

Food systems sustainability: policies, tools and actions (16 hours, 12 CFU)

Lecturers: Barbara Pancino, Luca Secondi, Ludovica Principato, Clara Cicatiello

Objective: This course is made of a group of four seminars, aiming at providing PhD students an appraisal of the pillars of the Green Deal, with a special focus on the food sector. The course starts with a seminar about the EU policies related to the Green Deal and the Farm to Fork strategy, followed by two seminars focused on sustainable food consumption and food waste prevention. The course will end with a seminar on data analytics for food systems sustainability.

All seminars share the same structure, including a lecture and a practical activity on which the students will work in groups, during the hours of the seminar, with the support of the lecturer. The course is hybrid, and a link for connection will be provided to students who are not able to join in person.

Program: The program is organized in 4 seminars of 4 hours each.

Exam: essay on one of the seminar topics to be delivered within 2 weeks after the last seminar.

Class n.	Description	Lecturer	Language	Date
1 (4 h)	European Green Deal and Farm to Fork Strategy <ul style="list-style-type: none">▪ History of the Common Agricultural Policy▪ Current programming in the international context▪ Group work	Barbara Pancino	English	Apr 2025
2 (4 h)	Data analytics for food systems sustainability <ul style="list-style-type: none">▪ Statistics▪ Data sources▪ Group work	Luca Secondi	English	Apr-mag 2025
3 (4 h)	Business model innovation for sustainability <ul style="list-style-type: none">▪ Evolution of business models: food and digitalisation▪ Significance of social and environmental sustainability▪ Group work	Ludovica Principato	English	15 maggio 2025
4 (4 h)	Food loss and waste prevention in supply chains <ul style="list-style-type: none">▪ Definitions of food waste and related challenges▪ Hierarchy of actions against food waste▪ Group work	Clara Cicatiello	English	Mag 2025

Language: English
Teaching method: Lectures and group work
Period: Spring 2025