

physical principles behind each technique. The techniques that will be covered include NMR, EPR, mass spectrometry and X-ray crystallography.

CHEM 7730 Analytical Process and Applied Statistics (3,2,0)

Prerequisite: Postgraduate standing

The objective of this course is to help the students to develop an analyst's approach to solve chemical analytical problems by equipping them with important basic tools including statistics, sampling and analytical planning, data treatment and interpretation, and experimental design.

CHEM 7740 Chemical Instrumentation (3,2,0)

Prerequisite: Postgraduate standing

Important concepts and developments in chemical instrumentation will be introduced. The student will acquire a better appreciation of the capabilities and limitations of these new tools which will help them make better choices of instruments and methods in real life analytical problems. The material in this course will be updated from time to time to reflect the most recent trend in instrument development.

CHEM 7760 Analytical Spectroscopy (3,2,0)

Prerequisite: Postgraduate standing

This course reviews the basic principles of modern spectroscopy and their applications at an advanced level. Emphasis is laid on the instruments used most commonly in elemental analysis (atomic spectroscopies) on the one hand and those for the analysis of molecular and ionic species in solution (optical spectroscopies) on the other.

CHEM 7770 Polymer Chemistry (3,3,0)

Prerequisite: Research postgraduate student standing

This course is designed to introduce topics covering polymerization processes, characterization of polymers and polymer related technology.

CHEM 7780 Bioorganic and Natural Products Chemistry (3,3,0)

Prerequisite: Research postgraduate student standing

This course deals with the biosynthesis of natural products of all kinds. The interaction of some natural and synthetic molecules with living systems are to be discussed.

CHEM 7790 Organic Synthesis (3,3,0)

Prerequisite: Research postgraduate student standing

This course gives an outline on the basic concepts and methodologies of building up an organic molecule. Topics covered include carbon-carbon bonds formation, functional groups transformations and total synthesis of several selected molecules of widely differing types of structure.

CHEM 7800 Organometallic Chemistry (3,3,0)

Prerequisite: Research postgraduate student standing

The objective of this course is to provide a concise introduction to Organometallic Chemistry. Upon completion of the course, the students will have a fundamental understanding of (1) reaction mechanisms, (2) synthesis and reactivities, and (3) industrial applications of organometallic complexes.

CHEM 7810 Advanced Materials (3,3,0)

Prerequisite: Research postgraduate student standing

This course is devoted to the study of important topics in different areas of advanced materials with current research interest.

CHEM 7820 Food Safety Analysis (3,2,0)

Prerequisite: Research postgraduate student standing

This course addresses the principles and applications of various analytical tools in food safety analysis. Most up-to-date analytical techniques for food safety monitoring with local relevance will be discussed in details.

CHI 1110 文學概論 (3,2,1) (C)

Introduction to Literature

本科目通過對文學觀念各層面的基本了解，及對中國文學概論的認識，培養學生欣賞及評價文學的能力。

This course familiarizes students with the basics of literature in general and Chinese literature in particular, aiming to cultivate their capability in analysis of literary works.

CHI 1120 現代漢語語法 (3,2,1) (C)

Modern Chinese Grammar

本科目旨在培養學生運用、分析、說明現代漢語的能力。

This course is designed to enhance students' ability to use, analyse and illustrate modern Chinese.

CHI 1130 中國文字學 (3,2,1) (C)

Chinese Etymology

本科目旨在使學生對於中國文字形體的流變與用法有一定瞭解。

This course familiarizes students with the evolution and use of the Chinese vocabulary and writing system.

CHI 1150 歷代中國詩選 (3,2,1) (P)

Selected Readings in Classical Chinese Poetry

本科目旨在培養學生對中國古典詩歌的興趣、閱讀、欣賞和寫作等的能力，提高學生文學修養，助長個人心智發展。

This course is intended to cultivate students' interest in classical Chinese poetry and enhance their capabilities in reading, analysing, and writing Classical Chinese poetry. Students are thereby trained to achieve a higher goal in literary studies and in intellectual growth.

CHI 1170 讀書指導 (3,2,1) (C)

Study Skills and Research Methodology

本科目旨在使學生掌握中國語言及文學的基本方法，為學生在大學數年的學習、畢業論文寫作、以及日後獨立研究奠定基礎。

This course introduces students to the basic research methods of Chinese language and literature. Students will establish a sound basis for their undergraduate work, Honours Project and future independent studies.

CHI 1180 古代漢語 (3,2,1) (C)

Classical Chinese

本科目旨在提高學生閱讀及運用古代漢語資料之能力。

This course aims at enhancing students' ability to read and make use of materials in classical Chinese.

CHI 1190 崑曲文學及清唱藝術 (3,2,1)

Art of Kunqu

本科目旨在培養學生文藝欣賞能力，提昇藝文素養，及融通文化知識與藝文經驗的能力。

This course aims to acquaint students with the art of *Kunqu* by introducing its fundamentals and by providing basic trainings in its performance.

CHI 1210 中國文學與大眾文化 (3,2,1)

Life Style, Chinese Literature, Mass Culture

本科講授中國文學與大眾文化之間的多元關聯，旨在提高學生對具體時代語境下所產生的文化／文學的認識及對各類文化現象的分析能力。

The course is intended to explore the multi-facet relationship between mass culture and literary works. The curriculum aims to (1) cultivate students' awareness of certain literary and cultural phenomena in a historical context, and (2) develop their skills in analysing these phenomena.

CHI 1220/ 英譯中國名著選讀 (思想文化) (3,2,1)

CHIL 2045 Classical Chinese Masterpieces in English (Thought and Culture)

The course caters for the needs of both native and non-native Chinese speakers. It serves as a gateway for non-native speakers whose Chinese proficiency has not reached a level adequate for reading the texts in their original language, to cultivate their interest in traditional Chinese culture. For native speakers, the course provides a different kind of training whereby students

may develop their problem-solving skills, gain new insights, and enhance their open-mindedness, through exposure to different ways of looking at traditional Chinese culture. In this unique learning environment, they will be prompted to contemplate and reconsider their approach to and understanding of the culture in which they have been brought up.

CHI 1230/ 英譯中國名著選讀 (古代文學) (3,2,1)
CHIL 2046 Classical Chinese Masterpieces in English (Classical Literature)

The course caters for the needs of both native and non-native Chinese speakers. It serves as a gateway for non-native speakers whose Chinese proficiency has not reached a level adequate for reading the texts in their original language, to cultivate their interest in traditional Chinese culture. For native speakers, the course provides a different kind of training whereby students may develop their problem-solving skills, gain new insights, and enhance their open-mindedness, through exposure to different ways of looking at traditional Chinese culture. In this unique learning environment, they will be prompted to contemplate and reconsider their approach to and understanding of the culture in which they have been brought up.

CHI 1610 中國文學欣賞 (3,2,1)
Appreciation of Chinese Literature

本科目專為從未接受文學專業訓練、但對中國文學有興趣的同學而設。科目設計以作品之賞析為主，並輔以中國文學藝術特質之簡介，旨在通過引介著名中國文學作品以喚起學生自發研讀中國文學作品的興趣。

This course is designed for students who have never received professional training in literary studies. The course places emphasis on the analysis and appreciation of literary works, and provides a brief introduction to the characteristics of Chinese literature and art. Through the readings of seminal literary works, this course aims to cultivate students' interest in Chinese literature.

CHI 2010 中國文學史 (先秦至五代) (3,2,1) (P)
History of Classical Chinese Literature (Pre-Qin to the Five Dynasties)

本科目著重教授先秦兩漢魏晉南北朝隋唐五代文學史基本知識，旨在培養學生全面思考及融會貫通的能力，訓練學生具有歷史的眼光。

The course is intended to train students in the: (1) acquisition of basic knowledge of the development of Chinese literary history from the pre-Qin period to the Five Dynasties Period (ca 12th century BCE to 11th century CE); (2) cultivation of comprehensive thinking and analytical power; and (3) development of historical insights.

CHI 2020 中國文學史 (宋至清) (3,2,1) (P)
History of Classical Chinese Literature (Song to Qing Dynasties)

本科目著重教授先秦兩漢魏晉南北朝隋唐五代文學史基本知識，旨在培養學生全面思考及融會貫通的能力，訓練學生具有歷史的眼光。

The course is intended to train students in the: (1) acquisition of basic knowledge on the development of Chinese literary history from the pre-Qin period to the Five Dynasties Period (ca 12th century BCE to 11th century CE); (2) cultivation of reasoning and analytical power; and (3) development of historical insights.

CHI 2110 詩經 (3,2,1) (P)
Shi Jing

本科目旨在培養學生欣賞、分析《詩經》作品之能力，掌握《詩經》之研究的不同角度及方法，並鼓勵學生創作四言詩歌。本科設置的目的是希望通過這部經典的研讀，使學生打下經典知識的基礎，另一方面也使學生培養獨立研讀經典的能力。

This course aims to enhance students' ability to analyse and appreciate the works in the *Book of Songs*. Through careful analysis of these works, students would be trained to view this classic from different angles, and be able to attempt different methodologies to conduct preliminary research.

CHI 2120 漢語音韻學 (3,2,1) (C)
Chinese Phonology

本科旨在於指導學生學習漢語各個時期的聲、韻、調系統及其發展的規律，以提高閱讀古書和研究古典文學、文獻的能力，並為在漢語語言學方面的進一步研究，奠定良好的基礎。

This course is designed to familiarize students with a knowledge of the initials, the finals and the tones of the Chinese language in its various stages of development, so that they may be able to comprehend historical phonology through the schemes of the language. Theory and practice should be equally emphasized to equip students not only with the knowledge of phonology, but also with the ability to study and appreciate classical literature more intelligently.

CHI 2130 歷代中國散文選 (3,2,1) (C)
Selected Readings in Classical Chinese Prose

本科目的在於提高學生閱讀古籍的能力，充實其對古典散文的認識，使學生通過學習而了解文章的精妙之處，並改進其閱讀方法及提昇其對文本的理解能力。

This course aims at improving students' proficiency in reading Chinese classics and thereby enriching their knowledge of classical literature. Students will be guided to understand the art of classical Chinese prose, equip themselves with effective reading strategy, and enhance their analytical skills.

CHI 2180 中國古典小說 (3,2,1)
Classical Chinese Fiction

本科目旨在使學生了解中國古典小說的發展及各期作品的特殊形式，並培養學生分析、鑑賞作品的能力。

This course is concerned with the historical development and various genres of classical Chinese fiction, with the purpose of cultivating the students' ability in literary analysis and appreciation.

CHI 2190 莊子 (3,2,1) (C)
Zhuang Zi

本科目旨在讓學生透過深入研讀《莊子》，考察其在中國文化中之影響，以培養學生對道家思想的理解、及提昇闡析及批判思考能力。

Students will be guided to make an in-depth study on the book of *Zhuang Zi*, to fully understand *Zhuang Zi's* major ideas, to investigate his literary style, his communicative skills, and to observe the impact he makes on Chinese culture.

CHI 2250 公務及廣告文書寫作 (3,2,1)
Business and Advertisement Writing

本科目旨在提高學生日常公務及廣告文書的寫作能力，從理論到實踐，均能達到專業水平，以供日常生活、職業及公務之所需，以應商業推銷、文書溝通及宣傳之要求。

This course is intended to train and consolidate students' skills in business and advertisement writing, aiming to achieve a professional level both in theory and in practice, in order to meet the needs for practical use in daily life and business life.

CHI 2260 論語 (3,2,1) (C)
Lun Yu

本科旨在使學生通過原典研讀，掌握孔子思想，並明瞭儒學要義。培養學生閱讀經典注疏，獨立進行思想分析之能力。

Through a detailed study of the original text, students will be able to grasp the main teachings of Confucius and the tenets of Confucism.

CHI 2310 中國現當代文學 (1917—現在) (3,2,1) (P)
Modern and Contemporary Chinese Literature (1917—present)

本科旨在闡明二十世紀初至今現當代中國文學的演變，並指導學生閱讀、分析重要作家的代表作品，以培養學生分析、鑑賞作品的能力。

This course is concerned with the historical development of modern and contemporary Chinese literature since the beginning of the 20th century. Students are also guided to study selected works of major authors of different schools for the purpose of cultivating their ability in literary analysis and appreciation.