

Summer School

Climate Smart Agriculture: sustainable transition in agri-food systems



Agricultural ecosystems are central to global policy agendas, as they are closely linked to climate change, environmental degradation, biodiversity loss, and global population growth—both as part of the problem and as part of the solution. New strategies are needed for the transition of agricultural systems at the global scale. Climate Smart Agriculture offers a framework for technological innovation of agricultural systems promoting solutions that reconcile food security with environmental, social, and economic sustainability in contexts increasingly shaped by climate change. It pursues three main objectives:

- Increase or maintain productivity and yield.
- Enhance resilience to environmental changes.
- Reduce greenhouse gas emissions.

The Summer School “*Climate Smart Agriculture: Sustainable Transition in agri-food systems*” aims to provide students with foundational knowledge of Climate Smart Agriculture concepts and practices. It will cover a range of topics, including Carbon farming, greenhouse gas (GHG) monitoring and mitigation, precision agriculture for sustainable agriculture, and agroecological transition, while also offering a preview of the subjects explored in depth within the Master’s Degree program in Sustainable Agriculture at the University of Padova.

The Summer School, led by faculty from the Master’s Degree program in Sustainable Agriculture and distinguished international scholars, will offer a rich program of lectures, discussions, workshops, and field trips designed to foster networking and collaboration. By promoting the exchange of diverse ideas and experiences, it aims to inspire partnerships among the next generation of agronomists.

KEY INFO

Dates: 5th July 2026 – 11th July 2026

Target: Bachelor's students

Minimum participants: 20

Location: Legnaro, Agripolis Campus

Fee: 500 euros per week / 20% fee waiver for students of partner universities / 50% fee waiver for Arqus students (including UNIPD students). A maximum number of waivers might apply.

Contact: summerschool@unipd.it

Application dates: 15th November 2025 – 15th March 2026