

Sustainable development: economics, environment and innovation (10 hours, 7 CFU)

Lecturer: Pr. Chiara Grazini

Language: English

Teaching method: Lectures

Period: June/July 2025

Objective: The course is designed to explain why it is essential today to move from the traditional linear economic model to more sustainable production and consumption from both a micro and macroeconomic point of view. After presenting the main elements of ecological and environmental economics, the course focuses on the OECD's proposed economic analysis of green growth and sustainable development, with a focus on the role of technological innovation and environmental networks. The course is hybrid, and a link for connection will be provided to students who are not able to join in person.

Schedule: The course is organized into three lessons, of which the first two lessons are 3 hours, and the final lesson is 4 hours.

Exam: essay on one of the topics covered during the course, which must be sent by e-mail to the teacher (c.grazini@untus.it) within two weeks after the end of the course.

Texts: Slides and other teaching materials will be made available to students during the course by the professor.

Program:

- Introduction to Ecological Economics
- Green Growth strategy proposed by OECD and the UN sustainable development framework
- Environmental innovations: the role of environmental regulations according to the Porter Hypothesis and open eco-innovation mode approach