

Recommended Courses for International Exchange Students in UIC

Courses suggested by Division of Business Management (DBM)			
Code	Subject	Subject Discription	Remarks
ECON3060	Foundations of Chinese Economy	This subject aims to introduce students with the basic features of the Chinese economic system and its performance since 1949, with emphasis on its post-1978 reform period. The institutional reforms in various sectors and the gradual open-up of the economy will be analyzed in detail. After taking this subject, the students are expected to understand why China was successful in maintaining a high economic growth in the past two decades and what challenges it will be facing in the future.	
BUS4030	Business Management in China	This subject provides students with an overview of the environment, the nature and the structure of business management in China. The Chinese management styles and other behavioral aspects will also be examined. It is aimed at students who are interested in pursuing a career in multinational firms that have or are developing business relationships with China or Chinese multinational firms.	
ECON4050	Money and Finance in China	This subject aims at fostering an understanding of the functions and the administration of money and finance in Mainland China, and their impact on the economy at both the micro and the macro levels. Fiscal, monetary, exchange rate systems and financial systems will be analyzed from optimality as well as economic development viewpoints. The developments of the post-1979 and post-1994 financial reforms and their policy implications will be emphasized.	
ACCT3090	China and Hong Kong Taxation Planning	This subject aims to introduce students to the basic concepts, principles, and legislative rules of the main taxation systems in the mainland of China and in Hong Kong, and teach the basic concepts and principles of tax planning in the global perspective and in the local perspective.	
MHR4020	Human Resource Management in China	This course offers an advanced study of human resources policies and problems in Mainland China. The aims of this course are (1) to introduce to students the current and practical issues of doing HRM in Mainland China, (2) to enable students to understand and analyse the contextual forces of the labour market, characteristics of workforce and prevailing HRM functions and policies in China and develop them to evaluate and apply those learned skills and principles in managing human resources in China.	

Courses suggested by Division of Humanities and Social Sciences (DHSS)			
Code	Subject	Subject Discription	Remarks
POLS2060	The Political System of China	An introductory subject to the government and politics of contemporary China focusing on the historical development and institutionalization of Marxism-Leninism and socioeconomic transformation since the late 1970s.	
POLS3030	Contemporary Europe and Asia	A final year subject designed to integrate the study of Europe with a knowledge of Europe's relations with Asia since 1945. Emphasis is on the post-colonial development of Asian states' ties with Europe, and with Europeans' economic, political, and cultural exchanges with Asia. The problems posed to Euro-Asian relations by relict anti-colonialism, by Cold War rivalries and by geo-strategic political economic competition will be examined within the framework of both continents' internal/external dynamics and the development of world trade, communication, and cultural interchange. The increased movement of Asian peoples to Europe and Europeans' renewed movement into Asia as part of the global processes and trends of the forecast "Asia-Pacific 21st Century" will be examined.	
SWSA3020	Social Welfare in Asia	This subject introduces the issue of social welfare in Asia from a wholesome (integrative societal) and comparative perspective. Students will learn the importance of social welfare issues in the context of national development – including political and administrative development, as well as economic, social and cultural development. The subject will focus on a number of key countries and the welfare systems in Asia, such as: China, India, Korea, Malaysia, and Singapore.	
CTV4160	Studies in Asian Cinema: India, Korea, Japan	Centring on various Asian cinemas, the subject may change from year to year in its emphases. The focus is on Orientalism, romanticism, colonialism, modernism and postcolonial cinema; and also on the relations between Oriental and Western cinemas.	

Courses suggested by Division of Science and Technology (DST)			
Code	Subject	Subject Discription	Remarks
FINM1010/ BUS3060	Introduction to China's Capital Markets/ China's Capital Markets	This course introduces students to the current situation and roadmap of China's capital markets. Students should understand the features of China's capital markets in the era of globalization and their relationships with China's economy and global financial markets. / The objective of this course is to teach students to understand the current situation and roadmap of China's capital market, especially the logic behind it. Students should understand the features of China's capital market in the era of globalization and its relationships with global financial markets, and build the capability of studying the China's capital market with economics knowledge.	
N/A	China's Economy		New course to be launched soon.
BIOL2010	General Biology	This subject is for the Food Science and Technology Programme. This subject provides the student with a solid foundation in the principles of biology, from cells to the diversity of life. Topics include the structure and function of individual organisms, and their diversity. There is an emphasis on plant and animal anatomy and physiology. Latest advances in biology are incorporated into the subject. There is also an overview of the scientific process/method, and examples are reviewed to show how the process works.	
FOOD2010	Introduction to Food Science	This subject provides students with an overview of the scientific principles and current status of technology related to food and food products. The contents will include an overview of food components, food additives, diet, food safety and health.	
FOOD4030	Functional Foods	This subject explores nutritional enhancement with respect to foods or dietary components that provide health benefits beyond basic nutrition or deliver specific nonnutritive physiological benefits to health and/or reduce the risk of diseases. Categories and examples of functional foods (or designer foods or pharma foods or nutraceuticals), the scientific basis to support claims for functional components and the link between functional foods with balanced diet and diseases will be explored. Continuous consumer demands and the response of the food industry will be analysed and discussed. An overview of the Chinese medicated drinks and diet that have special functional values or health benefits will also be presented and discussed. This subject provides students with the concept, scope and chemistry of functional foods; the highlight of functional foods in the food industry; the impact on the development of new functional food products; the basic concepts related to the health effect of a combination of food and medicine in Traditional Chinese Medicine	

FOOD3070	Food Microbiology and Toxicology	Toxic dietary components, microbial toxins and food pathogens are the predominant causes of morbidity and mortality associated with foods. In this subject the hazardous substances in general associated with food will be outlined and their effects on food reviewed. The beneficial use of micro-organisms will also be considered. This subject provides students with some basic coverage of the principles of toxicology relevant to food science and nutrition, information on microbial use and hazards associated with food, awareness of food contaminants, such as pesticides, antibiotic residues etc.	
PSY3060	Psychology of the Chinese People	The Chinese people constitute more than a quarter of the world's population, the purpose of this course is to summarize and integrate the wealth of data available on their psychological functioning. The purpose of this course is to introduce fundamental concepts from psychology in the different cultural context of Chinese people psychological functioning. To apply such concepts in understanding themselves and behaviours of others.	
PSY3010	Health Psychology	Students will view health and illness through a bio-psychosocial lens, i.e., understand that physical well-being is the result of complex biological, social, and psychological factors. Students should develop the research skills and confidence necessary to critically examine advice about health they are given. Students will learn about behavioural interventions they could apply in their own life, either with others or themselves; modifying health behaviours, coping with stress or pain, or dealing with illnesses.	
PSY2290	Psychology of Cultural Diversity	This course is designed to provide students with a positive perception of cultural diversity. The most important elements of cultural diversity, understanding and awareness, will be addressed. The aim of the course is to examine how "The mind shapes culture" and how "culture shapes the mind". We will begin by discussing immigration and cultural diversity from the point of view of those who change cultural environment and those who find themselves in environment where they are minorities. Psychology of Cultural Diversity employs a blend of experiential learning theory to engage the learner in a unique and participative set of learning experiences. Increased awareness of cultural diversity can translate into more tolerance, respect, and appreciation for the uniqueness of all people and culture.	
MATH1020	Mathematics for Non-Science	This subject stresses the prevalence, relevance, and practicality of mathematics in the modern society especially in the context of planning and scheduling in Management Science, and issues concerning social choice and decision making. Numerous real world examples are discussed. The mathematical techniques involved are taught through hands-on applications. This subject is specifically designed for students in arts, communication and social sciences.	

MATH1010	Mathematics for Business	This subject introduces basic concepts and techniques in calculus so that students can master mathematics. After taking this subject, students will know differentiation and integration of some elementary functions, and will know how to solve problems met in business. Particular attention is given to applications of these techniques in management decision analysis.	
STAT1020	Statistics for Non-Science	This is an introductory subject in statistic. It discusses procedures that are most commonly used in the summary of statistical surveys and in the interpretation of experimental data. The rationale for these procedures is explained in detail. The emphasis is on statistical thinking and concepts, and simple data analysis, including summarizing data and making valid inferences from data. Formulas are avoided as much as possible. Excel will be used.	
STAT1010	Statistics for Business	This subject provides students with an understanding of fundamental statistical techniques commonly used in business today. Particular attention is given to the application of these techniques in management decision analysis.	
COMP4010	Theory of Computation	This subject aims to introduce the fundamental concepts in theoretical computer science. Topics include deterministic and non-deterministic finite automata, regular languages, context-free languages, Turing machines, Church's thesis, the halting problem, computability, and complexity. Also, the formal relationships between machines, languages and grammars are addressed.	
COMP3150	Design Patterns	This course introduces popular design patterns that can be used in software development.	
COMP3030	Database Management Systems	This subject introduces how to represent the data in a database for a given application and how to manage and use a database management system. Topics include: conceptual modeling of a database, relational data model, relational algebra, database language SQL, relation database design, and emerging XML data models. In addition, hands-on DBMS experience is included.	
COMP3040	Design And Analysis Of Algorithms	This subject builds on the study of the analysis and implementation of algorithms and data structures (COMP2010). The goal is to introduce a number of important algorithms that are interesting both from a practical and theoretical point of view. Algorithm design paradigms such as divide-and-conquer and dynamic programming will be discussed, and algorithms for sorting, searching, and graph problems, etc., will be developed.	
BIOL2070	Principles of Biology	This subject aims to provide students with a broad perspective in the field of biology, with special emphases on the diversity and unity of living things. The course provides a general understanding of the cell structure and the functions of organelles; and studies the characteristics of major phyla of vertebrates and invertebrates, as well as major plant groups, in respect to their morphology, distribution and diversity. There is particular emphasis on an evolutionary theme so that students can relate plant and animal anatomy and physiology as adaptations in evolutionary history.	

BIOL2080	Principles of Microbiology	This subject aims to encourage students to appreciate the vast diversity of microorganism. The course provides a general understanding of the nomenclature and taxonomy of microorganisms, as well as the cell structures and functions. The course also provides examples on the applications of microorganisms in our everyday life with emphasis on their applications in environmental science.	
CHEM2060	Principles of Chemistry	This subject gives a cursory treatment of topics from physical to organic chemistry pertaining to Environmental and Life Sciences. Topics to be discussed include chemical bonding and intermolecular forces, basic concepts in thermodynamics, chemical kinetics, stereochemistry and conformation, chemistry of carbonyl and other important organic functional groups. Specifically, the subject provides students with (i) a solid understanding of the fundamental concepts and basic principles of chemistry; (ii) knowledge in organic chemistry required for more advanced courses, such as biochemistry and physiology, environmental health and toxicology.	
ENV2010	Introduction Environmental Science	This subject introduces students to the principles and issues in environmental science. Emphasis is given to those topics that demonstrate how environmental issues are related to our everyday life. The subject introduces students to the basic principles and concepts in environmental science, and demonstrates to them how environmental and resources problems are interrelated. Students should be able to understand how human activities cause environmental pollution problems, and recognize how modern environmental technologies could remedy such problems.	
ENV3010	Resources and the Environment	This subject is designed to help students relate scientific principles to the management of natural resources. Topics include management of natural resources in terrestrial and aquatic ecosystems. It introduces the nature of each natural resource and the scientific and ecological basis for their management, and cultivates positive attitudes relative to natural resource perception, use, management and protection.	
ENV3020	Sustainable Environmental Management	This subject introduces and discusses global environmental issues, and examines various approaches in tackling them by working out sustainable scientific solutions. Specifically, the subject (1) develops a broad framework (incorporating scientific, social, economic and political factors to analyse and resolve environmental problems); (2) provides an understanding of the importance of the role of science and scientific information in environmental management; and, (3) discusses the anthropogenic causes of environmental degradation and the way sustainable growth can be brought about by environmental management. It examines the framework of environmental planning and management, and the techniques for tackling environmental management; and applies principles of environmental science to help manage the diverse array of environmental problems in different physical, biological and social environments.	

ENV3070	Introduction Environmental Geology	This subject provides general and updated information in recent advance and development in environmental geology. The subject provides students to learn the geological structure, constituent of the Earth relating to its processes; to help equip students with an understanding of the interactions between geologic processes, ecological processes, and society; to understand the earth's dynamic and changing environment; to understand the application of geologic information to the entire spectrum on interactions between people and the physical environment; to introduce and develop an understanding of how geology interacts with major environmental problems facing people and society.	
Courses suggested by Chinese Language Center (CLC)			
Code	Subject	Subject Discription	Remarks
CH1040	Elementary Chinese I	This subject is intended for non-Chinese speaking students, Elementary Chinese I is for total beginners. The subject will be taught from the very first chapter of the first textbook.	
CH1050	Elementary Chinese II	This subject is intended for non-Chinese speaking students, Elementary Chinese II is for semi-beginners who have knowledge equivalent to the contents taught in the first textbook, and it will start from the second textbook instead.	
CH2040	Intermediate Chinese I	Intermediate Chinese I is for students with knowledge equivalent to the contents of the first two textbooks.	
CH2050	Intermediate Chinese II	Intermediate Chinese II is for students with knowledge equivalent to the first three textbooks. Grammar system will be completely acquired by the end of intermediate level study.	
CH3040	Advanced Chinese I	Advanced Chinese I and II are for students who have completely acquired grammar system and whose main aim is to enlarge vocabulary. The students will learn to apply the grammar and vocabulary learnt before.	will not be offered in 2012 - 2013 Spring Semester
CH3050	Advanced Chinese II		