

Program	Leaders at Work
Course title	Green Growth and environmental awareness
Number of ESTC	4
Language of Teaching	English
Year and semester	2022-2023 Fall semester
Lecturer name	Shiri Heffer
Lecturer contact number	0544-253996
Lecturer email	Shiri.sviva@gmail.com
Office hours	After session, by appointment

Course Details:

Course description	<p>The course deals with different aspects and implications of *green growth. It will provide a theoretical framework and hands-on green growth policies and indicators. During the period, existing policies and solutions will be discussed. The participants will learn about climate change's impact on human wellbeing, prosperity, and natural environments and how governments cope with these effects through mitigation and green growth strategies. All this while giving the students applied tools for analyzing issues of sustainability and green growth. Emphasis will be placed on case studies from Israel and Europe.</p> <p>*Decoupling the connection between economic growth and the pressure on natural resources.</p>
Learning Outcomes	<p>After completing the course, students will:</p> <ol style="list-style-type: none"> 1. Understand the rationale and core concepts of green growth and its relation to environmental problems

	<p>2. Get Familiar with the green new deal and national initiatives supporting green growth.</p> <p>3. Outline principal opportunities and challenges in different core domains (transportation, waste, etc.)and identify enabling conditions for their greening. Provide examples of greening at the cities and national levels.</p> <p>4. Assess the impact of different green growth initiatives throw various indicators</p> <p>5. Femlare with strategic plan components.</p>			
Teaching Methods	<p>Frontal presentation, including discussions and critical analysis of case studies.</p> <p>A field tour to Tel Aviv to introduce students to local initiatives (from the public and the private sectors)</p>			
Assignments and Requirements	<p>-Wedges game – done individually- learning and presenting 2 core technologies that are relevant for climate change mitigation, and participating in the strategic game in the class</p> <p>Final assignments – In pairs - the students will analyze green growth city plan (its environmental challenges, mitigation & green growth strategies, and relevant indicators) including a depth analysis of a selected core domain (economy, energy, transportation, planning, green building, waste). The work will be presented in class in the tow last classes and will be sent by email.</p>			
Grade composition	<p>30% Wedge's game assignment</p> <p>60% Green growth city plan analysis (10% for the presentation – each students get individual grade)</p> <p>10% Participation</p>			
Work Parameters (Per week-13 weeks)	Contact hours in lecture form	Assignments (hours)	Reading (hours)	Self-Study (hours)
	2	1	2	3

Attendance	Students must attend 80% of the sessions. Unexcused absences exceeding 20% (more than 3 during the semester) will result in an “incomplete” grade in the course.
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Course Plan - Weekly Topics

Session No.	Date	Topic	Reading / Assignments
1	03.11.22	Introduction to sustainability - Climate change vs. global warming, renewable vs. nonrenewable resources, Co2 contribution of different sectors, mitigation, and adaptation strategy	
2	10.11.22		
3	17.11.22	Wedges game	
5	24.11.22	What is green growth - Economic growth-orthodox vs. new approaches, green growth vs. green economy. How to measure green growth (green growth indicators (Quantitative indices versus transverse indices)	
5	01.12.22	Green new deal and relevant 'cities green growth strategies	
6	08.12.22	Case study -Green city planning – Ran Calic	
7 +8	11.12.22	Tour to Dizengoff center	CEO - Green Initiatives- YOZMOT
9	22.12.22	Carbon trade – Rona Gal Ezer	Venture Capital Impact Investor
10	29.12.22	Transportation – Nahum Yehshua	Economist, Ministry of Energy and Water Resources

11	05.01.22	Case study -Green building – Maya Crabtree	Director of Environment, Climate & Urban Planning in "Forum 15" – the network of the Israel's major cities
12	12.01.23	Students' presentations and glimpse to Apollo - an Israeli energy -tech company	Noa Aharoni – Marketing and selling leader
13	19.01.23	Students' presentations and Recap	

Required Reading List and Additional Sources:



Green_Growth
reading list.pdf

Optional Reading List and Additional Sources: