

# MASTER IN SYNTHESIS, CATALYSIS, AND MOLECULAR DESIGN (2024/2025)

## Timetable October - December 2024

The classes will take place:

**Faculty of Chemistry (FQ -URV): classroom 200 or computer's room 105 (\*)**

**ICIQ: Library**

	Monday	Tuesday	Wednesday	Thursday	Friday
	<b>FQ</b>	<b>FQ / ICIQ</b>	<b>FQ</b>	<b>FQ / ICIQ</b>	<b>FQ / ICIQ</b>
<b>8:10-9</b>			Asymmetric Synthesis		
<b>9:10-10</b>	Asymmetric Synthesis		Asymmetric Synthesis	Catalytic Materials	Supramolecular Chemistry (+++)
<b>10:10-11</b>	Asymmetric Synthesis	Structural Determination Techniques (++)	Introduction to computational chemistry (+, *)	Structural Determination Techniques (++)	Organometallics Homogenous Catalysis
<b>11:10-12</b>	Organometallics Homogenous Catalysis	Structural Determination Techniques (++)	Introduction to computational chemistry (+, *)	Structural Determination Techniques (++)	Organometallics Homogenous Catalysis
<b>12:10-13</b>	Organometallics Homogenous Catalysis	Catalytic Materials	Introduction to computational chemistry (+, *)	Supramolecular Chemistry (+++) (106)	Seminars ICIQ
<b>13:10-14</b>	Catalytic Materials	Catalytic Materials		Supramolecular Chemistry (+++) (106)	

**1st DAY: September 30<sup>th</sup>.** From 8.30 to 9.00 welcome session by the coordinators.

**Lectures:** From September 30<sup>th</sup> to December 5<sup>th</sup>, 2024.

(+) and (++): From 30 September to 29 November, 2024, and from 7 January to 24 January 2025

(+++)  
Supramolecular Chemistry: from 3 October to 20 December 2024.

**Exams:** December 9<sup>th</sup> – 13<sup>th</sup> 2024 (suggested).

**Master Project:** from October 2024 to the end of June 2025. It is also possible to finish at the end of July or on the first days of September.

**Holidays:** 1 November and 6 December 2024. From 23 December 2024 to 6 January 2025.

# MASTER IN SYNTHESIS, CATALYSIS AND MOLECULAR DESIGN

## Timetable from 7 January to 7 March 2025

The classes will take place:

**FQ (URV): classroom 100 or computer's rooms 105 (\*)**

**ICIQ: Library**

	Monday	Tuesday	Wednesday	Thursday	Friday
	<b>FQ</b>	<b>ICIQ / FQ</b>	<b>FQ</b>	<b>ICIQ / FQ</b>	<b>FQ / ICIQ</b>
<b>8:10-9</b>					
<b>9:10-10</b>	Introduction to computational chemistry (+, *)	Methods of synthesis and Synthetic analysis	Introduction to computational chemistry (+, *)	Methods of synthesis and Synthetic analysis	Structural Determination Techniques (+)
<b>10:10-11</b>	Introduction to computational chemistry (+, *)	Methods of synthesis and Synthetic analysis	Introduction to computational chemistry (+, *)	Methods of synthesis and Synthetic analysis	Structural Determination Techniques (+)
<b>11:10-12</b>	Catalysis for Sustainable Energy Production	Structural Determination Techniques (+)	Computational modelling (^*)	Catalysis for Sustainable Energy Production	Sustainable approaches to synthesis and catalysis
<b>12:10-13</b>	Catalysis for Sustainable Energy Production	Structural Determination Techniques (+)	Computational modelling (^*)	Catalysis for Sustainable Energy Production	<b>Seminars ICIQ</b>
<b>13:10-14</b>	Computational modelling (*)	Computational modelling (*)	Sustainable approaches to synthesis and catalysis	Sustainable approaches to synthesis and catalysis	Sustainable approaches to synthesis and catalysis (+++)
<b>16-16:50</b>	Nanocatalysis	Polymeric Materials	Nanocatalysis (++)	Polymeric Materials	
<b>17-17:50</b>	Nanocatalysis	Polymeric Materials	Nanocatalysis (++)	Polymeric Materials	

**Lectures:** From 7 January to 7 March 2025 for optional subjects

(+) "Introduction to Computational Chemistry will finish on 24 January.

(+) "Structural Determination Techniques" will finish at the end of February.

(++) On February-March classes will be from 17 to 19 h

(+++) 12:10 - 13 the days without seminar.

(^) On 5<sup>th</sup> March classes will be at computer's room 104.

The timetable may be improved depending on the selection of the optional subjects and when some compulsory ones finish.

**Exams:** 10 – 21 March 2025 (suggested).