



## SYLLABUS

Academic year 2022-2023

### 1. Information regarding the programme

1.1. Higher education institution	Universitatea Babeş-Bolyai
1.2. Faculty	Faculty of Business
1.3. Department	Business
1.4. Field of study	Business Administration
1.5. Study cycle	Master
1.6. Study programme / Qualification	International Business Administration

### 2. Information regarding the course

2.1. Name of the course	Energy markets						
2.2. Code	IME0058						
2.3. Course coordinator	Lect. Cristina Balint, PhD						
2.4. Seminar coordinator	Lect. Cristina Balint, PhD						
2.5. Year of study	2	2.6. Semester	1	2.7. Type of evaluation	C	2.8. Type of course	compulsory

### 3. Total estimated time (hours/semester of didactic activities)

3.1. Hours per week	2	Of which: 3.2. lecture	1	3.3 seminar/laboratory	1
3.4. Total hours in the curriculum	28	Of which: 3.5. lecture	14	3.6. seminar/laboratory	14
Time allotment:					hours
Learning using manual, course support, bibliography, course notes					22
Additional documentation (in libraries, on electronic platforms, field documentation)					6
Preparation for seminars/labs, homework, papers, portfolios and essays					6
Tutorship					2
Evaluations					2
Other activities: Prepare for the final exam					9
3.7. Total individual study hours					47
3.8. Total hours per semester					75
3.9. Number of ECTS credits					3

### 4. Prerequisites (if necessary)

4.1. curriculum	
4.2. competencies	

### 5. Conditions (if necessary)

5.1. for the course	classroom with computer and projector;
5.2. for the seminar /lab activities	classroom with computer and projector;



## 6. Specific competencies acquired

Professional competencies	<p>C1. gathering, processing, and analysing data regarding the interaction between a company/ an organisation and the external environment</p> <p>C2. providing assistance for running a company/ an organisation as a whole</p>
Transversal competencies	<p>CT1. implementing ethical principles, norms, and values within one's own rigorous, efficient, and responsible strategy of work</p>

## 7. Objectives of the course (outcome of the acquired competencies)

7.1. General objective of the course	<p>To present the importance of the energy markets and the characteristics of the energy markets</p> <p>Identify key players in energy markets</p>
7.2. Specific objective of the course	<p>Identify key political, technical and economic factors that influence oil and gas sectors and how they are interrelated</p> <p>Compare and contrast roles of key regulators in energy markets</p> <p>Compare and contrast different energy derivatives used in global markets</p>

## 8. Content

8.1. Course		Teaching Method	Remarks
1	Defining Energy Markets	interactive and multimedia presentation	1 lecture
2	Influential Factors in Energy Markets	interactive and multimedia presentation	1 lecture
3	Market Players in energy markets	interactive and multimedia presentation	1 lecture
4	Sustainability and environmental concerns	interactive and multimedia presentation	1 lecture
5	Risk Considerations for Energy-Market Investors	interactive and multimedia presentation	1 lecture
6	Risk Management in the Energy Sector	interactive and multimedia presentation	1 lecture



7	Energy Trading and Derivatives	interactive and multimedia presentation	1 lecture
Bibliography		<ol style="list-style-type: none"> <li>1. Gianna Bern, 2011, Investing in Energy, , Bloomberg Press</li> <li>2. Dahl, C. A., 2004, International Energy Markets: Understanding Pricing, Policies, and Profits, , PennWell Corporation, Tulsa OK</li> <li>3. Tom James, 2007, Energy Markets: Price Risk Management and Trading (Wiley Finance), ISBN-13: 978-0-470-82225-8</li> <li>4. Barrie Murray, 2009, Power Markets and Economics: Energy Costs, Trading, Emissions, ISBN: 978-0-470-77966-8</li> <li>5. Subhes C. Bhattacharyya, 2011, Energy Economics: Concepts, Issues, Markets and Governance, , Springer, London, UK</li> </ol>	

8.2. Seminar/laboratory		Teaching Method	Remarks
1	An Overview of Energy-Market Investing	interactive and multimedia presentation	1 seminar
2	Recognizing Special Risks in Energy Markets	interactive and multimedia presentation	1 seminar
3	Evaluate influences on energy markets	interactive and multimedia presentation	1 seminar
4	Oil Sector	interactive and multimedia presentation	1 seminar
5	Gas Sector	interactive and multimedia presentation	1 seminar
6	Electricity Sector	interactive and multimedia presentation	1 seminar
7	Managing risk (cross-listing as economic diversification)	interactive and multimedia presentation	1 seminar
Bibliography		<ol style="list-style-type: none"> <li>1. Gianna Bern, 2011, Investing in Energy, , Bloomberg Press</li> <li>2. Dahl, C. A., 2004, International Energy Markets: Understanding Pricing, Policies, and Profits, , PennWell Corporation, Tulsa OK</li> <li>3. Tom James, 2007, Energy Markets: Price Risk Management and Trading (Wiley Finance), ISBN-13: 978-0-470-82225-8</li> <li>4. Barrie Murray, 2009, Power Markets and Economics: Energy Costs, Trading, Emissions, ISBN: 978-0-470-77966-8</li> <li>5. Subhes C. Bhattacharyya, 2011, Energy Economics: Concepts, Issues, Markets and Governance, , Springer, London, UK</li> </ol>	



## 9. Corroborating the content of the course with the expectations of the epistemic community, professional associations and representative employers within the field of the program

The energy industry is one of the most capital-intensive and fastest-growing industries in the world. It is necessary to know and understand the phenomena related to the energy markets and the associated risks, because both at the company level and at the personal level they have become elements of everyday life.

## 10. Evaluation

Type of activity	10.1 Evaluation criteria	10.2 Evaluation method	10.3 Pondere din nota finală
10.4. Course	<ul style="list-style-type: none"><li>- correct logical and coherent application of the concepts learned</li><li>- logical and accurate explanation and interpretation of the results;</li></ul>	Final exam	50%
10.5. Seminar/lab activities	<ul style="list-style-type: none"><li>- the ability to apply concepts learned in practice</li><li>- correct logical and coherent application of the concepts learned</li><li>- economic explanation of the results;</li><li>- interest in the individual preparation throughout the whole semester</li></ul>	Project	35%
		Essay	15%
10.6. Standard minim de performanță			
<ul style="list-style-type: none"><li>• cunoașterea noțiunilor fundamentale și aplicarea acestora pe exemple;</li><li>• interpretarea economică a rezultatelor obținute.</li></ul>			

Date

Course coordinator

Seminar coordinator

15.05.2022

Lect.dr. Cristina Balint

Lect.dr. Cristina Balint

Date of approval

Head of department

20.05.2022

Prof.dr. Ioan-Cristian Chifu