



UNIVERSITAT
ROVIRA I VIRGILI
Facultat de Química



Institut Català
d'Investigació Química

Master in Synthesis, Catalysis and Molecular Design

“Comprehensive knowledge
on synthetic and catalytic
processes, from laboratory
to industrial scale”

An R&D+I
oriented Master

State-of-the-art research
facilities in an interna-
tional and inspiring
campus university.

1
year

60
credits



English

**Close supervision and support
from our researchers.**

Careers service.

For further information about
this Master's degree:

www.quimica.urv.es/mscmd/

ICIQ/URV Campus Sescelades, 43007
43007 Tarragona (Spain)
iciq.org | urv.cat

*Theoretical courses
+ master project*



Excellent training for a great performance...



...in the lab

*Access to
doctorate studies*

Development of sustainable synthetic processes.

Methodologies and design of synthetic routes to obtain new products with the help of computational tools.

Use of modern techniques of structural characterization of molecular compounds, surfaces and solids.

...in industry

Development of fine chemicals, pharmaceutical compounds, agrochemicals, phytosanitaires, intelligent materials and polymer synthesis.

Scale-up of chemical processes.

Implementation of environmental solutions.

*Access to leading
productive sectors*



Enjoy Mediterranean Life!

We are located in **Tarragona**, 100 km South of Barcelona. Tarragona has beautiful beaches and a neighbouring countryside full of almond and olive groves. Tarragona offers a **great quality of life** and is a lively city with many popular festivals.



Scholarships: Apply now!

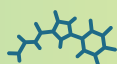
Both the URV and ICIQ have **scholarship programmes** to pursue the master's degree in Synthesis, Catalysis and Molecular Design. You can browse the master projects that ICIQ and the URV offer and the conditions and requirements for each scholarship programme **in the following links:**

ICIQ's master projects
fellowship programme

URV's master projects
fellowship programme



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