

INTERNSHIP CONTRACT OFFER IN THE  
'MARÍA DE MAEZTU' EXCELLENCE UNIT  
MOLECULAR SCIENCE INSTITUTE (ICMOL), UNIVERSITAT DE VALÈNCIA  
ACADEMIC YEAR 2021-2022

**ICMol 'María de Maeztu' training program – Academic year 2020-2021**

'Severo Ochoa' Excellence Centres and 'María de Maeztu' Excellence Units are among the best research structures in the world on its corresponding research field. Currently, in the Valencian Region there are 4 excellence research structures: Institute of Corpuscular Physics (IFIC), Institute of Chemical Technology (ITQ), Neurosciences Institute and Molecular Science Institute (ICMol).

ICMol 'María de Maeztu' Excellence Unit offers up to 10 internship contracts addressed to students of the interuniversity masters in [Molecular Nanoscience and Nanotechnology](#), or [Theoretical Chemistry and Computational Modelling](#) (*Erasmus Mundus*) who plan to carry out their Master Thesis at the ICMol Excellence Unit during academic year 2021-2022.

The **aim** of this program is to introduce master students in the ICMol research activities, promoting the contact between students and ICMol researchers in view of their possible PhD thesis in the Excellence Unit in the following years.

The research topics proposed will have to fit in one of following Excellence Unit research lines:

1. Materials based on Metal Organic Frameworks (MOFs).
2. Bidimensional Materials akin to graphene.
3. Biomaterials.
4. Molecular spintronic devices.
5. Molecular spins for quantum technologies.

**Application deadline: July 5<sup>th</sup> 2021**

**Applicants' requirements:**

Citizens from Spain, any Member State of the European Union and foreigners can apply to these contract offers if they fulfil the following requirements:

- Having obtained their degree in Physics, Chemistry or similar fields in 2019-2020 academic year or later, and not having obtained or being in the legal conditions to obtain a PhD degree.
- Having, when signing the contract, an average score of 8 points in an experimental science degree or 7.50 points in a technical degree; using a 0 to 10 decimal scale, according to Spanish grading scale.

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- When submitting the application, being enrolled, or having requested the admission or the pre-admission to the Universitat de València, in one of the above-mentioned masters for the 2021-2022 academic year.
- Carry out the Master Thesis in one of the ICMol Excellence Unit research groups during 2021-2022 academic year.

**Application form submission:**

Candidates will send by email a completed and signed copy of the application form together with the required additional documentation to [francisco.escrig@uv.es](mailto:francisco.escrig@uv.es)

Additional documentation:

- Degree academics records, where the number of obtained ECTS credits and average score with 2 decimals in a 0-10 scale appear.
- When not having obtained yet the degree in the moment of the application but being on conditions to obtain it during 2019-2020 academic year, academic certification issued and signed by the University where the number of obtained ECTS credits and average score with 2 decimals in a 0-10 scale appear.
- When having a non-Spanish degree; document issued by the Spanish Ministry of Education, Culture and Sport with the Spanish grading scale equivalent average score. This document can be obtained through the portal "[Equivalencia de notas medias de estudios universitarios realizados en centros extranjeros](#)".
- Applicant's *Curriculum vitae* proving the merits with a copy of the appropriate certifying documentation.

**Duration:** 4 consecutive months during 2020-2021 academic year.

**Salary:** 2.400 euros divided in four monthly wages of 600 euros.

**Applicants assessment criteria:**

Assessment of the applicants accepted for processing after the administrative review will be done by the Academics Commission of each master, in accordance with the following criteria:

1. Applicant's academic records (80%).
2. *Curriculum vitae*: assessment of the previous research experience and certified complementary training (courses, language skills, obtained fellowships, Erasmus grants, etc.) (20%).

Any further enquiry should be addressed by email to [francisco.escrig@uv.es](mailto:francisco.escrig@uv.es)