

COURSE DETAIL

TRADITIONAL CHINESE MEDICINE AND PHARMACOGNOSY

Country

Hong Kong

Host Institution

Chinese University of Hong Kong

Program(s)

Chinese University of Hong Kong

UCEAP Course Level

Lower Division

UCEAP Subject Area(s)

Health Sciences

UCEAP Course Number

21

UCEAP Course Suffix**UCEAP Official Title**

TRADITIONAL CHINESE MEDICINE AND PHARMACOGNOSY

UCEAP Transcript Title

TRAD CHINESE MED

UCEAP Quarter Units

3.00

UCEAP Semester Units

2.00

Course Description

Pharmacognosy is the science of bioactive nature-derived compounds with pharmaceutical or nutraceutical applications. Traditional Chinese medicine and alternative medicine use many crude herbs or extracts. Understanding the origin, identification, development, production, control and usage of traditional Chinese medicine and other natural products is important for drug development, phytotherapy, and nutraceuticals. This introductory course first covers the fundamentals of modern pharmacy and medicine, and the basic concepts of traditional Chinese medicine. Next, it explores the extraction of various chemical constituents, authentication analysis and quality control of plant derived extracts, and the regulatory measures of traditional Chinese medicine. The course concludes with discussion of more advanced topics including application of pharmaceutically active compounds in common diseases; good agricultural, cultivation, manufacturing practices of traditional Chinese medicine; and, herbal-drug interactions.

Language(s) of Instruction

English

Host Institution Course Number

SBMS2201

Host Institution Course Title

TRADITIONAL CHINESE MEDICINE AND PHARMACOGNOSY

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Biomedical Sciences

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