

PROFILE

PhD PROGRAMME IN CHEMICAL AND MOLECULAR SCIENCE

Scientific area CUN: 03 Chemical Science

Coordinator: Prof.ssa Luisa Torsi

Administrative location: Dipartimento di Chimica

PEC: direttore.chimica@pec.uniba.it

Duration: 3 years

Total number of available positions: 11

- n.6 positions with scholarship funded by the University of Bari;
- n.1 position with scholarship funded by National Research Council and by the company Chiesi Farmaceutici SpA for the research project: **Application of molecular modelling techniques and artificial intelligence for the design of molecules of pharmaceutical interest.**
- n.1 position reserved for scholarship holder of specific international mobility programs MSCA-ITN-ETN "BEEP" - GA 860125;
- n.2 positions without scholarship
- n. 1 position with a "higher education apprenticeship contract" for graduates under the age of 30. The contract is established with POLLUTION srl, an enterprise whose main location is in Budrio (BO). The research profile for POLLUTION srl is: **Development of a highly innovative technology to support the monitoring of "odour annoyance"**

Curricula:

1. Advanced chemical processes (Scientific Subject Codes CHIM/01, CHIM/02, CHIM/03, CHIM/06)
2. Chemistry of innovative materials (Scientific Subject Codes CHIM/01, CHIM/02, CHIM/03, CHIM/06)
3. Chemistry of biological systems (Scientific Subject Codes CHIM/01, CHIM/02, CHIM/03, CHIM/06 and CHIM/12)

Arrangements for admission (ordinary candidates)

The exam procedures will be taken in accordance with art. 6 lett. C

The selection process will include the evaluation of the titles and oral exams as well as a verification of the knowledge of English language.

The exams are unique and the ranking list will be unique.

The available positions will be assigned according to the order in the merit ranking, up to their exhaustion.

Methods of accomplishment for the exams in English for foreign candidates

For foreign candidates, the oral exam can be done in Italian or in English.

Admission Exam dates and time:

Oral exam: September, 17th 2020 at 09:00 a.m.

Venue: Microsoft Teams platform. The access code to the platform will be communicated promptly to the candidates.

For more information: <http://www.chimica.uniba.it/didattica/dottorato-ricerca-scienze-chimiche-molecolari>