

Why
ENROLL

?

You are motivated and you like chemistry.

We offer a wide selection of courses.

Our low student-faculty ratio guarantees individual attention by Professors.

We offer hands on experience of state-of-the-art equipment and instrumentations.

Our highly specialized research groups focus on cutting-edge research.

You will have the opportunity to work both with international academic research groups and industries.

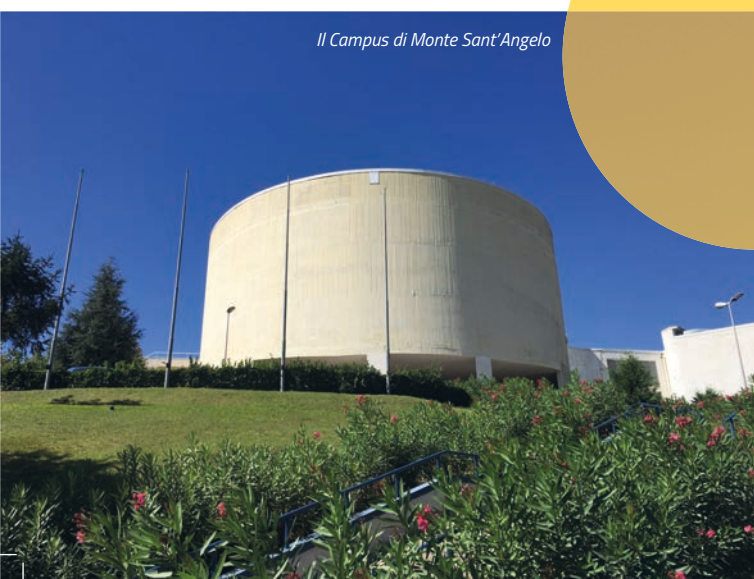
The ratio of applicants to open positions is often so favorable for trained chemists that internships before the first job offer are seldom required.

Coordinator of the Degree Course

Prof. Roberta Cipullo

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Il Campus di Monte Sant'Angelo



Links

Polytechnic and Basic Sciences School

<http://www.scuolapsb.unina.it>

Department of Chemical Sciences

<http://www.scienzachimiche.unina.it>

Bachelor Degree in Chemistry

<http://www.scienzachimiche.unina.it/didattica/corsi-dilaurea/lauree-triennali/1484160-chimica/>

Student Educational Office

Centri Comuni Complesso Universitario di Monte S. Angelo
Via Cintia – 80126 Napoli
e-mail: segrmmff@unina.it

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UNIVERSITÀ DEGLI STUDI DI NAPOLI FEDERICO II
SCUOLA POLITECNICA E DELLE SCIENZE DI BASE

COLLEGIO
DEGLI STUDI DI
SCIENZE

BACHELOR
DEGREE

CHEMISTRY



**Dipartimento di
Scienze Chimiche**

EDUCATIONAL OBJECTIVES

Central to the degree in Chemistry at UniNa is the training of students in the various fields of chemistry, both from a theoretical as well as an experimental point of view. Students will be trained in fundamental as well as applied and advanced aspects of chemistry.

Laboratory sessions are an integral part of the training. Students will not only broaden their chemistry horizon there but also develop skills in precise measurements, written communication, data analysis and more.

Graduates in Chemistry acquire skills and competencies in understanding the behavior of molecules, from ions to biological or artificial macromolecules. These skills uniquely prepare the student for work involving an investigation on the molecular level.

Graduates in Chemistry are adept problem-solvers, well prepared for the national or international job markets. They can approach problems scientifically and are trained to use different methods, techniques, and instruments, including state-of-the-art equipment.



REQUIREMENT FOR THE ACCESS

Detailed information can be found on the site of the Degree Program and on the web.
<http://www.scuolapsb.unina.it/index.php/studiare-al-napoli/ammissione-ai-corsi>

TRAINING STRUCTURE

The Degree Course is awarded as "Chemistry Eurobachelor Label", which validates the qualification in EU countries and allows students to continue higher level studies in other European universities.



EDUCATIONAL PATH (180 ECTS*)

FIRST YEAR	ECTS
General and Inorganic Chemistry and Laboratory	8
Mathematics I	6
English	8
Physics I	6
Analytical Chemistry I and Laboratory	8
Mathematics II	6
	8
SECOND YEAR	
Physical Chemistry I (2 modules)	11
Organic Chemistry I (2 modules)	11
Physics II and Laboratory (2 modules)	11
General and Inorganic Chemistry II	8
Physical Chemistry II (2 modules)	11
Organic Chemistry II (2 modules)	11
THIRD YEAR	
Biochemistry	8
Computing and Informatic Laboratory	6
Analytical Chemistry II	8
Macromolecular Chemistry	6
Elective courses	12
Technical training	4
Data processing and ICT skills	3
Bachelor's thesis	12

*ECTS = University Credit

1 ECTS is equivalent to 8 hours of frontal teaching or 12 hours of laboratory practice

JOB OPPORTUNITIES

Chemists go everywhere – Chemistry is a central science and a degree in chemistry offers ample job opportunities. Chemistry graduates are essential for many industries, including but not limited to the chemical, pharmaceutical, cosmetic, agro-food and biotechnological industries, both in quality control (analytic laboratories) as well as in research centers.

The skills provided by the Degree Course in Chemistry are in fact needed in various fields including for example environmental monitoring, food safety, and drug development but also unusual fields such as the Forensic Sciences and the Restoration and Conservation of Cultural Heritage.

Finally, graduates in Chemistry will be able to work as freelance upon achievement the title of "Junior Chemist" after passing the State Licensure Examination.

CONTINUATION OF STUDIES

The three-year Course finds its natural completion in the Master Degree Course in Chemical Sciences, or in other Master's Degrees in the technical scientific area.

WHERE WE ARE

The lessons and lab activities are carried out at Complesso Universitario di Monte S. Angelo Via Cintia, Napoli

HOW TO JOIN US

- By car: Tangenziale, exit Fuorigrotta;
- Train: Metropolitana Linea 2 (Campi Flegrei Station); Circumflegrea (Mostra Station);
- Bus: From Piazzale Tecchio-MSA: 615; 180; R6
From Piazza Leonardo (Vomero)-MSA: C33;
- Connections with private bus-lines coming from all over the Campania Region are also active

Services

Punto Adisu | Centro Sinapsi | Cafeterias | Bar | Copy Center | ATM