LCS 3380 Hong Kong Cinema and Society (3,2,1) (E)
This course aims to enhance students' understanding of how Hong Kong cinema have been shaping and shaped by the local society and the global context of film-making. To this end, students will also learn a wide range of general approaches to film studies and the question of appropriate approaches to different periods of Hong Kong film development will be fully examined.

LLAW 1005 Law in Hong Kong (3,3,0)
The course offers a new and interesting way of learning about Hong Kong laws. There is no text book and the course is based entirely on discussion on Hong Kong cases selected and presented by the students on their research on the web and library. Therefore each session will be unique as the topic and content are decided by the students. After attending this course, the students will learn how to do legal research to find out the law. This course is offered to non-BBA students only.

LLAW 1007 Law for Hong Kong Business (3,3,0)
Besides the introduction of the legal systems and relevant laws in Hong Kong, this course offers a new and interesting way of learning about Hong Kong laws by emphasizing on discussion on Hong Kong cases selected and presented by the students on their research on the web and library. Therefore each session will be unique with different topics and content to be introduced and discussed by the students. After attending this course, the students will gain a general understanding of laws in Hong Kong and be able to do basic legal research to find out the law.

LLAW 2005 Principles of Law (3,3,0) (E)
Prerequisite: GCLA 1009 English II or equivalent
This course introduces to students the principles of Hong Kong legal system and the common law, and how the various branches of Hong Kong law are evolved and integrated over time. Special emphasis is also placed on the Law of Contract, Law of Tort and Agency Law.

LLAW 3005 Company Law (3,3,0)
Prerequisite: LLAW 2005 Principles of Law
This course aims to provide students with an understanding of the basic principles of company law including the formation of company, records, share and loan capital, management and administration, reconstruction and amalgamation, liquidation and receivership. On completion of this course, students should be able to solve some of the legal problems in practical business situations.

LLAW 3006 Legal Aspects of China Business (3,3,0)
Prerequisite: LLAW 2005 Principles of Law
This course aims to introduce to students some of the major areas of Chinese commercial law that are of common concern to foreign businessmen doing business in China, which include its historical development and principles, its application in equity joint ventures, co-operative joint ventures, wholly foreign owned enterprises and to foreign exchange problems, tax, trade and investments in China.

LSE 7010 Approaches to the Study of Values (3,3,0)
This course begins with an introduction to both religious and philosophical moral theories and principles in preparing students to analyse important issues that they face in their daily life. In order to enhance their social awareness, an issue-enquiry approach will be used to train them applying those methods derived from these theories and principles in facilitating morally acceptable solutions. This course will also help students learn how to conduct research projects on ethical issues in major areas of liberal studies.

LSE 7020 Critical Thinking for Liberal Studies (3,3,0)
To tackle and resolve many of the issues in liberal studies demands strong analytical power and good skills of critical thinking. This course mainly provides for secondary school teachers a basic introduction to critical thinking, with the emphasis on applications to issues in liberal studies. Students in this course are expected to learn the basic skills in logico-linguistic analysis, the detection of fallacies and logical and scientific methods. Examples will be mainly taken from the areas covered by liberal studies.

LSE 7030 Ethical Issues in Personal Development and Interpersonal Relationships (3,3,0)
Senior secondary school students typically experience a number of ethical challenges as they grow and begin the transition into adulthood. These may relate not only to the physiological changes they are experiencing, but also to their psychological development, their social adjustment, and their philosophical and religious self-understanding as human beings in a rapidly-changing world. This course mainly prepares secondary school teachers to deal with such issues in a direct and responsible manner as they arise during the teaching of the liberal studies curriculum. Emphasis will be placed on both a theoretical grounding in and a practical application of scholarly views on topics such as sexual difference, self-esteem, personal growth, stress-management, ethical decision-making, religious commitments, basic lifestyle choices, and fostering of harmonious relationships with family, friends, and potential life partners.

LSE 7040 Values and Socio-Cultural Issues in Hong Kong Today (3,3,0)
This course intends to provide better understanding of contemporary Hong Kong through an examination of various socio-cultural issues. The issues will be studied in broader social, cultural and religious contexts and examined critically from an axiological perspective. Students are expected to acquire a sense of value that extends beyond the mere acquisition of knowledge. However, due cognizance will be taken to the need of helping students to be better prepared to teach related programme. Some discussion themes covered in this programme have been intended to match the requirements of the curriculum structure for liberal studies in secondary schools.

LSE 7050 Traditional Values and Moral Challenges in Modern China (3,3,0)
This course begins with an introduction to the background of the reform and opening-up drive of China since the end of 1978. Then the impacts of this reform and opening-up process on the evolution of Chinese culture will be examined. It ends with a critical reflection on the modernization and future development of Chinese culture. It mainly deals with the issues intended to match the requirements of the curriculum structure for liberal studies in secondary schools.

LSE 7060 Globalization: Cultural and Ethical Issues (3,3,0)
This course will critically discuss the entrenched and enduring patterns of worldwide interconnectedness in our times known as globalization. Though the dynamic of globalization is basically economic, the cultural and political features of this process will be given equal attention. In the light of the multifaceted impact of globalization, this course will analyse the moral debate between its critics and defenders and will provide critical assessments from both philosophical and religious perspectives. It mainly deals with the issues intended to match the requirements of the curriculum structure for liberal studies in secondary schools.

LSE 7070 Public Health and the Common Good (3,3,0)
In the course we will examine the experience of health and illness at the societal level from both scientific and ethical perspectives. The course seeks to reveal the spread of diseases and health problems in the population, and their determining factors. It also asks how do populations and groups of individuals go about securing their health? In particular we will consider the

major health problems that have had the greatest impact on our community and their causes, and the place of science and technology in dealing with related problems. The emphasis will be put on how scientific reasoning has been used to solve health problems. In this course, the roles of the individual and society in maintaining good public health and handling possible public health crises will also be explored. We will discuss, in particular, the responsibilities of individuals, health care professionals and government in maintaining and promoting public health. In this connection, individuals' rights in general and patients' rights in particular will be discussed, and moral issues arising from the allocation of public resources and using biotechnology in public health care will be examined.

LSE 7080 Science, Technology and Environmental Ethics (3,3,0)

This course deals with the ethical dilemma of modern application of science and technology in our pursuit of a better world. Science and technology have greatly enhanced the quality of our lives and our productivity. Yet, they do so at the expense of the environment and other life forms including our future generations. The ethical problem of the effects of science and technology on the environment will be tackled critically from historical, ethical, religious, and individual perspectives. This course mainly deals with the issues intended to match the requirements of the curriculum structure for liberal studies in secondary schools.

LSE 7090 Religion and Liberal Studies (3,3,0)

The study of religion is highly relevant to liberal studies. This course introduces to students the multifaceted relationship between religion and other components of culture, society, and the various dimensions of the human self. Different approaches to the study of religion will also be introduced.

LSE 7100 Cross-modular Topics in Liberal Studies (3,3,0)

Several issues which encompass multiple dimensions of themes pertinent to liberal studies will be explored, so that students' understanding of the interconnectedness of these areas of study and means of teaching them to senior secondary school students will be enhanced. Issues studied here will engage explorations into different perspectives of liberal studies and the insights gained by understanding their interrelationships. These perspectives will have three main areas of study—self and personal development; society and culture; science, technology and the environment—as well as any one or several of the issues involved in independent inquiry (e.g. media, education, religion, sports, arts, information and communication technology).

LSE 7111-2 Dissertation (3,*,*)

This is an optional class for competent students who have determined an appropriate topic through consultation with their chosen faculty adviser. Students will pursue in-depth research on a specific topic in Liberal Studies. Pertinent themes include those related to any of the three main areas of study—self and personal development; society and culture; science, technology and the environment—as well as topics itemized as relevant areas for independent inquiry which also engage more or less with the above three main areas of studies (e.g. media, education, religion, sports, arts, information and communication technology). The length of the dissertation should be either about 15,000 Chinese characters or about 12,000 English words (not including bibliography and footnotes).

MATH 1000 Supplementary Mathematics (Calculus and Linear Algebra) (0,3,0) (E)

This course deals with the basic linear algebra, elementary functions and elementary calculus. It provides a good foundation for the students who have not taken AL Pure Mathematics.

MATH 1005 Calculus (3,3,0) (E)

Prerequisite: HKDSE Mathematics-Compulsory Part

This course is intended to introduce general calculus of a single real variable. It will help students to understand the basic concepts and fundamental theories of differentiation, integration and their applications.

MATH 1111 Mathematical Analysis I (3,3,1) (E)

Prerequisite: Year I standing

This course deals with the basic theory of analysis in real-valued functions in single variable. It provides students with a good foundation for more advanced courses in the mathematical science major. Topics include real numbers, sequences and series, limit and continuity, differentiation and indefinite integral.

MATH 1112 Mathematical Analysis II (3,3,1) (E)

Prerequisite: MATH 1111 Mathematical Analysis I

This course deals with the basic theory of analysis in real-valued functions in single variable. It provides students with a good foundation for more advanced courses in the mathematical science major. Topics include sequences and series, Riemann integrals and power series.

MATH 1120 Linear Algebra (3,3,1) (E)

Prerequisite: Year I standing

Linear equations, matrices, determinants. Introduction to vector spaces and linear transformations and bases. Inner products and orthogonality. Eigenvalues and eigenvectors; diagonalization. Least squares problems. Applications. The course emphasizes matrix and vector calculations and applications. Numerical experiments with Matlab© in advanced lecture.

MATH 1130 Discrete Structures (3,2,1) (E)

This course addresses a variety of fundamental topics in computer science, including propositional logic, proof technique, set theory, combinatorics, graph theory, and Boolean algebra.

MATH 1140 Computational Mathematics (3,3,0) (E)

Prerequisite: MATH 1000 Supplementary Mathematics (Calculus and Linear Algebra) or Grade D or above in AL Pure Mathematics

This course aims to introduce Computer Science major students to the basic concepts in modern computational mathematics and its application. It provides various solid fundamental concepts and knowledge for modelling, real life application and optimization. Topics include advanced vector Algebra, number system, linear systems, various numerical methods, power method, numerical optimization and multivariable calculus. Practical applications and programming techniques are both emphasized.

MATH 1205 Discrete Mathematics (3,3,0) (E)

Prerequisite: HKDSE Mathematics-Compulsory Part

This course integrates the fundamental topics in discrete mathematics and linear system. These topics, including propositional logic, proof methods, set theory, combinatorics, graph algorithms, Boolean algebra, and system of linear equations, are essential for precise processing of information.

MATH 1550 Calculus and Linear Algebra (3,3,0) (E)

This course introduces topics in linear algebra, mathematical analysis and differential equations. Applications to chemistry are provided.

MATH 1570 Advanced Calculus (3,3,0) (E)

Prerequisite: Year I standing

This course gives students fundamental mathematical knowledge in a wide variety of areas including vector algebra, vector differentiation and integration, as well as an introduction to baisc linear algebra.

MATH 1590 Calculus and Linear Algebra for Chemistry (3,3,0) (E)

This course introduces topics in linear algebra, mathematical analysis and differential equations. Applications to chemistry are provided.