DO YOU WANT TO STUDY THEORETICAL CHEMISTRY IN EUROPE?

Theoretical Chemistry and Computational Modelling (TCCM) offers you the possibility to study in different countries within this international master programme. TCCM is a master programme that combines theoretical chemistry and computational modelling, providing a unique and comprehensive education in these fields.

The master is structured in three years, divided into two main stages: the first year is devoted to the acquisition of foundational knowledge, whereas in the second and third year students can choose to specialize in any of the following areas:

- Physical Chemistry: focusing on the fundamental aspects of chemical processes and structures.
- Quantum Chemistry: exploring the quantum mechanical principles underlying chemical phenomena.
- Computational Chemistry: applying computational tools to solve complex chemical problems.
- Molecular Science: studying the structure and properties of molecules.
- Materials Science: examining the properties and behavior of materials.
- Pharmaceutical Chemistry: focusing on the design and development of pharmaceuticals.
- Environmental Chemistry: addressing the environmental impact of chemical processes.
- Nanoscience: investigating the properties and applications of nanomaterials.

The programme is offered in a consortium of European universities, with a particular focus on fostering international collaboration and mobility. Students enrolled in the master programme will have the opportunity to take courses in different institutions, thereby broadening their academic and professional perspectives.

The programme is open to students from all over the world, with a strong emphasis on diversity and inclusivity. Application deadlines are typically in January, and the programme begins in September. Scholarships are available to support talented students from backgrounds underrepresented in the sciences.

For more information, visit www.tccm.eu or contact the programme coordinators at tccm@europe.com.
PARTNERS*

Autonomous University of Madrid (Coordinator)

University Toulouse III – Paul Sabatier (Co-Coordinator)

University of Barcelona

Catholic University of Leuven

University of Groningen

University of Perugia

Sorbonne University

University of Trieste

University of Valencia

Full list of Associated Partners is at the TCCM web page

ASSOCIATED PARTNERS AND SUPPLEMENTARY REGION ORIENTED GRANTS

THE SCHOLARSHIPS

The call is now closed. In September/October 2022 we will announce the new call for applications. Follow us on our social networks and do not miss any information!

The scholarships will cover:

- Living allowance: a contribution for subsistence costs of 1000€/month during 24 months.
- Participation Costs: all tuition fees and participation costs, as attendance to courses, will be covered.
- Insurance health fully covering the two years of the master in any of the countries where the student will do mobility periods.
- Contribution to travel and installation costs: between 1,000 and 4,000 € per year depending on the country of origin.

INCLUSIVENESS AND GENDER POLICY

Grants are open to applicants from any country of the world, but in order to promote some regions, there are some grants that will be assigned to applicants coming from specific countries. The number of these special grants and the full list of these specific countries is available through the web page of the TCCM master.

We welcome applicants from different academic backgrounds, if you are not an expert in physics, chemistry, or any other field of the master, we offer levelling courses. We have 20 years’ experience in receiving students from all around the world and when needed we provide students with complementary tuition to compensate for bachelors education which are weaker in some areas relevant for the master.

The TCCM master follows a policy of promoting women applicants. We are aware of the extra difficulties that many women experience when undertaking a career in science, and it will be taken into account in all the selection procedures.

Many of the professors and research leaders involved in the master consortium are women, and to continue our work for gender balance in science, we encourage the next generation of women in STEM to apply to the TCCM master.

ORIANA BREA - TCCM ALUMNI

The TCCM program paved the way for my career as a researcher. The TCCM trained me as a computational chemist, supported me both financially and personally when I moved far away from my home country (Venezuela), and helped me in building an international scientific network. Being a TCCM alumni is equivalent to have a prestige certificate as computational chemist. I will always be grateful to the consortium for such a great opportunity.

2011-2013 TCCM Master (UAM)
2013-2017 PhD (UAM - Toulouse)
2017-2020 (Postdoc at Stockholm University)