

Course	ENERGY AND SECURITY			
	Elective	Semester IV	ECTS 4	Code
Course lecturer				
Aims and Objectives	This course explores the intricate relationship between energy resources, policies, and global security. Students will examine the geopolitical implications of energy production, distribution, and consumption, and analyze the challenges and opportunities for sustainable and secure energy systems			
Learning outcomes	By the end of the course, students will: Understand the connection between energy dynamics and national/international security. Analyze the geopolitical factors influencing energy production and distribution. Evaluate the impact of energy policies on global security. Explore the role of renewable energy sources in enhancing energy security. Develop critical thinking skills to assess the complexities of energy-related conflicts.			
content	Course plan			Week
	Introduction to Energy and Security			1 -2
	Geopolitics of Energy			3-4
	Energy Policies and National Security			5-6
	Renewable Energy and Sustainable Security			7-8
	Energy-Related Conflicts Review and Final Exam			9-10
Teaching/learning methods	Activity			Weight (%)
	Interactive lectures			10%
	Exercises			15%
	Midterm Exam: 30%			20%
	Research Paper: 30% Final Exam: 30%			45% 20%
Assesment methods	Assessment activity		Number	WEEK
	1. Group project		2	2-15
	2. Participation in		15	1-15
	3. Exams		1	15
Course Sources and tools of concretization	Resouces			Number
	1. Class (eg)			1
	2. Laboratory (eg)			n/a
	3. Moodle			1
	4. MATLAB/SPSS/SIMULINK software			n/a
	5. Projector			1
Charges and activities	Activity		Weekly	Total
	1. Lectures		2	30

	<ul style="list-style-type: none"> 2. exercise 1 15 3. Independent study 3-4 51 4. Exam 2 4
Literature/References	<p>Literature:</p> <p>"Energy Security: Economics, Politics, Strategies, and Implications" by Carlos Pascual and Jonathan Elkind.</p> <p>"The Prize: The Epic Quest for Oil, Money, and Power" by Daniel Yergin.</p> <p>Additional articles, research papers, and case studies provided throughout the course.</p>
Contact	