Opening day

XXXVII CYCLE

PhD in CHEMISTRY and INDUSTRIAL CHEMISTRY

January 19th 2022

PROGRAMME

14.00 Welcome address and presentation of PhD courses in Chemistry and Industrial Chemistry
14.30 Presentation of the Chemistry Department
15.00 Research projects presentation of PhD students in Chemistry
16.15 Research projects presentation of PhD students in Industrial Chemistry
Opening day

XXXVII cycle
PhD in Chemistry and Industrial Chemistry

19 January 2022
PhD students in Industrial Chemistry

1. GRAINCA Arian
2. HAGHSHENAS Niloofar
3. LIVOLSI Simone
4. MAVER Daniele
5. RESTA Simonetta
6. SORTI Letizia (Bracco)
7. VITULANO Fiammetta (Bracco)
8. AVOLA Tiziana (A2A)
9. CARBONE Claudia (Bracco)
10. DONATO Emanuela (Chemessentia)
11. MARCOLINI Eleonora (Graniti Fiandre)
12. SCARABATTOLI Letizia (Ilsa)
13. TONSI Giulia (Radici InNova)
14. ZANELLA Elisa (Regas)
PhD students in Chemistry

1. ANTONINI Giulia
2. BELLOMI Silvio
3. CORFU Alexandra
4. DELL’ACQUA Rosamaria
5. DOLCINI Luigi
6. MAIOCCHI Alice
7. MAURI Luca
8. MOSCATO Davide
9. VANDONE Marco

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10. BERGOMI Andrea
11. INTINI Niccolò
12. MINELLI Simone
13. ORLANDO Paolo
14. PECORA Dèsrèè
PhDs in Chemistry and Industrial Chemistry

Part of the **LERU (League of European Research Universities)** network, an association of 23 leading research-intensive universities that share the values of high-quality teaching within an environment of internationally competitive research.


“We develop and disseminate our views on research, innovation and higher education through policy papers, statements, meetings and events helping to shape policy at the EU level.”

The LERU Doctoral Summer School

Aims to provide doctoral candidates with unique professional and personal development opportunities. By creating an exceptional and truly international, intercultural and interdisciplinary meeting of bright young minds, the Summer School creates a highly stimulating learning experience, of great value to the participants’ future careers. Participants are LERU university PhD candidates who are selected on the basis of a university-wide competition.

2021: Re-evaluating the Role of the Expert
On the role of Doctoral Research and Researchers in promoting the importance of the ‘Expert’ in Europe (Trinity College Dublin, online).

2019: Building Research Capacity and a Collaborative Global Community
On the importance of collaboration and creation of multi-disciplinary networks (University of Edinburgh)
General organization

Teaching board (Collegio dei Docenti) of Chemistry:
31 members of UNIMI and 11 foreign members

Teaching board (Collegio dei Docenti) of Industrial Chemistry:
26 members of UNIMI and 12 foreign members

Organization of teaching activity and decisions on issues related to the courses.

Course in Chemistry
Coordinator:
Prof. Daniele Passarella
daniele.passarella@unimi.it
tel: 14081

Course in Industrial Chemistry
Coordinator:
Prof. Dominique Roberto
dominique.roberto@unimi.it
tel: 14399

Contact us for any problem
The main goal of both PhD programmes in Chemistry and Industrial Chemistry is to form outstanding scholars for **careers in teaching and research in leading Academic Institutions and Industries.** This will be realized by expanding your knowledge of chemistry and, in the meantime, developing your ability for **critical analysis**, **creativity**, and **independent study**.

This goal will be reached through the interdisciplinary training acquired during your PhD studies.
General information

Programme duration: three years

Number of credits to be acquired: 180 CFU

Allocation of credits:

1. Research activity: 136 CFU
2. Courses: 12 CFU minimum (specialist courses)
   18 CFU (72 h, soft skills)
3. Other activities: 14 CFU
Specialist courses: 12 CFU/three years

The University Catalogue lists specialist courses to be included in your individual study plan. All students enrolled in the PhD programmes of the University of Milan can access the Catalogue.

Courses organized by the teaching board for PhD students in Chemistry and Industrial Chemistry in the following scientific areas:

- Inorganic Chemistry
- Organic and Pharmaceutical Chemistry
- Physical Chemistry
- Theoretical Chemistry
- Analytical Chemistry
- Industrial Chemistry
Specialist courses: How to enroll

Follow the indications at the links:
https://www.unimi.it/en/education/postgraduate-programmes/doctoral-programmes-phd/phd-courses-list


Remember, the course enrolment deadline is usually the **25th day of the month prior to the start date**. More specifically:

- **27 December 2021** for courses starting in **January 2022**
- **25 January 2022** for courses starting in **February 2022**
- **25 February 2022** for courses starting in **March 2022**

**Calendar 2021-2022** (PhDs in Chemistry and Industrial Chemistry):
Courses on soft skills (Competenze trasversali)

Scientific research requires additional technical and relational skills on top of disciplinary skills to be acquired in a PhD programme.

UNIMI provides, for PhD students in all academic areas, a wide range of cross-curricular courses like:

- Language and communication fields (Academic English)
- Research grants (European funding programmes)
- Intellectual property protection (Patents)
- Open science
- Placement and job market ...... and other topics

No registration, unless otherwise indicated by the teacher. Indications are sent to you by e-mail from the competent office (phd.transferableskills@unimi.it)

https://www.unimi.it/en/study/postgraduate-study/doctoral-research-phd-programmes/following-your-plan-study/soft-skills
Other activities: 14 CFU/three years

1. Presentation of research reports (oral and written) at the end of each year on the results of the research activity:
   - **Written report**, presented to the teaching board each year
   - **Oral presentation** (15 mn) at MeetMeOnChem (1\(^{st}\) and 2\(^{nd}\) years)
   - **Oral presentation** (25 mn) in front of the teaching board (3\(^{rd}\) year)

   2 CFU/year \implies 6 CFU in 3 years

2. **Participation** to at least two scientific congresses or schools for PhD students, presenting results of the scientific research (usually, 2\(^{nd}\) and 3\(^{rd}\) years).

   2 CFU each for a maximum of 4 CFU

3. **Participation** to seminars organized by the Department (Chemist’s Interactions)

   6 seminars/year \implies 2 CFU in 3 years

4. **Support activity** to diffusion and promotion of chemistry within non-academic communities (PLS activities, organized by *Commissione Orientamento* of the Department of Chemistry; reference prof. Alessandra Silvani)

   12 h in 3 years \implies 2 CFU in 3 years
These are scientific seminars organized by the Department of Chemistry

(organizers: Prof. Luca Pignataro, Prof.ssa Valentina Colombo, Prof.ssa Valentina Pifferi)

There is one seminar by month (details are on the website of the Department of Chemistry). Each year you have to follow at least six of them.

If you want, you can propose some professor as invited speaker!
Economics

**Salary:** 16.350,00 €/year, paid monthly upon certification of your activity.

**Research period abroad:** salary increased of 50% for periods longer than 1 month and for a maximum of 18 months.

The research period abroad must be endorsed by the Tutor and the Teaching Board.

*At least 3 months in another country of the European Union*

*Doctor Europaeus title*
**Economics**

**Funds for research:** you will receive **1650 €/year** to support your **second and third year** activity.

This money can be used for:

- ✓ research expenses (reagents, glassware, analysis);
- ✓ participation to congresses or schools;
- ✓ trip expenses when you go in mission;
- ✓ preparation/printing of your thesis.

Participation to meetings and periods abroad should be authorized by the Coordinator.
Contacts

PhD Chemistry: Prof. Daniele Passarella
daniele.passarella@unimi.it; tel: 14081

PhD Industrial Chemistry: Prof. Dominique Roberto
dominique.roberto@unimi.it; tel: 14399

Web site

http://www.chimica.unimi.it/ecm/home/dottorati

For information see also:
https://www.unimi.it/it/corsi/corsi-post-laurea/corsi-di-dottorato-phd

https://www.unimi.it/en/education/postgraduate-programmes/doctoral-programmes-phd
Have a nice and challenging PhD time!!
Presentation of the Chemistry Department

Prof. Laura Prati
(Director)
Doctorate course in Chemistry

Schedule for presentations

XXXVII CYCLE

1. DOLCINI Luigi
2. ANTONINI Giulia
3. BELLOMI Silvio
4. CORFU Alexandra
5. DELL’ACQUA Rosamaria
6. MAIOCCHI Alice
7. MAURI Luca
8. MOSCATO Davide
9. VANDONE Marco
10. BERGOMI Andrea
11. INTINI Niccolò
12. MINELLI Simone
13. ORLANDO Paolo
14. PECORA Desiree
Doctorate course in Industrial Chemistry

Schedule for presentations

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