

ERMT 4115 Energy Audit and Carbon Management (3,*,*) (E)

Prerequisite: ERMT 2005 Global Environmental Issues
This course focuses on the quantification of energy usage and the management of greenhouse gas emissions. It explores basic concepts and models in energy auditing and carbon management. Hands-on experience and field study are provided to help students to develop basic skills in energy and carbon auditing, including survey instrumentations used, measurement standards and protocols.

ERMT 4125 Environmental Law, Policy and Ethics (3,*,*) (E)

This course aims to help students to develop knowledge of laws, policies and ethics related to environmental protection. The course will analyze the relationship between economic growth, environmental justice and sustainable development, and evaluate different theories concerning environmental ethics and their implications for legislation and public policy formulation in relation to the environment. Students will learn how to analyze different environmental issues and problems in both Hong Kong and overseas, consider the application of legislation and policy options in response to these issues and problems, and become competent in dealing with environmental management in Hong Kong.

ERMT 4135 Green Industry and Business Management (3,*,*) (E)

This course introduces various conflicting ideas regarding economic development and environmental degradation, and whether the technological advances hold the key to saving the environment. It aims to examine the roles of business sectors and that of the general public in reducing the burden on the natural environment and in achieving a sustainable environment, by adopting best international practices. The implications of adopting new management approaches in terms of profits and for the environment will also be reviewed. The course will introduce the possibilities and practices related to the greening of business management at all stages - from production inception to the final product. It will also include the basic concepts of the life-cycle analysis. In addition to learning fundamental concepts and principles, students will study a wide spectrum of literature, case studies and government reports, and will be trained to analyse cases of special environmental interest in order to develop independent thinking.

ERMT 4145 Integrated Waste Management (3,*,*) (E)

This course aims to provide students with a broad awareness of the framework of solid waste management and related issues. Particular attention is focused on the concepts of source reduction and waste reduction programs in the SAR.

ERMT 4155 Restoration Ecology and Habitat Management (3,*,*) (E)

Prerequisite: ERMT 3065 Terrestrial and Aquatic Ecology
This course is a broad overview of the interdisciplinary topic of ecological restoration and habitat management. Students will be introduced to the rapidly expanding discipline of restoring degraded ecosystems through lectures, group discussions, field visits, restoration plans, and reflective essays. The course will focus on ecological theory and how to apply theory to the implementation of restoration and habitat management; philosophical debates concerning restoration and habitat management; societal influences on restoration decision making; and restoration planning and implementation strategies.

ERMT 4165 The Pearl River Delta: An Environmental Survey (3,*,*) (E)

This course aims to introduce students to the perspectives and knowledge needed to understand the growing socio-economic and environmental interactions within the Pearl River Delta (PRD) Region (including Hong Kong and Macau). Emphasis will be placed on providing experiential learning experience to evaluate the socio-economic development and its impact on the

environment of the PRD. Field-based study in selected sites will provide opportunities for students to explore the environmental issues involved in the development of PRD.

EURO 1008 Europe: Unity and Diversity I (3,2,1) (E)

This is the first part of a two-semester course which provides students with the necessary initial background knowledge of Europe as a whole. It seeks to stimulate the students' interest by looking at European history through the particular prism of the shifting balance between unity and diversity, concentrating on particular turning points. It introduces students to the various definitions of "Europe" and Europe's historical roots in the antique Mediterranean civilizations. The synthesis of the Greco-Roman and Christian with the Germanic heritages in the Middle Ages and the subsequent Renaissance laid the foundations for the culturally multi-faceted modern European societies, which nonetheless share a common tradition in thought and action.

EURO 1009 Europe: Unity and Diversity II (3,2,1) (E)

Prerequisite: EURO 1008 Europe: Unity and Diversity I or equivalent

This course is a continuation of EURO 1008. It will focus on early modern Europe from the 16th to 18th centuries. It discusses the gradual emergence of a "European model of development" characterized by representative forms of government, essential freedom of economic activity and protection of private property rights, as well as a set of cultural values stimulating growth and social development.

The course will discuss the formation of European composite and (eventually) nation states and their interminable domestic and external conflicts, which crucially led to the projection of European power overseas. It will analyse cultural conflicts attendant to the break-up of medieval Christian unity, and the rise of national and regional diversities still extant today. In the process, two competing models of societies evolved: an essentially market-driven, potentially liberal, decentralized structure, and a conservative-autocratic model of governance, typified here by the Dutch United Provinces and the kingdom of France, respectively. Out of their conflicts arose the all-European cultural movement called the *Enlightenment*, which arguably remains the single most important source for the values and principles on which the modern *European Union* and a *common European identity* are founded.

EURO 1111-2 Europe: Unity and Diversity (3,2,1)

The course introduces students to the various definitions of "Europe" and the continent's historical roots in the antique Mediterranean civilizations. The synthesis of the Greek/Roman, Christian and Germanic heritages in the Middle Ages and the Renaissance laid the foundations for the culturally multi-faceted modern European societies, which nonetheless share a common philosophical core. Through successive stages of political and economic development marked by significant internal and external conflicts, modern liberal thought was formed, and its equivalent in the economic sphere: the wealth-generating capitalist societies. The seeming contradiction between the principles of individual freedom and social equality led the continent to near self-destruction in ideological warfare, out of which finally emerged the post-war model of trans-nationally cooperating bureaucratic welfare states: the European Union.

**EURO 2005 Contemporary European Societies (3,2,1) (E)
I: The French-Speaking Countries**

Prerequisite: EURO 1008-9 Europe: Unity and Diversity
This course will enable students to acquire a broad knowledge and understanding of the main features of French-speaking countries of Europe (France, Belgium, Luxembourg and Switzerland). It will prepare them for their stay in Europe during Year III by training them to critically evaluate the social, political, cultural and economic conditions in these countries. It will also help them to elaborate the conceptual framework to be used when gathering information in Europe for the final year Honours Project.