

MA IN INTERNATIONAL AFFAIRS: ECONOMY, POLITICS AND LAW

MODULE INFORMATION SHEET

Module details	
Name	INTERNATIONAL GEOSTRATEGY: GEOPOLITICS AND GEOECONOMICS.
Degree	OFFICIAL POSTGRADUATE PROGRAM
Lecturer	Gonzalo Sáenz de Miera Cárdenas (Coordinator)
Type (compulsory, specialist, optional, etc)	Optional
ECTS credits	4
Term	2

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THEMATIC BLOCKS AND CONTENTS*

Contents – Thematic Blocks	
General introduction to the energy sector: geostrategy and geoeconomics	
	Overview of the energy sector Energy challenges over the next few decades Transition to a low-carbon economy
Geopolitics and energy security	
	Basic concepts Global oil markets Situation analysis of the most important geostrategic areas
Energy and the Environment: Climate change	
	Climate change negotiations UNFCCC COP 21, Paris 2015 Targets
Global Energy Company	
	New energy model; new business opportunities Providing a global service to the client
Energy markets	
	Functioning of energy markets Renewable market integration Electricity wholesale market
Renewable Energy: an overview	
	Supporting schemes New renewable energy sources New challenges; distributed generation
Energy Sector in the USA	
	Diagnosis of energy markets in the USA Energy policy goals Energy dependence; Shale Gas Energy and competitiveness
Energy Sector in the European Union	
	Diagnosis of EU energy markets Energy policy goals Post-2020 framework EC Communications: the process for a new rule

China
<p>Diagnosis of Chinese energy markets</p> <p>Supply and demand</p> <p>New environmental and energy-savings policies</p>
The Spanish energy sector
<p>General analysis</p> <p>Tariff deficit: an unsolved problem in the gas and electricity sector</p> <p>Designing a new regulatory electricity framework</p> <p>Future steps to electrification of the economy</p>
Module closure and examination

BIBLIOGRAPHY AND RESOURCES

Basic Bibliography
Textbooks
<p>International Energy Agency. (2015). <i>World Energy Outlook 2015</i>. Paris.</p> <p>International Energy Agency. (2015). <i>Energy Technology Perspective 2015</i>. Paris.</p>
Websites
<p>www.energiaysociedad.es (manual de la energía)</p> <p>www.iea.org</p> <p>www.worldenergy.org</p> <p>www.eia.gov/</p>
Other Material
<p>European Commission. (2016). Proposal for a Council decision “<i>on the signing, on behalf of the European Union, of the Paris Agreement adopted under the United Nations Framework Convention on Climate Change</i>”</p> <p>European Commission. (2016). Proposal for a regulation “<i>concerning measures to safeguard the security of gas supply and repealing Regulation</i>”</p> <p>European Commission (2015). Communication “<i>A Framework Strategy for a Resilient Energy Union with a Forward-Looking Climate Change Policy</i>”</p> <p>European Commission. (2014). <i>European Energy Security Strategy</i>. Brussels.</p>
Additional Bibliography
Chapters in books
<p>E. Álvarez, & M. Larrea, <i>Energía y tributación ambiental</i> (pp. 155-167). Madrid-Barcelona-Buenos Aires-São Paulo: Marcial Pons.</p>
Articles
<p>Lavandeira, X. (2011). Nuevos entornos para la fiscalidad energética. <i>Información</i></p>

comercial española , 57-80.

Muñoz, M. A., Guerenabarrena, A., & Sáenz de Miera, G. (2013). Reflexiones sobre los esquemas de obligaciones de ahorro energético(certificados blancos) en Europa. *Economics for Energy* , WP12/2013.

Andrés, A. S. (2008). La dependencia energética europea de Rusia. *Información comercial española*, (842), 97.

Gas y petróleo en Rusia: Impacto interno y proyección exterior. Universitat de València.

Barysch, K., & unconventional gas solve Europe's, W. (2010). Shale gas and EU energy security. *Center for European Reform*.

Introduction", In Barysh, K., The future of EU-Russia energy relations, London: *Center for European Reform*.

Belkin, P., Nichol, J., & Woehrel, S. (2012). Europe's Energy Security: Options and Challenges to Natural Gas Supply Diversification. *13rd March, Congressional Research Service (CRS Report, 42405*.

Bilgin, M. (2009). Geopolitics of European natural gas demand: Supplies from Russia, Caspian and the Middle East. *Energy Policy*, 37(11), 4482-4492.

Cofala, J., Borken-Kleefeld, J., Heyes, C., Klimont, Z., Rafaj, P., Sander, R., & No, I. C. (2011). Emissions of Air Pollutants for the World Energy Outlook 2011 Energy Scenarios. *Luxemburg, Austria, International Institute for Applied Systems Analysis (IIASA)*.

Escribano, G. (2006). Seguridad energética: concepto, escenarios e implicaciones para España y la UE. *Documento de Trabajo*, 33.

European Parliament Eurobarometer. (2011). *"The Europeans and energy"*.

EIA "World Shale Gas Resources: An Initial Assessment of 14 Regions Outside the US" 5 April 2011.

Gas strategies, "Shale gas in Europe: A revolution in the making?", Gas Matters, issued on March 2010.

Nichol, J. (2010, August). Central Asia: Regional Developments and Implications for US Interests.

Stevens, P. (2010). *The 'Shale Gas Revolution': Hype and Reality*. London: Chatham House.

Villa, M. (2011). La Política Energética Exterior de la Unión Europea. *Serie Unión Europea Número 51/2011*.

Websites

www.epp.eurostat.ec.europa.eu/

www.eurelectric.org

<http://www.energy.eu/>

<http://newsroom.unfccc.int/>

TEACHING METHODS

General aspects of the methods used

Face-to-face method: Activities

Lectures, debate and analysis of case studies

Private study: Activities

Recommended reading and preparation of case studies

STUDENT WORKLOAD SUMMARY			
	Contact hours	Non-contact hours	Total hours
Lectures	18		
Seminars	18		
Debate			
Classroom presentations	4		
ECTS CREDITS: 4			

ASSESSMENT AND GRADING CRITERIA

Assessment activities	Skills	Weight
Case Study/Presentation		
Debate		
Final exam evaluation	CEO4 ¹	100%

Skills to be developed
General skills
Instrumental
<p>CGI 4. Ability to manage information from different sources that make up the international sphere.</p> <p>RA1. Knowledge of the main bibliographical and document-based resources available on an international level and appropriate use of the traditional and the online library</p> <p>RA2. Knowledge and use of the Internet to look for and manage information, documents and data</p> <p>RA3. Ability to critically evaluate the reliability of different sources and types of information</p>
Interpersonal
CGP 12. Ability to criticize one's own work and the work of others in an environment with multiple variables

¹ Written test with 30 questions

RA1. Ability to identify and define real problems in a logical and coherent manner within an appropriate analytical framework

RA2. Ability to identify the assumptions and limitations of research methods and methodologies

RA3. Ability to critically assess existing theories and to reflect independently on a range of problems

Systematic

CGS 14. Ability to learn and work in an independent manner

RA1. Ability to critically read and understand the reference bibliography

RA2. Skills required to conduct independent research

Module-specific skills

Conceptual (knowledge)

CEO4. Advanced knowledge of the economic and political dimensions of international geostrategy

RA1. Knowledge of the basic concepts of the geostrategic approach to international relations between States

RA2. Knowledge of the geography of the main political poles on the international stage and their strategies

RA3. Knowledge and critical evaluation of the main geostrategic problems today in key areas (Asia, Latin American, the Persian Gulf, etc.)