

ECRN: Future Skills: Regional Contribution to Defining the Future of Energy-Intensive Industries



Brussels, 28th June 2023 – dott. Davide Fumagalli



ITS Academy

HIGHER TECHNOLOGICAL INSTITUTES

Post-diploma specialization schools

LABOUR MARKET

Answering to the employment needs of technicians from the companies

EMPLOYABILITY

Employment consistent with the curriculum

TWO YEARS COURSES

1,200 hours theory, laboratory, visits
800 hours traineeship (second part II year)

MINISTERIAL DIPLOMA

Superior Technician – EQF 5th level

ITS Nuove Tecnologie della Vita Academy

*Chemical, pharmaceutical, nutraceutical, environmental, elastomer and
biomedical fields*



About us:

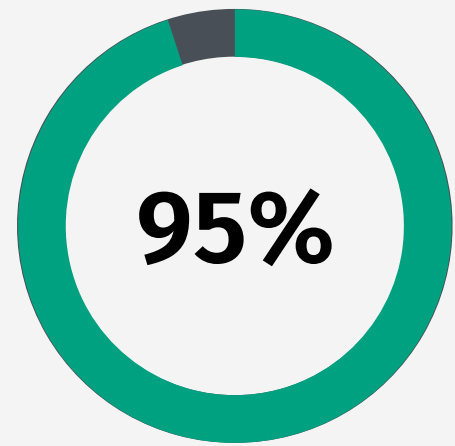


First ITS Academy in Italy
New Technologies of Life area
Ranking ITS Academy 2023,
Italian Ministry of Education and Merit

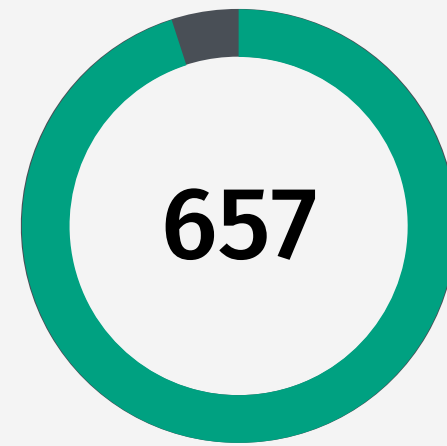


The only Higher Technical Institute
in the chemical field in Italy

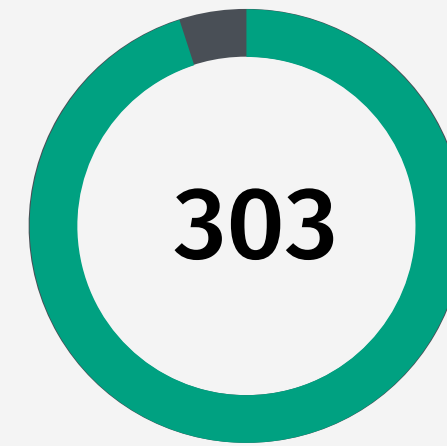
Our numbers:



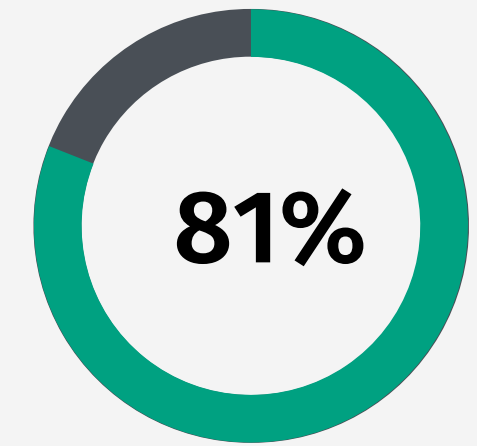
Employed at 12 months
in an area consistent with the
course of studies



Graduated students
since 2011



Partner companies



Lecturers
from the labour market

Our history

2010

24/10/2010 Establishment of the Foundation in Bergamo

2011

Activation of the first ITS course in Bergamo

2013

Doubling of training offer

2018

4 active ITS courses

2019

Opening of the Crema (CR) and Lainate (MI) venues

2022

9 active ITS courses distributed in 3 venues in Lombardy

Now

12 courses planned for 2023/2025

Activities

- Accredited Agency for Employment Services
- Internship in Erasmus Mobility
- In-company continuous training
- Training for job placement for unemployed people
(Guaranteed Employability of Workers)
- Research Organization
- Business Incubator



Educational offer

CHEMICAL AREA

- BIOGREEN AND INNOVATION
- INDUSTRIAL BIOTECHNOLOGIES
- INDUSTRIAL CHEMISTRY
- CHEMISTRY AND SUSTAINABILITY 4.0
- GREEN ECONOMY
- MARKETING & SALES
- POLYMERS AND BIOPOLYMERS

PLANT AND EQUIPMENT AREA

- BIOMEDICAL INFORMATICS 4.0
- PHARMACEUTICAL PLANTS AND INFORMATION

COSMETICS AREA

- COSMETICS PRODUCTION 4.0
- COSMETIC PACKAGING

Professional roles

Intermediate technicians with specialist skills immediately applicable in the workplace



LABORATORY

- Research and Development
- Quality Control
- Formulation Development



PROCESSES

- Customer care
- Commercial
- Technical support
- Product industrialization



PLANTS AND BIOMEDICAL EQUIPMENT

- Testing and validation
- Planning
- Technical Office Documentation
- Information Systems Installation

Partnership with companies



ITS Nuove Tecnologie della Vita Academy has partnerships with **more than 270 companies** which play an active role in the training and employment of our students in classroom and in their workplaces.

Our training courses have been created by the **demand from companies in these fields for highly qualified personnel** and our partner companies collaborate in the **design and implementation** of the courses. For example, in the two courses of Industrial Chemistry and Polymeric Materials, teaching hours related to the enhancement of secondary raw materials and business organization were included, going to deal with crucial issues such as **Lean Production** and **Project Management**.

Also with a view to improve the educational offer linked to the demands of the labour market, Marketing & Sales, Cosmetic Packaging and Technology & Digital Health Care courses will be activated, designed in collaboration with companies, in response to the demand for skilled technicians in these fields.



ITS Nuove Tecnologie della Vita Academy
Bergamo, Crema (CR), Lainate (MI)

www.fondazionebiotecnologie.it