

School: School of Sustainability Founded by Israel Corp. ICL

Introduction to Sustainability

Lecturer:

Dr. Yael Parag Cohen Mintz yparag@idc.ac.il

Teaching Assistant:

Ms. Dana Berber dana.berber@post.idc.ac.il

Course No.:	Course Type :	Weekly Hours :	Credit:
5889	Lecture	2	2

Course Requirements :	Group Code :	Language:
Final Paper	201588902	English

Course Description

Sustainability is the equilibrium between social development, economic growth and environmental protection.

These three pillars of sustainability - social, economic and environment - are interdependent, and in the long run, none can exist without the others.

The course will focus on each pillar.

Course Goals

The course will introduce the students to various theories and analytical perspectives for sustainability and will apply them to case studies from developed and developing countries.

Among the topics covered by the course are: population growth and global demographic trends; human impact on the natural environment; ecological footprint and carrying capacity; sustainable economic growth; poverty; ecosystem services; consumption, resources and waste; the water-energy-food nexus; climate mitigation and adaptation;

Grading

Final paper: 70%

Two 30 minutes mid-term tests: 15% each (30% of the final grade)

First test :10.12

Second test: 21.1*

Note that there will be no retake ('moed bet') for the mid-term tests.

In addition, you will be required to submit a survey or two.

*The date might change, with (at least) 2 weeks notice.

Teaching Assistant

Reading List

- UNEP (2018) Annual Report 2018 <https://www.unenvironment.org/annualreport/2018/>
- NDC (2019) Global Outlook Report 2019: The Heat is On. UNDP https://www.undp.org/content/undp/en/home/librarypage/environment-energy/climate_change/ndc-global-outlook-report-2019.html
- GEO (2019) Global Environment Outlook 6 https://wedocs.unep.org/bitstream/handle/20.500.11822/27539/GEO6_2019.pdf?sequence=1&isAllowed=y
- [Worldwatch Institute](#) (2013) State of the World 2013 Is Sustainability Still Possible?
- Ida Kubiszewski, Robert Costanza, Carol Franco, Philip Lawn, John Talberth, Tim Jackson, Camille Aylmer (2013) *Beyond GDP: Measuring and achieving global genuine progress*, *Ecological Economics*, Volume 93, Pages 57-68.
- Jackson, T. (2009). Prosperity without growth?: The transition to a sustainable economy.

*Additional material (to read or watch) will be provided in each class.