



Education and training are crucial for the future of Circular and Bio Economy.

The transition to a more 'green' and environmentally sustainable economy requires **new education and training systems** to support the overall process. The role of vocational education in enabling the transition is part of the European Green Deal, the United Nations' Sustainable Development Goals (SDGs) and country targets of net-zero carbon emissions. **"Contamination of knowledge" is fundamental**, and it is especially so in the training courses of the new generations. This Master degree offers extensive training programs for **professionals interested in working within the bio-based goods and services industry**. The Master's degree course in **Industrial Chemistry for Circular and Bio Economy** aims to train figures with transversal skills in Industrial Chemistry, Biotechnology, and Circular Economy together with professional training that will cover the new needs of the European chemical industry.

Courses of the first semester will be developed using a **hybrid approach similar to the MOOC** (Massive Open Online Courses), while **Elective "Challenge" courses** will be focused on the Green Chemical Industry and Agroindustry and will be launched annually on the stimulus of industries.

Second semester will take place in Napoli while the **third semester will be in Torino**. The **fourth semester** will be dedicated to the preparation of the experimental thesis under the supervision of an industrial and an academic tutor.

Two leading Italian Universities: **University of Napoli Federico II (UNINA)** and **Polytechnic of Torino (POLITO)** joined their forces and competences to give birth to a new **International MSc degree in English open to 30 students**.

Master degree in Industrial Chemistry for Circular and Bio Economy

Monday, June 27 - 9.30/13.00

Sala azzurra

Complesso Universitario Monte Santangelo, via Cinthia 4, 80126 Napoli

9.30-10.15	<i>Welcome coffee</i>
10.15-11.15	<i>Welcome addresses</i> Gioconda Moscariello , President of the Polytechnic School (UNINA) Luigi Paduano , Director Department of Chemical Sciences (UNINA) Guido Saracco , Rector Polytechnic of Torino (POLITO) Matteo Lorito , Rector University of Napoli Federico II (UNINA) Valeria Fascione , Councillor for Innovation, Campania Regional Council Rossella Fasulo , President of OCF Campania Francesco Palumbo , Rector's delegate for Didactic (UNINA)
11.15-11.35	<i>The new Master degree</i> Fabio Deorsola , (POLITO) Martino Di Serio , (UNINA)
11.35-12.20	<i>Future of Industrial Chemistry in the Circular Bio Economy scenario</i> Giacomo Rispoli , NextChem Marco Codognola , Itelyum Vittorio Maglia , Federchimica
12.20-12.45	<i>Supporting Industrial Committee</i> Biopox , Isuschem , Roelmi , Sea Marconi
12.45-13.00	<i>Concluding remarks</i> Mario Bonaccorso , Director Cluster Spring