Erasmus Mundus Joint Master
CHEMoinFORMATICS+

- In Silico Drug Design
- Chemoinformatics and Physical Chemistry
- Chemoinformatics for Biophysical and Computational Chemistry
- Chemoinformatics for Organic Chemistry
- Chemoinformatics and Materials Informatics
This two-year, 120 ECTS, multi-university Master programme offers a unique opportunity to enjoy high level training in Chemoinformatics in different Universities among the six involved in the Chemoinformatics+ Consortium worldwide.

The Master is open to undergraduate and graduate students with a Bachelor degree (180 ECTS) in Chemistry, Physical-Chemistry, Bio-Chemistry or equivalent.

OBJECTIVES OF THE PROGRAMME

This Master program aims at training specialists with strong skills in Chemistry, basic Computer science and specific Chemoinformatics methods.

- The program includes lectures and tutorials in chemoinformatics, molecular modeling, quantum chemistry as well as software programming and database management.
- Recent developments in statistics and machine learning, specifically big data and artificial intelligence are also addressed.
- Summer schools offer advanced lectures from the best worldwide specialists in the field of Chemoinformatics.
- Several specific events are satellites of the school: the molecular modelling project, a preparatory workshop dedicated to the industrial project and a hackathon dedicated to open science.

Chemoinformatics+ offers a two-year Master’s programme in which students can choose their own mobility track.

The mobility pattern is as follows:

<table>
<thead>
<tr>
<th>TRACK</th>
<th>YEAR 1</th>
<th>YEAR 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>In Silico Drug Design</td>
<td>Strasbourg</td>
<td>Paris</td>
</tr>
<tr>
<td>Chemoinformatics and Physical Chemistry</td>
<td>Milan</td>
<td>Internship</td>
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<tr>
<td>Chemoinformatics for Biophysical and Computational Chemistry</td>
<td>Ljubljana</td>
<td>Strasbourg</td>
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<tr>
<td>Chemoinformatics for Organic Chemistry</td>
<td>Lisbon</td>
<td>Strasbourg</td>
</tr>
<tr>
<td>Chemoinformatics and Materials Informatics</td>
<td>Ramat-Gan</td>
<td>Strasbourg</td>
</tr>
</tbody>
</table>

3 MOBILITIES
ADMISSION

- Degree requirement
  Students need to have successfully completed at least an undergraduate degree in the field of Chemistry, Physical-Chemistry, Bio-Chemistry or equivalent. Candidates still completing their Bachelor’s degree should graduate before the start of the Master.

- Language requirements
  Students must be fluent in English. It is not mandatory to speak Italian, Portuguese, Slovenian or Hebrew but it is an advantage.

- Mobility restrictions
  The mobility track for each student involve two out of the six universities of the Consortium. Students can choose a track even if the first year is in their home country. Nevertheless, these students must do their internship abroad to fulfill mobility requirements.

- Selection process
  APPLICATIONS MUST BE DONE THROUGH THE OFFICIAL APPLICATION PLATFORM

  https://masterchemoinfoplus.chimie.unistra.fr

FEES & FUNDING

- Fees
  Erasmus Mundus students do not pay neither application fees nor tuition fees.

- Funding
  The Erasmus Mundus Master in Chemoninformatics+ award a two-year Erasmus Mundus scholarship of €1 400 to approximately 20 students out of the 25 selected per edition.

  Partners endeavour to offer other grants to self-financed students (regular Erasmus+ scholarship, twin cities, scholarship of the Region, embassies ...).

5 reasons to choose Chemoinformatics+

1. A double diploma
2. Master of excellence labelled Erasmus Mundus
3. An International Master
4. A Multicultural experience
5. Professional opportunities in many sectors
If you need further information concerning general enquiries please contact:

chimie-erasmusp mundus-contact@unistra.fr

For any other enquiries concerning the Universities of the Consortium, please consult the subsections devoted to each University.

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**Where can you find us**

- [https://masterchemoinfoplus.chimie.unistra.fr](https://masterchemoinfoplus.chimie.unistra.fr)
- [https://www.instagram.com/mundus_chemoinformaticsplus/](https://www.instagram.com/mundus_chemoinformaticsplus/)
- [https://www.linkedin.com/groups/4755136/](https://www.linkedin.com/groups/4755136/)