

of dispensary, behavioural science in pharmaceutical practice, evaluation and management of pharmaceutical intelligence, and those specified in Chinese medicines.

PCMD 1005 Chemistry for Pharmaceutical Sciences I (2,2,0) (P)

PCMD 1006 Chemistry for Pharmaceutical Sciences II (3,3,0) (tbc)

This course aims to introduce the fundamental and theory of Medicinal Botany, the classical botanical classifications and familiar with the commonly Chinese herbal medicines. It also provides training at the use of basic microscopic observation and anatomical techniques about cells, tissues and organs of plants.

PCMD 1007 Chemistry for Pharmaceutical Sciences Laboratory (1,0,3) (tbc)

This course aims to provide selected experiments on organic reactions, synthesis and structural identification which are relevant to pharmaceutical and biomedical studies and to illustrate basic organic and physical laboratory techniques. It also aims to provide clear illustrations of the chemical principles of thermodynamics, kinetics discussed in the lecture subject.

PCMD 1015 藥用植物學 Medicinal Botany (4,4,0) (P)

PCMD 1016 藥用植物學實驗 Medicinal Botany Laboratory (1,0,3) (P)

學習藥用動植物形態學、解剖學和分類學以及藥用植物資源調查等內容。此課程為生藥學課程奠定基礎，指導學生正確識別藥用基源。

This course aims to (1) teach students for the theory and knowledge of Medicinal Botany (2) train students with the basic microscopic observation and anatomical techniques about cells/tissues/organs of plants, and (3) introduce the classical botanical classifications and get familiar with commonly found Chinese herbal medicines.

PCMD 1017 藥學拉丁語 Pharmaceutical Latin (1,1,0) (P)

拉丁語是國際通用的學術用語，在醫學藥學和生物學領域中應用相當廣泛。本課程的開設旨在使中藥專業的學生掌握好拉丁語的基礎發音和語法、各類藥物以及動植物和中藥材的命名規則、處方的寫法以及有關的術語辭彙，從而達到順利認讀和理解動植物學名和生藥名、各類藥物名以及處方的目的。

The Latin is a tool language used for academic terminology in the medicine and biology. Setup of this course aims at helping the students with Chinese medicine specialty to control the basic pronunciation and phrasing of Latin, the rules of nomenclature in medicaments, plants, animals, crude drugs and the structure of the prescription, etc.

PCMD 1025 Supervised Practicum I (1,*,*) (tbc)

為配合課堂的學習及加強學生對藥用植物學的認識，於第一學年的暑假將安排為期兩周的實習。學生會被安排到不同的藥園，進行對藥用植物的辨認及記錄。

This is a two-week practicum and be arranged at various botanical gardens. It aims to reinforce concepts taught in the lectures by visiting various botanical gardens for identifying and recording varieties of medicinal plants.

PCMD 2005 方劑學 Chinese Medicinal Formulae (3,3,0) (tbc)

Chinese Medicinal Formula is one of the basic courses in Chinese medicine studies. It offers knowledge about treatments, formula combinations and clinical applications. The course builds on foundation courses including Chinese medicine theories and Chinese medicine studies to further elaborate on the relation between treatment and formulas. Medicine types and dosages are chosen according to combination principles to create an appropriate and effective formula. The aim of this course is to offer students understanding of the characteristics of Chinese medicine therapeutics, to understand the relation between

treatment and formula, recognize the distinction and linkage between medicine and formula, comprehend the significance of sovereign, minister, assistant and courier in formula creation, and to grasp the use of formula through actual combination practices. It aims to provide a solid foundation for students to proceed to various clinical subjects. As a professional pharmacy course in Chinese medicine, this course also provides information relevant to profession developments including dosages and preparation forms.

PCMD 2006 中藥化學 Phytochemistry (4,4,0) (tbc)

先修科目：CHEM 3025 Chemical Analysis

學習中草藥中各類化學成分的概念、化學結構、理化性質、生物合成以及它們的提取、分離和結構解析的基本理論和方法。

Prerequisite: CHEM 3025 Chemical Analysis

Teaching of this course will be undertaken on the basis of medicinal botany, biochemistry and organic chemistry along with the teaching biological activities of the chemical components of CMM and resource utilization. Students are required to grasp the basic theories and skills for studying the chemical types, physico-chemical properties, extraction, isolation and analysis of the active components of CMM; to understand the systematic detection of single herb and the methods for structural identification of the active components. These will lay foundation for CMM formulation, quality control and new drug development.

PCMD 2007 中藥化學實驗 Phytochemistry—Laboratory (1,0,3) (tbc)

兼修科目：PCMD 2006 中藥化學

指導學生對中藥有效成分進行提取、分離、檢識，為從事中藥劑型改革、質量控制和研究新藥等奠定必要的基礎。實驗內容主要包括中藥有效成分的提取、分離、檢識。

Co-requisite: PCMD 2006 Phytochemistry

This course aims to equip the students with the experimental expertise of extraction, isolation, identification of active principles from Chinese medicines, to lay necessary foundation for dosage form innovation, quality control and development of new drugs. It includes extraction, isolation and identification of active principles from Chinese medicines.

PCMD 2036 中藥市場與國際貿易 Marketing of Chinese Medicines and Legal Aspects of International Business (3,3,0) (tbc)

本科目旨在使學生了解中藥市場與國際貿易常識，以在未來參與香港中藥貿易方面發揮作用。有關國際投資常識、有關政策、進出口法規、知識產權等在此科目中將予以介紹。

The course will provide students with an understanding of the market of Chinese medicines in the Chinese Mainland, and therefore they can contribute in the international trade of Chinese medicine in Hong Kong in future. The knowledge of regulations of international investment, inward and outward foreign investment, import and export law and intellectual property etc. will be introduced in this subject.

PCMD 2037 中藥資源學 Resources of Chinese Medicinal Plants (3,3,0) (tbc)

本課程的開設旨在使中藥專業的學生掌握我國中藥資源的分佈概況、道地藥材資源以及相關的中藥材規範化生產、中藥資源的開發利用、中藥資源的保護與可持續發展、中藥資源的調查研究方法等方面的專業知識。

The setup of this course aims at helping students with Chinese medicine specialty to study and control the distribution of traditional Chinese herbs, geo-herbal drugs and knowledge about Good Agriculture Practice (GAP), available exploitation and utilization of Chinese Medicinal Materials (CMM) resources, protection and sustainable utilization of CMM resources, etc.

PCMD 3005 中醫臨床導論 Introduction to Chinese Medicine Practice (3,3,0) (tbc)

This subject will introduce to students the basic philosophy and fundamental knowledge in Chinese medicine (CM) practice. On completion of this subject, students would be able to: (1) learn the knowledge of principles and methods of CM therapy in

clinical practice, (2) gain knowledge of principles and methods of diagnosis and treatment based on the theories of differentiation of symptoms and signs, and (3) master the knowledge of therapeutics common diseases including internal medicine, dermatology and pediatrics of CM

PCMD 3006 藥理學與毒理學 (4,4,0) (tbc)
Pharmacology and Toxicology

介紹藥物作用原理與概念以及臨床用藥的科學根據，培養學生正確合理的用藥方法的原則，並介紹中藥、西藥的不同範疇，讓學生了解並掌握中藥、西藥相互作用的利弊。

This course aims to provide students with fundamental knowledge on the use of xenobiotics as orthodox Western drugs in the treatment of human diseases or as toxic agents to cause systemic disorders. In the beginning of the course, the important principles of pharmacology and toxicology will be introduced. This is followed by a series of topics on the therapeutic approach in tackling various body dysfunctions of the biological systems and in practical chemotherapy. Students have the opportunity to participate in group presentation on approved topics relevant to pharmacology and toxicology. By the end of the course, students are expected to acquire essential knowledge on the classes and clinical uses of different conventional drugs currently used in Hong Kong plus a general idea about toxicology.

PCMD 3007 中藥藥劑學 (5,5,0) (tbc)
Pharmaceutics in Chinese Materia Medica

先修科目：CMED 2006 中藥學及 PCMD 2006 中藥化學
 學習中藥藥劑的基本理論和知識，訓練中藥藥劑的基本技能，介紹現代製藥工程學中的有關內容。

Prerequisite: CMED 2006 Chinese Materia Medica and PCMD 2006 Phytochemistry

This course aims at (1) introducing the theory of pharmaceutics of Chinese materia medica, (2) equipping students with the basic pharmaceutical techniques in Chinese materia medica, and (3) introducing the modern technology of pharmaceutical engineering.

PCMD 3015 中藥藥劑學實驗 (1,0,3) (tbc)
Pharmaceutics in Chinese Materia Medica—Laboratory

兼修科目：PCMD 3007 中藥藥劑學

中藥藥劑學實驗課旨在提供中藥藥劑的製備與相關的實驗技能的培訓。實驗內容主要包括中藥各種劑型的製備及其質量檢查、藥劑的穩定性試驗、藥物溶出度的測定。

Co-requisite: PCMD 3007 Pharmaceutics of Chinese Materia Medica

It provides the training in preparation of different dosage forms of Chinese medicines and the quality control, testing of stability, and determination of dissolution of drugs.

PCMD 3016 中藥鑑定學 (4,4,0) (tbc)
Authentication of Chinese Materia Medica

先修科目：PCMD 1015 藥用植物學、PCMD 1016 藥用植物學實驗及 PCMD 2006 中藥化學

學習常用生藥的歷史、基源、原植（動）物形態、採製、產銷、活性成分、鑑定特徵、品質標誌、藥理作用和功效等內容。

Prerequisite: PCMD 1015 Medicinal Botany, PCMD 1016 Medicinal Botany Laboratory and PCMD 2006 Phytochemistry

To study the history, origin, morphology, collection, processing, production and marketing, active principles, characteristics for identification, quality, pharmacological action and efficiency of common crude drugs. Students will learn the skills to discriminate genuine and quality of crude drugs, thus to ensure clinical safety and efficiency.

PCMD 3017 中藥鑑定學實驗 (1,0,3) (tbc)
Authentication of Chinese Materia Medica—Laboratory

兼修科目：PCMD 3016 中藥鑑定學

中藥鑑定實驗課旨在提供鑑定中藥真偽優劣的實驗培訓，培養學生基源鑑定、性狀鑑定、顯微鑑定、理化鑑定的技能，從事相關的實驗。實驗內容主要包括中藥標本及有關原植物標本的觀察、

顯微鑑定及理化鑑定。

Co-requisite: PCMD 3016 Authentication of Chinese Materia Medica

To provide the training of identification of discrimination of Chinese materia medica between genuine and fake, good and bad through experiments from the aspects of source, morphology, microscopy and means of physics and chemistry. It includes the observation of specimens of Chinese materia medica and their source plants, identification through microscopy and by means of physics and chemistry.

PCMD 3025 生物藥劑學 (3,3,0) (tbc)
Biopharmaceutics

指導學生學習藥物在體內的吸收、分佈、代謝、排泄等規律及其與其劑型的關係、藥物相互作用及藥物代謝動力學原理，以研究藥物安全性和有效性，闡明藥物的劑型因素和人體的生物因素與療效的關係，為正確評價藥劑質量、合理製藥及臨床合理用藥提供科學根據。

This course aims at (1) study drugs safety and efficiency through drugs absorption, distribution, metabolism, excretion, as well as the drugs interaction and pharmacokinetics (2) illustrate the correlation of dosage form and physiological factors on curative effect, (3) study quality evaluation on dosage forms, and (4) interpret scientific data on the rationalization in drug application and clinical application

PCMD 3026 中藥藥理學 (3,3,0) (tbc)
Herbal Pharmacology

重點介紹常用中藥的現代藥理學研究進展及其與臨床應用的聯繫，同時了解中藥藥理研究的常用方法。

This course aims to allow students to understand how herbal drugs modify biochemical, molecular and physiological processes in health and disease. It equips students with sufficient training in skills and techniques for pharmacological research, drug development and screening, and biomedical laboratory analysis. It makes particularly effective combinations with chemistry, pharmacology, pharmaceutical science, biochemistry, biomedical chemistry, microbiology, biological computing, forensic science and herbal medical sciences.

PCMD 3027 中藥藥理學實驗 (1,0,3) (tbc)
Herbal Pharmacology Laboratory

重點介紹常用中藥的現代藥理學研究進展及其與臨床應用的聯繫，同時了解中藥藥理研究的常用方法。

This course provides students with practical training by applying their knowledge and techniques to perform selected experiments, which enable students to get familiar with the methods for investigating the efficacy of Chinese medicines in animals.

PCMD 3035 Advances in Modern Research (3,3,0) (tbc)
of Chinese Materia Medica

學習和瞭解用現代科技手段和方法研究天然藥物（含中藥）的進展和動態。

To study and master the progress and advances of modern scientific research in Chinese materia medica.

PCMD 3036 中醫食療與保健 (3,3,0) (tbc)
Health Care in Chinese Medicine

中醫食療與保健為中藥專業的選修課程。其任務是通過本課程的教學，使學生掌握中醫飲食療法和養生保健的基本理論知識及應用技能。

This course covers the basic concepts of nutriology, the characteristics and content of nutriology in Chinese medicine, as well as the application in clinics. It also introduces the theory and method of health maintenance in Chinese medicine.

PCMD 4005 Supervised Practicum II (2,*,*) (tbc)

畢業實習是學生走向工作崗位前的一次重要的社會實踐，同時也是實現中藥專業培養目標的一個極為重要的環節；它將使學生將三年所學的基礎課、專業基礎課、專業課與專業實踐有機的結合起來，從而培養學生的思維能力、工作能力和科研能力。

Supervised Practicum is to give students an opportunity to gain practical experience for their professional training in authentication of Chinese materia medica, special processing