

ENGL 4026 Exploring Intercultural Communication through Films and Literature (3,3,0)

Prerequisite: ENGL 2005 Introduction to the Study of Language

This course will (1) introduce students to the linguistic and communication theories underpinning intercultural understanding; (2) evaluate the different paradigms of intercultural communication; (3) enable the understanding of processes, types and forms of some creative productions such as films; (4) explore the nature and functions of creative productions in intercultural communication; and (5) evaluate the different data sources of intercultural communication, i.e. the advantages and disadvantages of using authentic data and creative productions.

ENGL 4027 Exploring Bilingualism and Bilingual Education (3,3,0)

Prerequisite: ENGL 2005 Introduction to the Study of Language

This course will (1) familiarize students with the variety of interdisciplinary perspectives on bilingualism and bilingual education; (2) expose students to major concepts and theories concerning bilingualism and bilingual education; and (3) enable students to apply the concepts and theories introduced to the analysis of important issues in the Hong Kong situation.

ENGL 4035 Functional Grammar (3,3,0)

Prerequisite: ENGL 2005 Introduction to the Study of Language

This course will (1) introduce relevant theorems within functional grammar; (2) familiarize students with the explanatory aims of each module; and (3) create awareness of the major functional patterns of the English language.

ENGL 4036 Language, Communication and Advertising (3,3,0)

This course will (1) introduce students to different approaches to the study of advertisements, including semiotics, grammar of visual design, discourse analysis and multimodality; (2) introduce students to the whole range of communicative features in advertisements and commercials, including text (linguistic and paralinguistic features), image, composition, colour, and sound, and to illustrate how and what they communicate; and (3) allow students to apply their knowledge of advertising to analyses of different types of advertisements and commercials.

ENGL 4037 Language and the Workplace (3,3,0)

Prerequisite: ENGL 2005 Introduction to the Study of Language

This course will (1) introduce the functions of language in the workplace; (2) examine the different linguistic frameworks to study the texts and conversations in the workplace; (3) examine the ideologies of work in creative productions such as film and literature; (4) appreciate the use of the workplace in creative productions; and (5) compare the meaning of work in different cultures.

ENGL 4045 Language in Education (3,3,0)

Prerequisite: ENGL 2005 Introduction to the Study of Language

This course will (1) help students grasp the essential characteristics of children's developing communicative competence at home and school; (2) demonstrate the variations in the level and profile of language development depending on home conditions; (3) enable understanding of the role language plays in school functioning and in learning; (4) enable analysis of educational discourse, whether from the oral conduct of classes, the printed school texts, or, student writings; and (5) familiarize students with the basic policies on language in education.

ENGL 4047 Perspectives on Universal Themes (3,3,0)

Prerequisite: ENGL 2005 Introduction to the Study of Language

This course will (1) help students relate at a philosophical level the themes in linguistics that cut across disciplines; (2) broaden students' perspectives on the properties of their discipline by placing it in the larger context of academic inquiry; (3) cultivate students' interest in issues outside their field of training.

ENGL 4055 Stories of English (3,3,0)

Prerequisite: ENGL 2005 Introduction to the Study of Language

This course will (1) provide students with an understanding of the historical development and of the present state of the English language around the world; and (2) familiarize students with both the internal and external principles of language change and language diversity.

ENGL 4056 Theoretical Linguist Meets World (3,3,0)

Prerequisite: ENGL 2005 Introduction to the Study of Language

This course will (1) enable students to relate and apply their training in theoretical linguistics to a wider spectrum of disciplines and to the practicalities of daily life; (2) broaden students' perspectives on the relevance of other disciplines to linguistics; (3) cultivate a sense of a larger academic context; and (4) provide greater interdisciplinary scope.

ENGL 4057 Unravelling Syntax (3,3,0)

Prerequisite: ENGL 2005 Introduction to the Study of Language

This course will (1) introduce current theories of grammar, and the major contemporary research on formal syntax in particular; and (2) familiarize students with the explanatory aims of syntactic theorizing.

ENGL 4898-9 Honours Project (3,0,3)

This course will (1) require students to demonstrate their knowledge of the field within their selected topic, their research skills, as well as their ability to express their ideas in a persuasive and well-structured exegesis; and (2) engage the student in independent research and the production of an extensive research or creative project.

EPHM 7010 Sustainable Management Systems (3,3,0) (E)

The course focuses on different management approaches to sustainability from local to global perspectives. Focus will be on how environmental management system and environmental impact assessment can help achieve the goal of environmental sustainability.

EPHM 7020 Management of Public Health Risks (3,3,0) (E)

This course focuses on understanding the range, limitations and impact of public health policies. It also trains students to develop skills to identify the principal factors imposing impacts on human and other environmental species and to assess the significance of emerging issues in an objective manner.

EPHM 7040 Land and Water Resources Management (3,3,0) (E)

This course provides background information on water, soil and vegetation, as well as the effects of industrial and economic development on land quality and water safety. Different strategies on land and water resources management for sustainable development are also discussed.

EPHM 7050 Integrated Waste Management (3,3,0) (E)

The amount of waste/solid waste produced every day is tremendous and ways of properly handling and disposing them permanently have always been in demand. The course explores and compares different options and strategies in reducing,

handling, and treatment of solid waste with due emphasis on the importance of adopting an integrated approach in managing waste.

EPHM 7070 Research and Environmental Monitoring Methodology (3,3,0) (E)

The course focuses on different approaches and methods to conduct environmental monitoring and environmental research. Basic principles of these research and monitoring methods will be dealt with adequately so that students will be able to formulate their own research or monitoring strategies to deal with new environmental problems when they have completed the course.

EPHM 7110 Principles of Environmental Management (3,3,0) (E)

This course studies ecosystems and its relationship with atmospheric, hydrological and geomorphological systems. The impacts of human activities on the delicate balance of ecosystems, as well as the ethical bases of conservation biology, will also be examined. The course introduces the basic principles in environmental management, illustrates scientific principles by building on worldwide and familiar examples, and encourages students to become personally involved with solving environmental problems.

EPHM 7311-2 MSc Dissertation (3,*,*)

This project is designed for students to apply and integrate theories learnt to real-life problems so that better understanding of the environmental issues will be resulted. Through the execution of the project, students will also learn the proper ways of conducting research and preparing documents for review.

EPHM 7320 Occupational Health and Safety Management (3,3,0) (E)

This course provides an understanding on occupational health and safety with due emphasis on a variety of commonly adopted management approaches and methods. This includes the identification procedures for the principal causes of ill health and poor safety at workplace and strategies for eliminating or ameliorating them. The legal and operational aspects of occupational health and safety are also adequately dealt with.

EPHM 7330 Food Quality, Law and Safety Management (3,3,0) (E)

The course is designed to introduce students to the growing consumer demand in food safety and growing awareness of the food industry in the importance of maintaining high food quality. This course covers the principles and international standards of food quality and safety management, and provides an understanding of the legislative control related to food quality, safety and human health protection in Hong Kong.

EPHM 7340 Carbon and Energy Management (3,*,*) (E)

This course provides students with an understanding on carbon and energy management with due emphasis on a variety of commonly adopted management approaches and methods. This includes carbon accounting or the identification and quantification of greenhouse gas emission sources and sinks, carbon footprinting of products and services, carbon neutrality, energy audit and management, measurement and verification of energy performance projects, and the related carbon and energy standards.

ERMT 2005 Global Environmental Issues (3,*,*) (E)

This course aims to provide an introduction to global environmental issues for students with or without a science background. Special emphasis will be placed on the evaluation of the impacts of human activities on the environment and the examination of solutions to environmental problems.

ERMT 2015 Physical Geography (3,*,*) (E)

This course aims to introduce the major geological and geomorphological processes that contribute to formation of

various landforms and natural geographical features. The first part of this course introduces tectonic processes that contribute to the development of Earth's major relief features, and the processes of weathering, erosion and deposition with regard to landform development especially in Hong Kong. The second part introduces climatology with emphases on the formation of major climatic regions. This is followed by a comprehensive analysis of the development and characteristics of soils and vegetation on the Earth's surface. Emphasis is placed on their distribution, soil-plant interactions and their significance in human's use of land.

ERMT 3005 Anthropogenic Climate Change and Society (3,*,*) (E)

This course provides students with a broad perspective of the topic of climate change, with an emphasis of the natural and anthropogenic causes of climate changes and its socio-economic consequences. The central theme is to illustrate the determinants of global climate, the ways in which human activities affect global climate, how environment and human societies are affected by climate change, and the approaches and efforts that have been adopted to minimize anthropogenic climate change.

ERMT 3015 Natural Resources Management (3,2,1) (E)

This course aims to introduce students to the problems associated with the use or misuse of our natural resources and current management practices associated with the conservation of natural resources. This course aims to introduce a wide spectrum of practices specific to particular habitat, wildlife and energy resources management. In addition, emphasis will be placed on the review and discussion of current programs and issues in natural resources management in Hong Kong and other countries. This course also provides students with an opportunity to investigate and formulate solutions to the problems in natural resources management.

ERMT 3025 Research Methods and Statistics (3,2,1) (E)

This course aims to introduce students to experimental design and statistical data analysis at an elementary to intermediate level, with an emphasis on practical applications of statistical methods to experimental and observational data in biology, ecology and environmental sciences. Students will explore the process by which scientists formulate research questions, set null hypotheses, design experiments, collect data and apply statistics to test the hypotheses.

ERMT 3035 Geo-environmental and Ecological Field Study (3,*,*) (E)

This course aims to provide students with hand-on experiences of the local environment and its associated biological communities. In addition to introducing the geological, geographical, ecological and biological features of major habitats of Hong Kong, this course will introduce students to the basic techniques in the collection of geographical data and in the sampling and analyzing of major biological communities and their applications in the local context. In addition to lectures, the course will be conducted mainly through field surveys carried out in the countryside of Hong Kong.

ERMT 3045 Global Energy Development (3,*,*) (E)

This course aims to examine a wide range of topics in global energy development, including oil and natural gas, coal, electricity policy, renewable energy, nuclear power, energy efficiency, and climate change. One objective of this course is to examine the relationship between energy security and climate change, which are both key challenges facing the world. It also introduces students to the basic tools (e.g. economic theories) used to analyze and assess energy options. Lastly, emphasis will be placed on the political context, both domestic and international, concerning the design and implementation of governments' energy policies.

ERMT 3055 Laboratory Environmental Analysis (3,*,*) (E)

This course aims to familiarise students with background knowledge related to detection and quantification techniques