



Course Code OGEN-430	Course Title Energy Security and Risk Management	ECTS Credits 6
Department Management and MIS	Semester Fall / Spring	Prerequisites None
Type of Course Major Elective	Field Energy, Oil and Gas Management	Language of Instruction English
Level of Course Undergraduate	Year of Study 4 th	Lecturer(s) Dr John Sahalos
Mode of Delivery face-to-face	Work Placement N/A	Co-requisites None

Objectives of the Course:

This course explores the growing concern with energy security in an increasingly global energy market, in which the concept of sustainability has developed together with a higher awareness of environmental supply disruptions, price fluctuation, and threats to infrastructure safety.

Learning Outcomes:

On completion of this module, students are expected to be able to:

1. Examine energy security in a privatized, liberalized, and increasingly global market
2. Investigate the key aspects of energy security
3. Explore energy security in its international and regional context
4. Examine energy security concerns of various countries
5. Analyze how particular nations provide an economic and historical context for their energy security concerns
6. Explore legal provisions relating to each of main energy sectors (oil, gas, coal, electricity, nuclear, and renewable energies).
7. Explain the way in which regulation, organization, and planning for energy security shapes legislation and how the latter shapes other factors such as market liberalization, environmental protection, and competition policy

Course Content:

The growth concern for energy security, the concept of energy security, international and regional approaches to energy security and risk management, energy security and the development of international energy markets, shared competences and multi-faceted concepts, regional and national framework for energy security in Europe, national approaches to energy security and risk management, energy security and conflict with other values

Teaching Methods:

Lectures, In-class exercises, In-class discussions and homework

Assessment Methods:

Assignments, mid-term exam, final exam

Required Textbooks:

Authors	Title	Publisher	Year	ISBN
B. Barton, C. Redgwell, A. Ronne, and C. N. Zillman	<i>Energy Security: Managing Risk in a Dynamic Legal and Regulatory Environment</i>	Oxford University Press	2004	0-19-927161-5

Recommended Textbooks / Reading:

A. P. Vavilov, "Global Energy Security and International financial mechanisms of Risk Management", Institute for Financial Studies, 2008.

D. Fisk, Transport Energy Security - the Unseen Risk? CEPS 2004