

Partners



- Autonomous University of Madrid (Coordinator), (Spain)
- University Paul Sabatier Toulouse III (Co-Coordinator), (France)
- University of Barcelona, (Spain)
- Catholic University of Leuven, (Belgium)
- University of Groningen, (Netherlands)
- University of Perugia, (Italy)
- Sorbonne University, (France)
- University of Trieste, (Italy)
- University of Valencia, (Spain)

Associated Partners

Institutions involved in the programme where research stays can be carried out.

EU-UNIVERSITIES



- University of Montpellier, (France)
- University of Pau et des Pays de l'Adour, (France)
- University of Bordeaux, (France)
- University of Pisa, (Italy)
- University of Cantabria, (Spain)
- University of Extremadura, (Spain)
- University of Balearic Islands, (Spain)
- University Jaume I of Castellón, (Spain)
- University of Murcia, (Spain)
- University of Oviedo, (Spain)
- University of Salamanca, (Spain)
- University of Santiago de Compostela, (Spain)
- University of Valladolid, (Spain)
- University of Vigo, (Spain)
- University of Basque Country, (Spain)

NON EU-UNIVERSITIES



- University of California, Berkeley (USA).
- Stanford University (USA).
- University of Southern California (USA).
- Pontifical Catholic University of Chile, (Chile)
- Kyoto University (Japan).
- Xiamen University (China).
- Khalifa University of Science & Technology (UAE).
- Australian National University (Australia)

SUPERCOMPUTERS CENTERS



- Barcelona Supercomputer Centre (Spain).
- SURFsara (The Netherlands).
- Oak Ridge National Laboratory (USA).
- CINECA (Italy).

SCIENTIFIC CENTERS



- Max Planck Institut fuer Kohlenforsch (Germany).
- CECAM- Centre Européen de Calcul Atomique et Moléculaire (Switzerland).
- EPFL Ecole Polytechnique Federale de Lausanne (Switzerland).

COMPANIES



- Simune Atomistics S.L. (Spain).
- MasterUp (Italy).
- QChem (USA).
- Mestrelab (Spain).



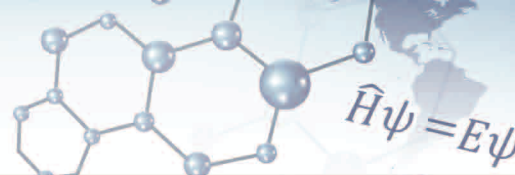
With the support of the Erasmus+ Programme of the European Union



Opportunities to apply for Scholarships



Erasmus Mundus Master in Theoretical Chemistry and Computational Modelling.



The Erasmus Mundus Master

Do you want to study Theoretical Chemistry in Europe?

The Master Erasmus Mundus in Theoretical Chemistry and Computational Modelling (TCCM) offers you the possibility to study a master in a topic of high impact and in which well trained professionals are highly demanded. Theoretical simulations are nowadays needed in all branches of chemistry and molecular Physics. Their range of applications include the design of new drugs in the pharmaceutical industry, new materials and nanodevices, study of the chemical reactivity...

The Master Programme

The TCCM master programme (120 ECTS, 2 years) involves a large consortium formed by some of the most prestigious universities worldwide. The common study plan is organized in a wide number of activities and courses and will imply mobility in at least two EU countries and to study in an international and friendly atmosphere.

First year (M1)

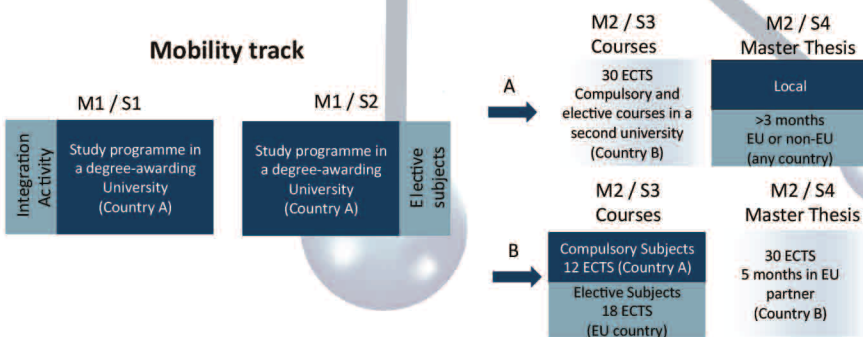
It is mostly delivered at the local level, the syllabus to be implemented in each university has been agreed among all degree-awarding universities to ensure common contents, within the restrictions imposed by national regulations or by the need to adapt the plan to the level of local students.

It covers the fundamental aspects: theoretical methodologies, computational techniques and main applications. At the very beginning of the M1 and integration activity will take place every year to ensure a sense of community among our students. It will allow all students to meet and feel part of a joint journey.

Second year (M2)

The courses in M2 include a compulsory part and several elective subjects to cover the different fields of applications. All M2 courses will be common and offered during the first semester of the second year. They have been designed to fulfill the EM international mobility rules and will be held in different countries. During the second semester of M2 all students will do their Master thesis in collaboration between at least two groups from different countries, including associated partners, to ensure that students learn at least two complementary techniques. In the Master thesis students will spend a minimum of three months in a country different from the University in which they are registered and can include mobilities outside Europe.

Mobility track



The Scholarships

The programme offers you the possibility to apply for scholarships. There are two types (depending on the country of origin): **Partner Country and Programme Country.**

Erasmus Mundus Scholarships for partner country students. *



Devoted to partner country students. These scholarships will cover:

- Living allowance: a contribution for subsistence costs of 1000 €/month during 24 months.
- Participation costs: tuition fees and participation in the different courses will be fully covered.
- Health insurance.
- Between 5000 and 7000 € for travel and installation depending on the country of origin.

Erasmus Mundus Scholarships for programme country students. *



Devoted to programme country students. These scholarships will cover:

- Living allowance: a contribution for subsistence costs of 1000 €/month during 24 months.
- Participation costs: tuition fees and participation in the different courses will be fully covered.
- Health insurance.
- 2000 € for travel and installation.

* **Programme country students** are those students living in EU or associated countries. **Partner country students** are students from the rest of the world. See details in the web page.



More information at:
www.emtccm.org
 Contact us: emtccm@uam.es

