



Table 2

Course description

COURSE DESCRIPTION		
Course instructor	Marinela Krstinić Nižić, Associate Professor	
Name of the course	Energy Economics in Tourism	
Study programme	Management of Sustainable Development	
Status of the course	compulsory	
Year of study	3 <sup>rd</sup> year	
ECTS credits and manner of instruction	ECTS credits	6 ECTS
	Number of class hours (L+E+S)	(30+0+30)
<i>1. Course objectives</i>		
<p>This course introduces students to the basics of energy economics, with specific emphasis on tourism. Students will acquire general and specific knowledge of energy and environmental policy in Croatia and in the world, and master the theoretical concepts of energy as an economic category. The course will review the strategic guidelines for the development of renewable energy sources and review relevant legislation at European, national and local level. Attention will be focused on energy efficiency, green public procurement and the importance of action plans for sustainable energy management.</p>		
<i>2. Course enrolment requirements</i>		
Completed course in Macroeconomics is required.		
<i>3. Expected learning outcomes</i>		
<p>After passing the exam it is expected that the student will be able to:</p> <ul style="list-style-type: none"> <li>- Correctly define and interpret basic economic concepts that underline energy production and its final use</li> <li>- Explain and interpret forms, sources and units of energy</li> <li>- Explain the correlation and differences between the development indicators and the energy balance</li> <li>- Define and interpret the trends of energy production and consumption in the world and in the EU, with an emphasis on tourism</li> <li>- Define the concept of energy potential and structure of the energy sector in the Republic of Croatia</li> <li>- Apply gained knowledge in the analysis of specific energy industries and policy issues</li> <li>- Understand the instruments of politics and strategy of energy and environment development</li> </ul>		
<i>4. Course content</i>		
<p>Energy as a Source. Energy balance. Energy indexes. Production and consumption of the energy in the world. Energy in tourism. Renewable energy sources in tourism. Global and national energy markets and institutions. Price regulation and deregulation. Energy efficiency. Public Goods and Global Climate Change. Externalities and Energy Pollution. Optimal Level of Pollution. Energy in the future. Optional Energy Markets.</p>		
<i>5. Manner of instruction</i>	<input checked="" type="checkbox"/> lectures <input checked="" type="checkbox"/> seminars and workshops <input checked="" type="checkbox"/> exercises <input type="checkbox"/> distance learning <input type="checkbox"/> fieldwork	<input type="checkbox"/> individual assignments <input type="checkbox"/> multimedia and network <input type="checkbox"/> laboratories <input type="checkbox"/> mentorship <input type="checkbox"/> other
<i>6. Comments</i>	-	



### 7. Student responsibilities

Regular attending to lectures and active participation is expected. The final grade and results will depend on performance on:

- The course consists of 15 lectures and exercise classes. Students are required to attend all classes and lectures and solve 10 relevant test exercises including problem sets.
- Students have to write one problem essay.
- Students have to write a seminar paper with the topic that will demonstrate student's gained knowledge and capability to use economic tools.

### 8. Monitoring of student work<sup>1</sup>

Class attendance	2,4	Class participation		Seminar paper	0,5	Experimental work	
Written exam	1,1	Oral exam		Essay	0,3	Research	
Project		Continuous assessment	1,7	Report		Practical work	
Portfolio							

### 9. Assessment of learning outcomes in class and at the final exam (procedure and examples)

Assessment and evaluation of students in classes and at the final exam is conducted under the Rulebook on evaluation of students at the Faculty of tourism and hospitality management.

For each course it is made a detailed course syllabus which coordinates activities, student load, learning outcomes and evaluation methods.

### 10. Mandatory literature (at the time of submission of study programme proposal)

- Krstinić Nižić, M., Blažević, B., *Gospodarenje energijom u turizmu*, Fakultet za menadžment u turizmu i ugostiteljstvu, Opatija, 2017.

### 11. Optional/additional literature (at the time of submission of the study programme proposal)

- Vlahinić-Dizdarević, N., Žiković, S., *Ekonomija energetskog sektora – izabrane teme*, Sveučilište u Rijeci, Ekonomski fakultet, Rijeka, 2011.
- Dekanić, I., *Geopolitika energije – uloga energije u suvremenom globaliziranom gospodarstvu*, Golden marketing- Tehnička knjiga, Zagreb, 2011.
- Gelo, T., *Makroekonomika energ. tržišta*, Politička kultura, 2010.
- Carol A. Dahl, *Međunarodna tržišta energije: cijene, politike i profiti*, Kigen, Zagreb, 2008.

### 12. Quality monitoring methods that ensure the acquisition of exit knowledge, skills and competences

The quality of the programme, teaching process, teaching skills and level of acquired course matter will be evaluated in writing, by means of extensive questionnaires and by employing other methods that are in accordance with the accepted standards and with the Book of regulations on the quality of the University of Rijeka, as well as the Book of regulations on the quality of the Faculty of tourism and hospitality management.

<sup>1</sup> IMPORTANT: Enter the appropriate proportion of ECTS credits for each activity so that the total number of credits equals the ECTS value of the course. Use empty fields for additional activities.