

# Master degree in Industrial Chemistry for Circular and Bio Economy





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.

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

## **Master degree in Industrial Chemistry for Circular and Bio Economy**

The MSc degree is in English and it is open to 30 students. The degree is an Italian Laurea Magistrale (Class LM-71)



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). Second semester will take place in Napoli while the third semester of the second year will be in Torino. Elective "Challenge" courses will be focused on the Green Chemical Industry and Agroindustry and will be launched annually on the stimulus of industries. The fourth semester will be dedicated to the preparation of the experimental thesis under the supervision of an industrial and an academic tutor.

# Application will be open in June 2022

Info: Prof. Martino di Serio ([martino.diserio@unina.it](mailto:martino.diserio@unina.it))

Prof. Fabio Deorsola ([fabio.deorsola@polito.it](mailto:fabio.deorsola@polito.it))

