

Master in Chemistry

Chemistry 1st year

Presentation

The first year of the master 1st year in Chemistry leads to four master 2 programs: ChemTechCo, Chemistry for life sciences, PTA and SOIPA. The classes on offer fall within the field of chemistry and its interfaces with life sciences and polymer materials. During the course, students acquire the disciplinary skills vital for any type of chemist (in particular analytical methods, spectroscopy, experimental and bibliographic techniques, amongst others) and also skills more focused on the applications specific to each master 2 programs. These classes are supplemented by cross-disciplinary classes focused on languages and graduate employment, and by a mandatory internship (from 2 to 5 months) which enables students to get to grips with working in a team, in an academic or industrial setting, in France or abroad.

Registration and scholarships

Access conditions

First year master's degree : If you have completed a bachelor's degree in Science Chemistry, Biological chemistry or Physical chemistry or are enrolled in the final semester of a bachelor's program in the same domain, you are eligible to apply to the master's degree in Chemistry.

Public continuing education : You are in charge of continuing education :

- if you resume your studies after 2 years of interruption of studies
- or if you followed training under the continuous training regime one of the previous 2 years
- or if you are an employee, job seeker, self-employed

If you do not have the diploma required to integrate the training, you can undertake a [validation of personal and professional achievements \(VAPP\)](#).

[skin.odf-uga:SKIN_ODF_CONTENT_PROGRAM_CANDIDATURE_LABEL](#)

Opening period : from 26 of february to 24 of march 2024 included with [monmaster.gouv.fr](#)

You want to apply and sign up for a course master ? Please be aware that the procedure differs depending on the diploma you want to take, the diploma you have already obtained and, for foreign students, your place of residence. Let us be your guide – simply follow this [link](#)

Expenses

UGA registration fees: 243 € + 100 € CVEC

Practicals informations :

- > Component : UFR Chimie-Biologie
- > level : Baccaureate +4
- > Duration : 1 year
- > Course type : Initial and Continuing Education
- > Location(s) : Grenoble - University campus

Contacts

Program director

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Administrative contact

Chemistry-Biology Course Services
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Program

Master 1st year

Semester 7

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| UE Experimental chemistry | 6 ECTS |
| UE Analytical and spectroscopic methods | 6 ECTS |
| 3 option(s) to choose from 3 | |
| UE Organic chemistry 1 | 6 ECTS |
| UE Organometallic catalysis | 6 ECTS |
| UE Polymers 1 | 6 ECTS |
| Chemistry of Biomolecules | 6 ECTS |

Semester 8

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| UE Communication tools | 3 ECTS |
| UE Internship | 6 ECTS |
| 3 option(s) to choose from 3 | |
| UE Organic chemistry 2 | 6 ECTS |
| UE Bioorganic and bioinorganic chemistry | 6 ECTS |
| UE Polymers 2 chemistry and physico-chemistry | 6 ECTS |
| UE Macromolecular engineering | 6 ECTS |
| UE Lab project | 6 ECTS |
| 1 option(s) to choose from 1 | |
| UE English | 3 ECTS |
| UE Other language | 3 ECTS |