

the students, under tutorial guidance, review and practice the knowledge obtained from the precious studies, and further establish professional skills for future work. The subject covers the knowledge of pharmaceutical botany, authentication and processing of Chinese materia medica, and quality control and assurance of pharmaceuticals of Chinese materia medica. The practicum will be conducted in the formats of hands-on work and site visits. It will be arranged at a botanical garden, pharmaceutical companies, hospitals and clinics of Chinese medicines, and institutions of Chinese medicines. This subject is an important social practice for the students before working in their position; it is also an important part in training of Chinese medicines professionals. The subject provides training for the students in their logical thinking, working independence and scientific research ability.

**PCMD 4006 中藥製劑分析 (3,3,0)**  
**Chinese Medicine Preparation Analysis**

先修科目：PCMD 2006 中藥化學及 CHEM 3025 分析化學  
本科目旨在教導學生應用各種經典化學分析方法和現代化儀器對各種劑型的中藥製劑進行分析測試的理論和方法，以滿足品質控制和規管上的需要。

Prerequisite: PCMD 2006 Phytochemistry and CHEM 3025 Chemical Analysis

This course aims at teaching students the various ways in qualitative and quantitative analysis of Chinese medicines using modern instrumental techniques, in order to satisfy the requirement of quality assurance and regulations.

**PCMD 4007 中藥製劑分析實驗 (1,0,3)**  
**Chinese Medicine Preparation Analysis—Laboratory**

兼修科目：PCMD 4006 中藥製劑分析  
本科目的為向學生提供化學分析的基本知識，以便日後能應用於解決中藥分析中的問題。

Co-requisite: PCMD 4006 Chinese Medicine Preparation Analysis

This course provides laboratory work complementary to the lecture course PCMD 4006 Chinese Medicine Preparation Analysis. It allows students to have hands-on experience in the analysis of some commonly used Chinese medicine preparations. It will train them to solve the analytical problems which will be encountered in their work.

**PCMD 4015 藥事管理學 (3,3,0)**  
**Management of Pharmaceutical Affairs**

學習藥事組織、內地及香港的藥事法、藥品質量管理、藥學經濟、藥品生產經營企業管理、藥房管理、藥學實踐中的行為科學、藥學情報評價和管理等內容，藉此指導學生認識中藥藥事管理的運行及其規則。

This course aims to provide students with the knowledge of management and operation of pharmaceutical affairs through the study of basic concepts in the management of pharmaceutical affairs, the legislation of drug administration in Hong Kong and the Mainland of China, the management of drug identifiers and drug advertisement, the management of drug distribution, international drug administration policies, the management of pharmacist, pharmacy, pharmaceutical products and Chinese medicine in Hong Kong, and pharmaceutical industry in Hong Kong. This course will teach students to analyze and distinguish various pharmaceutical phenomena and problems through social investigation.

**PCMD 4016 中藥新產品研究開發 (2,2,0)**  
**The Development of New Products from Chinese Materia Medica**

中藥新產品開發學是運用傳統的中醫藥理論和現代多學科知識和技術，進行中藥新產品研究開發的一門學科。

This one semester subject aims to introduce the knowledge of the research and development (R&D) of new product from Chinese medicine. The knowledge covers the product selection, formulation, processing, pilot manufacturing, quality control standard, stability testing, pharmacodynamics and mechanism, safety evaluation, clinical trials, product registration, intellectual

property rights protections, etc. This course will teach students to design R&D protocols for designated products by applying the knowledge of Chinese medicine, Chinese material medica, chemistry, pharmaceutical sciences, biomedical sciences learnt from other course in the previous study.

**PCMD 4017 中藥炮製學 (3,3,0)**  
**Unique Processing Methods of Chinese Medicines**

闡述和研究中藥炮製理論、工藝、規格標準、歷史沿革及其發展方向，以及運用現代科學方法探討中藥炮製對藥物的理化性質的影響，逐步搞清炮製原理，改進炮製工藝，制訂飲片質量標準；了解炮製工藝的理論及其炮製品在臨床中的應用原則。

This one-semester course aims to allow students to understand the theory, methods, evolution history and development trend of the processing of Chinese medicinal herbs; and to know the processing principle, technology improvement, quality standard and clinical applications of processed decoction pieces after they have learnt the Fundamental Theories of Chinese Medicine, Chinese Materia Medica, Medicinal Botany & Zoology, Chinese Medicinal Formulae, Pharmacology & Toxicology, Chemical Analysis, Phytochemistry of Chinese Materia Medica and Authentication of Chinese Materia Medica.

**PCMD 4025 Supervised Practicum III (0.5,\*,\*)**

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。

The 15 weeks subject is divided in three parts: Supervised Practicum I (PCMD1025: 2 weeks); Supervised Practicum II (PCMD4005: 12 weeks); Supervised Practicum III (PCMD4025: 4 site visits). Supervised Practicum I will be carried out in the summer after the first academic year, Supervised Practicum II in the summer after the third academic year, and Supervised Practicum III in the fourth academic year. It aims to have the students, under tutorial guidance, review and practice the knowledge obtained from the precious studies, and further establish professional skills for future work. The subject covers the knowledge of pharmaceutical botany, authentication and processing of Chinese materia medica, and quality control and assurance of pharmaceuticals of Chinese materia medica. The practicum will be conducted in the formats of hands-on work and site visits. It will be arranged at a botanical garden, pharmaceutical companies, hospitals and clinics of Chinese medicines, and institutions of Chinese medicines. This subject is an important social practice for the students before working in their position; it is also an important part in training of Chinese medicines professionals. The subject provides training for the students in their logical thinking, working independence and scientific research ability.

**PCMD 4035 Chinese Medicines (3,3,0)**  
**Merchandise Science**

The course will provide students with an understanding of the formula, manufacturing procedures, actions, indications, characteristics, specifications, and storages of commonly used Chinese medicines merchandises, including Chinese materia medica and Chinese proprietary medicines. The knowledge of business management of Chinese medicines industry, trade of Chinese medicines merchandises, resource of Chinese materia medica and geographically specific Chinese materia medica, collection and habitat processing of Chinese materia medica, authentication of Chinese medicines merchandises, quality control standard and quality control of Chinese medicines merchandises, packaging and storage Chinese medicines merchandises, and regulations on Chinese medicines merchandise etc. will be also introduced in this subject.

**PCMD 4036 Licensing Training for Pharmacist (3,3,0)**  
**in Chinese Medicines**

The course will provide students with a comprehensive review and in depth discussion on knowledge and skills that the students have been educated in this programme in line with the requirements

of licensed Chinese medicine pharmacist of Mainland China or of Hong Kong once the local licensing system of Chinese medicine pharmacist is established in future. The course aims to assist the student to pass through the license examination in Mainland China and, in future, in Hong Kong. The knowledge of management of pharmaceutical affairs, pharmacy laws, Chinese materia medica, pharmaceuticals in Chinese materia medica, unique processing methods of Chinese medicines, authentication of Chinese medicines, phytochemistry, and comprehensive knowledge and skill of Chinese medicines, etc. will be reviewed and discussed in this subject.

#### PCMD 4898-9 Honours Project I & II (3,\*,\*)

This Honours Project will focus on the following 4 research fields: (1) Identification of crude drugs and Chinese Patent drugs; taxonomy of medicinal plants; (2) Natural products chemistry and quality assessment of Chinese Materia Medica; (3) Research and development of new products from Chinese medicines; Pharmaceutics of Chinese Medicines; (4) Pharmacology and toxicology of Chinese medicines; and (5) Intellectual property and administration of proprietary Chinese medicines.

Under the supervision of a teaching staff (Principal Supervisor or Co-supervisor) of the School of Chinese Medicine, each final year student will carry out an independent research topic belonging to one of the above fields. During the period of the Honours Project, the students will conduct literature searching and review, lab procedure design, experimental operation and handling, data analysis and interpretation, and summarization of the research results. At the end of the projects, the students are required to deliver an oral presentation and write a thesis.

P.E.	1110	Physical Education (Badminton)	(0,2,0) (C)
P.E.	1120	Physical Education (Basketball)	(0,2,0) (C)
P.E.	1140	Physical Education (Folk Dance)	(0,2,0) (C)
P.E.	1150	Physical Education (Gymnastics)	(0,2,0)
P.E.	1160	Physical Education (Handball)	(0,2,0)
P.E.	1170	Physical Education (Jazz Dance)	(0,2,0) (C)
P.E.	1180	Physical Education (Soccer)	(0,2,0) (C)
P.E.	1190	Physical Education (Social Dance)	(0,2,0) (C)
P.E.	1200	Physical Education (Softball)	(0,2,0) (C)
P.E.	1220	Physical Education (Swimming)	(0,2,0) (C)
P.E.	1230	Physical Education (Table Tennis)	(0,2,0) (C)
P.E.	1240	Physical Education (Tennis)	(0,2,0) (C)
P.E.	1250	Physical Education (Volleyball)	(0,2,0) (C)
P.E.	1260	Physical Education (Wushu—Taichi)	(0,2,0) (C)
P.E.	1270	Physical Education (Track and Field)	(0,2,0)
P.E.	1280	Physical Education (Special Physical Education I)	(0,2,0) (C)
P.E.	1290	Physical Education (Special Physical Education II)	(0,2,0) (C)
P.E.	1330	Physical Education (Aerobic Fitness and Conditioning)	(0,2,0) (C)
P.E.	1340	Physical Education (Muscular Fitness and Conditioning)	(0,2,0) (C)
P.E.	1360	Physical Education (Golf)	(0,2,0) (C)

These non-credit compulsory courses are required of all students under the Complementary Studies Programme except those students who study Physical Education and Recreation Management (or Sport and Recreation Leadership). Each of the undergraduate students is required to take two different Physical Education courses throughout their studies in the University and only one Physical Education course in any semester. A basic introduction is given to the principles and prescription of health and physical fitness programmes. Practical experience of selected fitness exercise is also provided. Each of the above-mentioned courses aims to acquaint students with the fundamental knowledge and skills of the sport. Subject to approval by the Department of Physical Education, students with health problems may apply to enrol in a special Physical Education course.

P.E.	1410	Physical Education (Badminton)	(1,2,0)
P.E.	1420	Physical Education (Basketball)	(1,2,0)
P.E.	1440	Physical Education (Folk Dance)	(1,2,0)
P.E.	1450	Physical Education (Gymnastics)	(1,2,0)
P.E.	1460	Physical Education (Handball)	(1,2,0)
P.E.	1470	Physical Education (Jazz Dance)	(1,2,0)
P.E.	1480	Physical Education (Soccer)	(1,2,0)
P.E.	1490	Physical Education (Social Dance)	(1,2,0)
P.E.	1500	Physical Education (Softball)	(1,2,0)
P.E.	1510	Physical Education (Special Physical Education)	(1,2,0)
P.E.	1520	Physical Education (Swimming)	(1,2,0)
P.E.	1530	Physical Education (Table Tennis)	(1,2,0)
P.E.	1540	Physical Education (Tennis)	(1,2,0)
P.E.	1550	Physical Education (Volleyball)	(1,2,0)
P.E.	1560	Physical Education (Wushu—Taichi)	(1,2,0)
P.E.	1570	Physical Education (Track and Field)	(1,2,0)
P.E.	1630	Physical Education (Aerobic Fitness and Conditioning)	(1,2,0)
P.E.	1640	Physical Education (Muscular Fitness and Conditioning)	(1,2,0)
P.E.	1660	Physical Education (Golf)	(1,2,0)

These courses are primarily designed for international students. Local students may enrol in the above PE courses after they had completed the non-credit compulsory PE courses under the Complementary Studies Programme subject to quota availability. A basic introduction is given to the principles and prescription of health and physical fitness programmes. Practical experience of selected fitness exercise is also provided. Each of the above-mentioned courses aims to acquaint students with the fundamental knowledge and skills of the sport.

P.E.	1620	Principles and Problems of Coaching	(2,2,0)
------	------	-------------------------------------	---------

This course introduces students to the role of coaching and highlights the selected concepts and principles of psychosocial aspects in coaching. Special attention is given to dealing with sports injuries and ergogenic aids. The course also emphasizes coaching problems associated with motivation and emotion, the planning, training and conditioning methods of the individual and the whole team. This course is especially designed to broaden the knowledge of students seeking a career in human services like social work, recreation and sports management, teaching and working in community agencies and for those who will be serving as voluntary coaches in schools, companies and community agencies.

P.E.	1711-2	Physical Education (University Team)	(0,0,2)
P.E.	2111-2	Physical Education (University Team)	(0,0,2)
P.E.	3111-2	Physical Education (University Team)	(0,0,2)

Prerequisite: University team member

These courses cover the rules, skills and refereeing involved in several popular sports, including basketball, football, volleyball, badminton, tennis, table-tennis, swimming, squash, cross country and track and field.

P.E.	7010	Programme and Event Planning and Management	(3,3,0)
------	------	---	---------

This course aims to provide a common foundation for students by presenting a coherent vocabulary for conceptualizing and discussing the functions of programme, event and facility management. Upon completing the course, students are expected to be conversant with current development in design, planning in programme, event and facilities; have an overview of programme, event and facilities management; and have some insights in the implications of programme/event planning and management in specific cases locally as well as in mainland China and overseas.