

**BMSC 3036 Nervous System (2,2,0) (E)**

The nervous system is responsible for perception of the external environment, an individual's behavior in it, and maintenance of the body's internal environment in readiness for this behavior. Disorders of the nervous system are responsible for a significant percentage of acute medical admissions and are also responsible for a large proportion of chronic physical disability.

It is therefore important that students should have a general knowledge of the nervous system and it is the objective of this course to achieve this. The course will be taught in the following aspects: (1) Anatomy and physiology of the nervous system; (2) Major manifestations of nervous system diseases; (3) Investigation of neurological diseases; (4) Overview of neurological diseases: Infection of the nervous system, Cerebrovascular disease, Trauma, Degenerative diseases, Diseases of nerves and muscles, Disorders of the spine and spinal cord, Intracranial mass lesions; and (5) Study of clinical cases.

**BMSC 3037 Public Health and Family Medicine (3,3,0) (E)**

Public health is the science and art of preventing disease, prolonging life and improving the health of communities through education, promotion of healthy lifestyles and research for disease and injury prevention. It deals with preventive rather than curative aspects of health; and with health issues at population-level rather than individual-level.

The objective of this course is to give students an overview of Public Health in the following aspects: (1) The principles of disease surveillance, biostatistics and epidemiology; (2) The incidence, prevalence and causes of common health problems in Hong Kong; (3) The clinical and preventive aspects of occupational health, environmental health, family health, mental health and health education; and (4) An overview of Hong Kong health services.

Family medicine is a medical specialty that provides continuing and comprehensive healthcare for individuals and families, including all ages, sexes, organ systems, and disease entities.

The objective of this course is to give students a general concept of Family Medicine in the following aspects: (1) Principles of Family medicine; (2) Common medical conditions encountered in family practice; (3) Care for women; (4) Pediatric and adolescent care; and (5) Geriatric care, especially those with chronic illnesses.

**BMSC 3045 Surgery and Emergency Medicine (4,4,0) (E)**

Surgery is a discipline of medicine that treats diseases, injuries, and deformities by manual or operative methods. The objective of this course is to provide the CM students with basic vocabulary, general knowledge, and surgical principles rather than operational technical details. Students are expected to know basic knowledge about surgery and surgical patients, how to treat minor wounds, burns, fractures and other minor injuries.

Emergency medicine is a branch of medicine that deals with evaluation and initial treatment of medical conditions caused by trauma or sudden illness. It is a relatively new discipline and may involve different branches of medicine. It is important that students have a general view of various emergency conditions commonly encountered in clinical practice, their clinical features, diagnosis, investigations and the initial emergency management. The aim of this course is to give students a basic knowledge of Emergency Medicine in particular for the following aspects: (1) Emergency service in Hong Kong; (2) Principles of Cardiopulmonary Resuscitation and life support; (3) Common emergent conditions including medical, surgical, pediatric, obstetric, gynecological and environmental; (4) Poisoning and pharmacovigilance; and (5) Trauma and common injuries.

**BMSC 3046 Surgery and Emergency Medicine (3,3,0)**

Surgery is a discipline of medicine that treats diseases, injuries, and deformities by manual or operative methods. The objective of this course is to provide the CM students with basic vocabulary, general knowledge, and surgical principles rather than operational technical details. Students are expected to know basic knowledge about surgery and surgical patients, how to treat minor wounds,

burns, fractures and other minor injuries.

Emergency medicine is a branch of medicine that deals with evaluation and initial treatment of medical conditions caused by trauma or sudden illness. It is a relatively new discipline and may involve different branches of medicine. It is important that students have a general view of various emergency conditions commonly encountered in clinical practice, their clinical features, diagnosis, investigations and the initial emergency management. The aim of this course is to give students a basic knowledge of Emergency Medicine in particular for the following aspects: (1) Emergency service in Hong Kong; (2) Principles of Cardiopulmonary Resuscitation and life support; (3) Common emergent conditions including medical, surgical, pediatric, obstetric, gynecological and environmental; (4) Poisoning and pharmacovigilance; and (5) Trauma and common injuries.

**BMSC 4898-9 Honours Project I & II (3,3,0)**

The aim of the honors project is to provide students with first hand experience on scientific or scholarly research. Each student will conduct an independent research project under the supervision of a teaching staff of the School of Chinese Medicine. The topic of the project will be determined upon the discussion between the student and the supervisor in an area related to Chinese medicine. The format of the project could be clinical studies, epidemiological studies, laboratory-based studies and pure literature studies. During the span of the project, students are expected to learn the theoretical, methodological basis as well as the statistical data analysis of scientific research, and to develop the skills for professional thesis writing and oral presentation. Upon completion of the project, students should be capable of searching on database and research papers, and to have possessed the ability of objective and logical experimental design and data analysis. The findings from the research project will be collected in the writing of a dissertation and presented in an open oral presentation by each student.

**BUS 1190 Mathematics for Business (2,2,0)**

This course is designed to provide business students with essential knowledge of mathematical techniques commonly used in business world today. Particular attention is given to teach students how to apply these techniques such as calculus, linear algebra and probability in solving business/management problems. This course also introduces students the concept of the time value of money and helps them to understand the importance of calculating present and future values to corporations.

**BUS 1200 Statistics for Business (2,2,0)**

In today's management decision making process, one of the useful and commonly employed tools is statistical analysis. This course provides business students with the basic knowledge in understanding and skills in performing these statistical techniques like sampling methods, interval estimation, hypothesis testing, analysis of variance and regression analysis. Nonparametric methods are also covered so as to allow students to have a broad understanding of different statistical testing methods. Applications of these techniques in the business environment will be emphasized in the course.

**BUS 1230 中國傳統智慧與企業管理 (3,3,0)  
Ancient Chinese Wisdom and  
Contemporary Business Management**

在經濟、社會及文化形態皆急速全球化與資訊化的今天，大形勢愈來愈複雜、多變、難測，百年來生產線流水作業或金字塔層層指揮的企業模式，早已被發現並不管用。

面對如此困境，西方的企業管理論界近二十年來推出了共同願景、自主空間、學習社群、內發動機、系統思維等「有機」企管理念；他們也同時發現，這許多想法與傳統中國的易學、儒、道、釋、縱橫家等各種名家智慧竟遙遙呼應，而後者更可給他們提供成熟及完整的理論框架。更妙的是，不必花費多大工夫，只從中國的經典文獻與史料，已可擷取大量可供研習的管理學個案。這個課程為大學裡所有院系的同學而設，他們將來無論是教師、