

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

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)**

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)**

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)**

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)**

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)**

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 Protection and Safety Management (3,3,0)**

Preventing food incidents is in everyone's interest, and improving food safety is an issue of importance in all countries. This course covers the principles and legal control of food safety, and provides an understanding of the relationships between lifestyle, hazards from food, and safety/risk management and communication.

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

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.

**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) (E)**

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) (tbc)  
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