methods. It will also provide students with a critical perspective on the application of those ideas in the examination of real- world problems. This course includes field-based projects.

SOCI 121 Introduction to Anthropology - Credit Hours: 3

This course introduces students to the discipline of anthropology. Students will briefly explore the four subfields of anthropology (physical or biological anthropology, linguistic anthropology, archaeology, and sociocultural anthropology). The central focus of this course will be on the last of those subdisciplines. Students will explore the historical development of anthropology, the primary theoretical frameworks it has developed, and the methods anthropologists utilize in the field. Students will also have the opportunity to apply these tools in solving a real-world problem through a field-based project.

SOWO 101 Introduction to Social Work - Credit Hours: 3

This course examines the history and philosophy of social welfare, with an emphasis on the social work profession: its mission, philosophy, ethics, values, and diverse fields of intervention with various client populations served in a range of social welfare settings.

SOWO 361 Society & Human Rights - Credit Hours: 3

The course discusses social work between the concept universality of human rights and the concept of cultural relativism. The course tries to answer to what extent the universality of human rights conflicts with the concept of cultural relativism regarding the social issues dealt with in the Universal Declaration of Human Right. In general, the course tries to answer the following question: how Social Work can utilize human rights documents as they are in the United Nations in dealing with the social issues?

UNIV 200 Innovation, Leadership and Civic Engagement - Credit Hours: 3

This is an interdisciplinary course designed to explore the concepts of creativity, innovation, entrepreneurship, leadership and civic engagement. It focuses on the contemporary issues locally, regionally and globally through interactive lectures, active discussions, case studies, videos, and guest speakers. Students will participate in community service and work collaboratively on a current local issue to propose actions to have a better sense of the issues and challenges that their community face, and envision creative approaches to these challenges.



Natural Science/Mathematics Package (3 Credit Hours)

Courses included in this package help students develop an appreciation and understanding of science, and encourage a re-thinking of the relationships between science and other human activities.

The number of credit hours required for this package is 3 credit hours. Students must select ONE course from the courses listed in the CCP defined Natural Science/Mathematics package including:

Course Code	Course Title	Credits	Pre-requisite
BIOL 101	Biology I	3	–
BIOL 110	Human Biology	3	–
CHEM 101	General Chemistry I	3	–
GEOL 101	Principles of Geology	3	–
GSCN 100	Science for Life	3	–
MATH 101	Calculus I	3	–
MATH 103	Intermediate Algebra	3	–
MATH 104	Basic Geometry and Measures	3	–
MATH 105	Mathematics in Society	3	–

Natural Science/Mathematics Package

Course Description

BIOL 101 Biology I - Credit Hours: 3

Biology 101 is the first introductory course for biology majors and minors, covering important biological concepts, including biochemistry, cell structure and function, photosynthesis, cellular respiration, cellular reproduction, genetics, and biotechnology. The laboratory introduces basic laboratory skills such as safety, microscope use, measurement, and reinforces concepts discussed in lecture. There are two hours of lecture and three hours of laboratory per week.

BIOL 110 Human Biology - Credit Hours: 3

An introductory course to human biology, it covers principles of structure and function of human body; nutrition & digestion, the circulatory system, the blood, the immune system, respiration, the urinary system, the nervous system, the sense, the skeleton & muscles, the endocrine system. Principles of human genetics, human development and aging. These systems are approached through an understanding of their functioning in the healthful condition followed by examples of the common disease conditions resulting from their dysfunction.

CHEM 101 General Chemistry I - Credit Hours: 3

Chemistry and Measurement and significant figures. Atoms, molecules and ions. Formulas and names. Stoichiometry and chemical calculations. Chemical reactions. Thermochemistry and enthalpy changes. Quantum theory of the atom and electron configuration. Chemical bonding and molecular geometry.

GEOL 211 Principles of Paleontology - Credit Hours: 3

Definition, stratigraphic methods in historical geology, paleontologic methods; definition of fossils and modes of fossilization, paleontological studies of protozoa (foraminifera-radiolaria), sponges, coelentrata, graptolites, and general life of the Paleozoic, life of Mesozoic, and Cenozoic.

GSCN 100 Science for Life - Credit Hours: 3

“Science for Life” is a general Science course that is designed to meet the needs of students majoring in non-science undergraduate programs. The course develops students’ broad understanding of basic science concepts with an integrative approach of physics, chemistry, environmental sciences, and biology in one course. Students will be engaged in real-life experiences that connects theoretical science to daily life phenomena and applications. The course emphasizes captivating topics that both effectively and creatively convey the fundamental science concepts to students. Specifically, the content focuses on improving students’ skills in areas of scientific reasoning, critical thinking, problem solving and cooperative dialogue through hands-on activities and real-life scenarios. It will also increase students’ self-awareness on scientific issues relevant to their local, regional and global contexts.

Natural Science/Mathematics Package

MATH 101 Calculus I - Credit Hours: 3

Limits and continuity. Differentiation. Applications of derivatives. Integration. Inverse functions. Transcendental functions.

MATH 103 Intermediate Algebra - Credit Hours: 3

This course is an elementary course which provides the students with the basic concepts and skills about numbers, polynomials and rational expressions along with algebraic operations. Also, it furnishes students with basic facts about relations and functions along with sketching of graphs of certain functions.

MATH 104 Basic Geometry and Measures - Credit Hours: 3

Basic Geometry and Measures (Math104) is meant to strengthen the basic concepts of geometry and measures. This course is very helpful in studying different shapes and their measurements. It begins with concepts of length, mass and capacity, estimating and making measurements using standard metric units. It also includes topics about the rectangular coordinates, angle-classification of triangles, polygons and areas, circles, solids. Finally, we focus on trigonometric ratios: sine, cosine tangent, and their inverses.

MATH 105 Mathematics in Society - Credit Hours: 3

Mathematics in society is a math course that meets the needs of students majoring in non-science undergraduate programs not requiring calculus or discrete mathematics. The course develops students' mathematical understanding through an engaging and nontraditional design that connects theoretical math curriculum to daily life examples and applications regarding the local context. The course emphasizes topics that effectively and creatively convey the fundamental mathematical concepts to students. Specifically, the content focuses on improving students' numerical, statistical and logical reasoning skills through hands on activities, real life scenarios, and computer applications.



“Education is the passport to the future, for tomorrow belongs to those who prepare for it today.”



– Malcolm X



Humanities / Fine Arts Package (0 - 3 Credit Hours)

Courses included in this package help students acquire an understanding of various modes of human thoughts and interaction.

The number of credit hours required for this package ranges from 0 to 3, depending on the program. When applicable, programs require the completion of 3 Credit Hours from courses listed in the CCP defined Humanities / Fine Arts package, including:

Course Code	Course Title	Credits	Pre-requisite
GEOG 110	General Geography	3	–
GEOG 241	Geography of Qatar	3	–
HIST 217	Islamic Civilization	3	–
HIST 222	The Gulf in Modern Period	3	–
PHIL 110	Introduction to Philosophy	3	–

Humanities / Fine Arts Package

Course Description

GEOG 110 General Geography - Credit Hours: 3

This course will study the principles of general geography: Geographical thinking, branch definition and geographical interests and methodologies; Real facts about the planet Earth - universal and mathematical facts about planet Earth, also its climate and biological environment; humanities and economical geography such as population, type of populations, political group, natural resources and various economic activities.

GEOG 241 Geography of Qatar - Credit Hours: 3

This course aims at providing the students with insight into the effective factors in the geography of Qatar, methods of investigation and analysis. Additional goal is to highlight the mutual relationship among the natural, human and economic elements that affects the geography of Qatar and how these various elements interplayed to create unique features of Qatar's geography. The course includes the following topics:

- Natural elements, which comprises the study of climate, soil, natural habitat and water resources.
- Human elements which include the study of population.
- Economic elements which focus on the agricultural, gas and oil production ; industrial development; trade; transportation and tourism; analytical study of the future perspective of the industrial development and gas production with some focus on the population crisis and the role of the GCC.

HIST 217 Islamic Civilization - Credit Hours: 3

This course focuses on the concept of civilization, the rise and historical circumstances that helped in establishing the Islamic civilization, its interrelation with the other civilizations, and its contributions to the world culture and heritage. The course deals with the foundation of the Islamic state, its administrative, financial, judicial and social institutions. In addition, it is devoted to examine the social, economic, and intellectual activities of Muslims and their impact on other civilizations up to the 16th century.

HIST 222 The Gulf in Modern Period - Credit Hours: 3

This course is designed to provide the students with the necessary information that would help them understand the historical developments in Gulf countries during the past five centuries, as well as acquaint them with main sources of Gulf history. The course will focus on the political history of the Gulf and the conditions that led to the emergence of Gulf countries.

PHIL 110 Introduction to Philosophy - Credit Hours: 3

This course is an overview to the problems of philosophy throughout ages. It tackles the following topics: Various definitions of philosophy and its methodology – classification of sciences – historical overview of the developing stages in philosophy from the Greek era until now– the relation between science and philosophy – relation between religion and philosophy – Epistemology: possibility of knowledge, its sources and nature – Ontology: nature of being, materialism and spiritualism – Axiology: logic as the study of truth, ethics as the study of morals, and aesthetics as the study of norms of beauty. – The problem of body and mind.



Core Knowledge and Skills Package (0 - 6 Credit Hours)

The courses in this package help students acquire fundamental knowledge and pertinent skills of strategic importance to QU and the nation.

The number of credit hours required for this package range from 0 to 6, depending on the program. When applicable, the 6 credit hours can be taken from courses listed in the CCP defined Core Knowledge and Skills package, including:

Course Code	Course Title	Credits	Pre-requisite
CHME 100	Energy for Life	3	–
CMPS 185	Fundamentals of Cybersecurity	3	–
DAWA 117	Ethics	3	–
DAWA 118	Introduction to Islamic Creed Studies	3	–
DAWA 210	Philosophy of Sirah	3	–
DAWA 222	Dialogue of Civilizations	3	–
EDUC 201	Research Methods	3	–
LAWC 100	Legal Culture	3	–
LAWC 102	Human Rights	3	–
MAGT 101	Principles of Management	3	–
PUBH 100	Your Health	3	–
SOCI 200	Sustainable Development	3	–
SPSC 101	Traditional and New Games	3	–
STAT 101	Statistics I	3	–

Core Knowledge and Skills Package

Course Description

CHME 100 Energy for Life - Credit Hours: 3

The course aims at developing the basic ideas of energy and their applications. It gives an overview of the main scientific principles and technologies related to conventional and unconventional energy resources. Fossil fuels (coal, oil, natural gas) are studied together with their societal and environmental impact and limitations. The course also introduces alternative energy resources, the opportunities, the technical foundations, as well as the associated risks. In particular, solar energy, wind, geothermal, and hydropower, together with various aspects of energy conservation are covered. In addition, the economic, societal and political issues related to the use of energy resources will be presented. Environmental issues related to energy such as global climate change, greenhouse gas emissions, effects on ecology and biodiversity (local-regional-global), responses to CO₂ build-up and mitigation technologies will be covered. Focus will be given to the Middle East region.

CMPS 185 Fundamentals of Cybersecurity - Credit Hours: 3

This course introduces the basics of cyber security. It provides an overview of authentication, authorization, best-practices password, data integrity, common cyber threats, cyber-attacks, the key concepts of cybersecurity for protecting devices and information from cyber-attacks, detecting malware, identifying phishing, social engineering tactics, common protection mechanisms, software updates, symmetric and asymmetric cryptography, internet security, personal security, privacy, and Qatar cybersecurity laws.

DAWA 117 Ethics - Credit Hours: 3

Educating the student on the centrality of ethics in the making of a human, social, cultural and civilizational makeup. Introducing the student to the role played by ethics in preserving humanity and nature and in the right development of human beings emotionally, socially, academically and culturally as well in achievement of justice and a civil society. Acquaint the student with essential moral qualities, its importance and benefits in life and its practical results. Engraining in the student moral etiquettes through the exposition of the essence of morality and the ways and means to nurture it. Acquainting the student to the characteristics of Islamic ethical values by objectively and academically comparing it with various ethical philosophies

DAWA 118 Introduction to Islamic Creed Studies - Credit Hours: 3

This course introduces the fundamentals of the Islamic Creed and its role in life in a simple accessible and deduced from the Noble Qur'an. It begins by addressing the importance of the "Creed" and its position in the Islamic framework, with an explanation of key terms and concepts, as well as the methodology of the Qur'an in presenting the three principles (belief in God, prophethood, and the hereafter). And its method of inference and dialogue with the deniers, it also seeks to link these principles with the value and ethical system and its role in building the individual, society, and the nation, with an analytical reading of Qur'anic models from the Prophet's stories, and a critical analysis of models from both traditional texts and contemporary writings.



Core Knowledge and Skills Package

DAWA 210 Philosophy of Sirah - Credit Hours: 3

This course deals with the various stages of Prophet Mohammad's Sirah. It discusses its historical context, the Dawa movement, the establishment of the Islamic Ummah belief and value systems and its diverse relationships. The course adopts an objective analytical approach. It aims at deducing norms and practical lessons that promote the ideal model for the Islamic revival, tackle the major defects facing the Ummah in line with its identity and strengthens the ties to it.

DAWA 222 Alliance of Civilizations - Credit Hours: 3

This course aims to provide a vision for the possibility of the Alliance of Civilizations, based on the commonalities between nations, societies and civilizations. It will focus on the promotion of common interests between civilizations and coexistence on the basis of mutual respect and understanding of the culture and religions of human civilizations. All this while accommodating the world's cultural diversity which would help in the building of civilizations and interact between them on the one hand while endeavoring to distance them from sectarian and ethnic conflicts highlighting the pioneer contribution of the Islamic civilization in human progress with emphasis on the values of tolerance and solidarity between peoples.

EDUC 201 Research Methods - Credit Hours: 3

This course is designed to help undergraduate students understand what research is, how it is conducted, and its place in academic disciplines. The focus will be on assisting students in developing practical research skills and strategies to enhance academic and professional success. Major emphasis will be on helping students understand the basic concepts of research as well as the different research paradigms and their implications for doing research. Another focus will be on assisting students with developing the ability to effectively prepare a research proposal. Other course topics include research ethics, experimental and non-experimental research, and acquiring electronic and non-electronic information resources for research purposes. Delivery methods used in this course will integrate active and experiential activities in the teaching and learning process. Student learning outcomes will be assessed using a multidimensional approach.

LAWC 100 Legal Culture - Credit Hours: 3

The Legal Culture course highlights several basic topics for students who are not specialized in law. The main topics of the course include the definition of the legal rule and its sources, the different categories of law, and its most famous branches which have a clear relation to human life and its daily transactions, such as constitutional law, family law, criminal law, international law, and the general principles of human rights, in addition to civil law and commercial law. Furthermore, the course determines the nature of the relationship between law, state and individuals.

LAWC 102 Human Rights - Credit Hours: 3

This course will discuss two broad issues about human rights. The first is the theory of human rights in national and international instruments; this part will cover the concept, development and classification of human rights (i.e. civil, political, social, economic and cultural rights). The development of these rights in both national and international regimes will be examined. The

second part of this course will deal with the concept of international humanitarian law, its role in the protection of victims of war and its definition and relationship with the work of the ICRC. The main treaties are the four Geneva Conventions of 1949 and their Additional Protocols as well as the Hague Conventions.

MAGT 101 Principles of Management - Credit Hours: 3

This course focuses on the fundamental concepts of management including its characteristics, evolution and importance. Topics include the functions performed by managers, such as planning, organizing, directing and controlling. Current issues facing managers will also be discussed to provide students with the necessary skills they can build upon to succeed as future managers.

PUBH 100: Your Health - Credit Hours: 3 3

This course introduces students to the discipline of anthropology. Students will briefly explore the four subfields of anthropology (physical or biological anthropology, linguistic anthropology, archaeology, and sociocultural anthropology). The central focus of this course will be on the last of those subdisciplines. Students will explore the historical development of anthropology, the primary theoretical frameworks it has developed, and the methods anthropologists utilize in the field. Students will also have the opportunity to apply these tools in solving a real-world problem through a field-based project.

SOCI 200 Sustainable Development - Credit Hours: 3

This course will examine the historical development of the concept of sustainable development, differing interpretations of the concept, empirical indicators of sustainability in environmental sociology, and policy proposals for achieving sustainable development in Qatar within Arab Gulf region. The emphasis of this course is on assessing the political, economic, social and cultural forces that pose a significant challenge to the development of a more sustainable future. There will be field-based projects.

SPSC 101 Traditional and New Games - Credit Hours:

The course focuses on the knowledge and understanding of those games which can look back to a long tradition in Qatar and the Arab countries. In addition, the course provides a selection of new and innovative games which are internationally well received.

STAT 101 Statistics I - Credit Hours: 3

This course covers Basic concepts, Population. Types of data, Sampling methods, Tables and graphs. Descriptive Statistics, Basic probability concepts, Random experiment. Sample space, Rules of probability. Counting techniques. Conditional probability. Independence, Discrete and continuous random variables. Sampling distributions, The Student-t distribution, Point estimation. Confidence intervals for a single population, Testing hypotheses for a single population. For the lab one Statistical software like SPSS, Minitab or Excel are used.



Supplemental College/Program Package (0 - 12 Credit Hours)

Core Curriculum courses included in this package vary by College or program.

The number of credit hours required for this package ranges from 0 to 12, depending on the program. When applicable, the required number of credit hours can be taken from a list of courses specific to each program and/or college. The specific courses to be completed by students are identified in the degree requirements of each program. This might include First year seminar course (Univ100) when applicable.

UNIV 100 First Year Seminar is part of the CCP Supplemental College / Program Core Requirements package for concerned colleges. It is a CCP requirement of all programs offered at the College of Arts and Sciences, the College of Business and Economics, the College of Education, the College of Health Sciences (excluding Major of Physical Therapy), the College of Law and the College of Sharia and Islamic Studies. All mentioned students in these colleges are required to complete a total of 3 CHs by completing UNIV 100 course.

Course Description

UNIV 100 First Year Seminar

The First-Year Seminar course is designed to equip first-year students with the knowledge and skills needed for their personal growth and academic success, while transitioning from high school to university. The course is designed on three components: learning about the self, the university environment, the society and world. Students will be engaged in activities that promote critical thinking skills through common reading, civic engagement and research topics related to the Qatari community. This is to emphasize students' role as citizen scholars in society and to develop skills necessary for life-long learning.



“If You are planning for a year, sow rice; if you are planning for a decade, plant trees; if you are planning for a lifetime, educate people.”



– Chinese Proverb

What are the CCP Signature Courses in a nutshell?

1. First year Seminar Course (UNIV 100)

Within Supplemental Package

First Year Seminar is a core course designed to support first year students make a smooth transition from high school to university. In this course, students are acquainted with various university support services and available resources. To support their academic success, the course develops a range of skills and competencies such as critical thinking skills, creative and practical thinking, emotional intelligence, leadership skills, goal setting, time management, note taking, memory skills and research skills to support their academic success. Students work in teams on a research project to tackle a current civic issue in Qatar. Their journey starts by brainstorming on possible research problems and ends by disseminating their findings through presentations, posters, and sometimes academic publications. The project increases students' awareness of challenges faced in the community and their role as engaged citizens to prepare them for responsible citizenship.

Students' Testimonials on UNIV 100 Course



Student 1:

For me, Univ100 was a wonderful experience, as I benefited a lot from the seminar course for providing the opportunity to experience and learn many things, especially those related to university laws and regulations as well as many exciting topics which provide students with skills and experience they do need for their future.



Student 2:

UNIV 100 course encourages teamwork and helps students to learn important life skills such as setting goals and time management. Such skills are very useful for to get deeper insight into ourselves and our personalities.



Student 3:

In the seminar course, I have learned how to achieve my long term goals, manage my time and shape my future. I have also developed leadership skills in this course.



Student 4:

In UNIV 100 course, I have developed skills, which helped me in studying other courses. I have also learned how to distinguish multiple intelligences and personality styles and how to use this knowledge in spotting my strength and weakness points. I have also learned how to exploit my strength points to improve my academic life as well as how to work on my weakness points.



Student 5:

First Year Seminar course is different from other courses. It taught me many aspects by which I can improve in my academic and non-academic life. It also taught me how to know my weakness and strength whether it is in my personality or intelligence. After this course, I changed the way I study. I also realized that I need to polish many skills such as communication, teamwork, problem solving, setting smart goals and time management in order to improve my life.

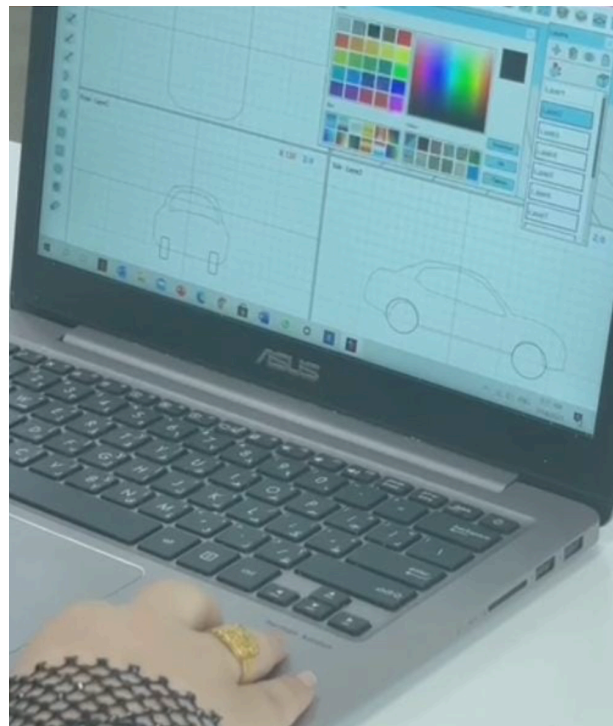
What are the CCP Signature Courses in a nutshell?

2. Innovation, Leadership and Civic Engagement (UNIV 200)

Within Social Sciences Package

UNIV 200 course develops students' entrepreneurial thinking, that is, their ability to identify problems and propose innovative solutions to address them for the social good. Using a Project-Based-Learning approach, students from different disciplines work together on a project that addresses a challenge and creates value in the community. The course creates students' awareness of their role in the community and provides them with the skills needed to lead the way and make an impact in the community. In addition, the course develops their leadership skills, unlocks their innovation and creativity potential and acquaint them with the social entrepreneurship process. To develop their competencies in digital technology, students in UNIV 200 are also required to design and print a 3D product as part of their project.

Students' Testimonials on UNIV 200 Course



Student 1:

I have never come across such an interesting course like UNIV 200. This is because UNIV 200 gives us the opportunity to experience hands-on concepts, something that was once merely just an idea or an image in your mind, which is fascinating! Univ200 course enhances our skills and creativity. In addition, it helped share our visions and ideas with our classmates. I also believe that this is a great opportunity since it has 3D design printing technology that almost most of the students never tried. Though it is something new to us, it is extremely fun and exciting.

Student 2:

The course has been an eye opening and have raised awareness in four important pillars that are volunteerism, community services, entrepreneurship and leadership.

Student 3:

The guest speakers were exceptionally inspiring, they have encouraged me to think more responsibly and creatively.

Student 4:

UNIV 200 course is one of the most intriguing and inspiring course I have taken.

What are the CCP Student Awards?

The Core Curriculum Program launched three Student Awards in order to recognize students' who excel in different domains while taking CCP courses.

The CCP E-Portfolio Award

The award aims to recognize students who demonstrate exceptional abilities in integrating knowledge and communicating it through a creative digital product.

The CCP Student Innovation and Entrepreneurship Award

This award recognizes students with entrepreneurial minds who demonstrate exceptional abilities in identifying and pursuing opportunities and coming up with innovative solutions and ideas that creative value for others and the community.

The CCP Student Civic Engagement Award

The award recognizes students who excel in their civic engagement initiatives and contributions to the community inside or outside QU.






What is the student club supported by the CCP?

Al Jawhar Club

The Core Club is an organization led by students, under the supervision of Core Curriculum Program. The purpose is to enhance student engagement and spread knowledge about the Core Curriculum Program objectives, packages and courses. The club is active on different social media platforms and provides details on the different course descriptions and other information valuable to students. The club regularly organizes events targeting student. These events aim to promote student engagement, build transferable skills and awareness about the CCP.



Reach out at aljawhar@qu.edu.qa

-  AlJawhar_Club_qu
-  al jawhar club qu
-  AlJawhar Club



Frequently Asked Questions (FAQ)

In which semester should I take courses from the Core Curriculum Program?

The Core Curriculum Program is spread out across students' full tenure at Qatar University. When applicable, it is only recommended to take UNIV100 course during your first year. All students must fulfil all their Core Curriculum requirements prior to graduation.

Are Core Curriculum courses assessed differently than those in my major?

Grading in Core Curriculum courses are as rigorous as courses offered to majors.

Is there any difference in the teaching of Core Curriculum courses?

The Core Curriculum is specifically designed to allow students the freedom to explore topics, skills, and areas of knowledge outside their major field of study. In line with its overarching mission, the Core Curriculum fosters active learning, student participation, and hands-on approaches in the classroom. These approaches are central components of the Core Curriculum's pedagogic philosophy.

What courses can a student in the Foundation Program take from the Core Curriculum?

This depends on the Foundation Program courses you are exempted from. If you are exempted from the English courses, then you can take 6 credit hours from the Identity and Communication Package. If you are exempted from the math courses, then you can take 3 credit hours from the Natural Science/Mathematics Package for each case. Please reach out to your academic advisor for more information. These are central components of the Core Curriculum's pedagogic philosophy.

Will Core Curriculum courses that I take which are also in my major be counted towards the Core Curriculum program or my Major requirements?

The courses will be counted towards your Major and not the Core courses.

What happens if courses I have done as part of the Core Curriculum Program are subsequently removed from the program? Will they still count?

Yes, courses you have completed will be counted once toward your graduation within the limits of the total credit hours identified for each of the Core Curriculum packages.

Does it matter what grade I get on my Core Curriculum courses?

Yes! You should always do your best to get the highest grade; Core courses are as rigorous as courses in the major. In addition, most universities will not accept a grade of D in transfer to fulfill Core Curriculum requirements. Guaranteed transfer applies to Core courses completed with a grade of C (2.0) or higher.

Is QU's Core Curriculum the same as at other colleges and universities?

No. While there are elements in common, each university has a Core Curriculum structure, which might differ in terms of the required credit hours and overall design. Each university has a unique Core Curriculum program. Core Curriculum courses can be transferred from one University to another based on a transfer policy.

I do not see my question here. Whom can I talk to about Core Curriculum Program?

If you have additional questions about Core Curriculum, please speak with an advisor at your designated college. You may also check with individual program advisors for details or visit the Core Curriculum Website: www.qu.edu.qa/core

Key Information about Core Curriculum Program

CCP Vision

The Core Curriculum Program at Qatar University aspires to become a model for general education that fosters academic success, intellectual growth, and responsible citizenship.

CCP Mission

The Core Curriculum Program at Qatar University offers a common academic experience that binds students from diverse disciplines together. Through a student-centered approach, and a careful selection of courses, the program aims to cultivate a range of skills, knowledge, values and dispositions needed for academic success, intellectual growth, and responsible citizenship. The ultimate goal is to prepare well-rounded and engaged graduates who are able to bring about positive change in Qatar and beyond.

CCP Objectives

The Core Curriculum Program aims at helping students to:

1. Instill the concept of good citizenship within the commitment to the framework of Arabic and Islamic moral values.
2. Develop basic competence in the principles, theories and analytical methods used in a broad variety of disciplines.
3. Equip students with the 21st century skills needed for academic success and lifelong learning.
4. Prepare graduates to bring about positive change in the community and chosen professions

CCP Learning Outcomes

At the end of the Core Curriculum Program, students should be able to:

Program Learning Outcome 1- Identity and Cultural Diversity:

Discuss the concept of the Arabic and Islamic identities and values and its relation to other cultures from an Islamic perspective.

Program Learning Outcome 2- Communication:

Demonstrate competency in written and oral communication.

Program Learning Outcome 3- Critical Thinking:

Critically evaluate the validity of ideas, assumptions and evidence regarding various issues, in order to make a judgment or reach a conclusion.

Program Learning Outcome 4- Quantitative Literacy:

Solve problems from a wide array of contexts and everyday life situations using scientific reasoning and quantitative evidence as appropriate.

Program Learning Outcome 5- Civic Responsibility:

Discuss diverse civic issues considering their role in promoting the quality of life in the community.

Program Learning Outcome -6 Digital Information Literacy:

Apply search skills in accessing and using information from digital resources to address a particular problem.

Program Learning Outcome -7 Entrepreneurial Thinking:

Develop innovative solutions or approaches in addressing actual problems to bring about noticeable progress in a variety of contexts.



“The function of education is to teach one to think intensively and to think critically. Intelligence plus character – that is the goal of true education.”

– **Martin Luther King**



Important links

Student Catalog



Student Learning Support Center







Student Counseling Center



Academic Advisors



Contact Us

-  www.qu.edu.qa/core
-  ccpdirector@qu.edu.qa
-  [@quccp](https://www.instagram.com/quccp)
-  [@quccp](https://twitter.com/quccp)

