

Master in Theoretical Chemistry and Computational Modelling GROUP 271

First Semester

Subjects

Code	Name	Acronym	Coordinator
32523	<i>Mathematical foundations of quantum mechanics</i>	FMMC	Antonio Picón (UAM)
32524	<i>Statistical mechanics and applications on simulations</i>	MEAS	Ramón Sayós (UB)
32525	<i>Symmetry in atoms, molecules, and solids</i>	SAMS	Pablo García (UNICAN)
32526	<i>Computational techniques and numerical calculations</i>	TC	Pere Alemany (UB)
32527	<i>Theoretical chemistry methods I</i>	MQT I	Angelo Giussani (UV)
32528	<i>Theoretical chemistry methods II</i>	MQT II	Vícto Rayón (UB)
32529	<i>Deepening in methods of theoretical chemistry</i>	PMQT	Marcos Mandado (UVIGO)
32530	<i>Linux and Linux system managing</i>	LIN	Pablo Sanz (UAM)
32531	<i>Applied theoretical chemistry laboratory</i>	LQTA	Lara Martínez (UAM)
33422	<i>Transversal scientific and linguistic competence</i>	CCLT	Cristina Sanz (UAM)

COLOUR CODE:

Lectures	No colour
Lectures outside the Faculty (another Centre, another University)	
Computer Room	
Evaluation	
Doubs/Exercises resolution	
Conferences	

*These lessons will be held at the CCC's computer room located in Module 8.

**Computer room Faculty of Science.

Master in Theoretical Chemistry and Computational Modelling GROUP 271
WEEK 25-29 SEPTEMBER

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00 – 14:00	11:30- 14:30 UAM's Official Opening Ceremony	LIN*	LIN*	LIN*	LIN*

WEEK 02-06 OCTOBER

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00 – 14:00	LIN*	LIN*	LIN*	LIN*	

WEEK 09-13 OCTOBER

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
				HOLIDAY (National)	
15:00 – 17:00	FMMC	MEAS	FMMC		
17:00 – 19:00	SAMS				

WEEK 16-20 OCTOBER

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00 – 13:00	TC*	TC*	TC*	TC*	TC*
13:00 – 15:00					
15:00 – 17:00	FMMC	MEAS	FMMC	MEAS	FMMC
17:00 – 19:00	SAMS				SAMS

WEEK 23-27 OCTOBER

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
10:00 – 11:00	CCLT	LQTA*	CCLT	LQTA*	CCLT
11:00 – 12:00					
12:00 – 13:00					
13:00 – 15:00					
15:00 – 17:00	FMMC	MEAS	Sem. FMMC	MEAS	Sem. FMMC
17:00 – 19:00	SAMS				SAMS

Master in Theoretical Chemistry and Computational Modelling GROUP 271
WEEK 30 OCTOBER -03 NOVEMBER

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	
10:00 – 11:00	CCLT	LQTA*	HOLIDAY (National)	LQTA*	CCLT	
11:00 – 12:00						
12:00 – 13:00						
13:00 – 15:00						
15:00 – 17:00	FMMC	MEAS			MEAS	FMMC
17:00 – 19:00		SAMS			SAMS	

WEEK 06-10 NOVEMBER

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY			
10:00 – 11:00	CCLT	LQTA*		HOLIDAY (Madrid City)	HOLIDAY (Faculty of Science)			
11:00 – 12:00								
12:00 – 13:00								
13:00 – 15:00								
15:00 – 17:00	FMMC	MEAS						
17:00 – 19:00		SAMS						

WEEK 13-17 NOVEMBER

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
10:00 – 11:00	CCLT	LQTA*	CCLT	LQTA*	CCLT
11:00 – 12:00					
12:00 – 13:00					
13:00 – 15:00					
15:00 – 17:00	FMMC		FMMC		FMMC
17:00 – 19:00		SAMS			LINUX Deadline Homework

WEEK 20-24 NOVEMBER

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
10:00 – 11:00	CCLT	LQTA**	CCLT	LQTA**	CCLT
11:00 – 12:00					
12:00 – 13:00					
13:00 – 15:00					
15:00 – 17:00	FMMC	TC	FMMC	TC	MQT I
17:00 – 19:00					

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WEEK NOVEMBER 27 TO DECEMBER 01

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
10:00 – 11:00	CCLT	LQTA*	CCLT	LQTA*	
11:00 – 12:00					
12:00 – 13:00					
13:00 – 15:00					
15:00 – 17:00	MQT I	TC	MQT I	TC	MQT I
17:00 – 19:00	TC 1 - Deadline Homework				

WEEK 4-08 DECEMBER

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
			HOLIDAY (National)		HOLIDAY (National)
13:00 – 15:00					
15:00 - 17:00	MQT I	PMQT			

WEEK 11-15 DECEMBER

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
10:00 – 11:00	MEAS part I deadline Homework	LQTA*		LQTA*	LQTA Deadline Homework
11:00 – 12:00					
12:00 – 13:00					
13:00 – 15:00					
15:00 – 17:00	MQT I		MQT I		MQT I

WEEK 18-22 DECEMBER

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
10:00 – 11:00	LQTA Oral present.	CCLT Deadline Homework			
11:00 – 12:00					
12:00 – 13:00					

Master in Theoretical Chemistry and Computational Modelling GROUP 271

UNIVERSITY OF OVIEDO
INTENSIVE COURSE (3 WEEKS)

WEEK 8-12 JANUARY

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8:30 – 10:00	FMMC	FMMC	FMMC	FMMC	FMMC
10:15 – 11:45	MQT I	MQT I	MQT I	MQT I	MQT I
12:00 – 13:30	FMMC	FMMC	FMMC	FMMC	FMMC
13:30 – 15:00	LUNCH TIME				
15:00 – 17:00	MEAS	MEAS	MEAS	MEAS	MEAS
17:30 – 19:30	MEAS (Pract)	MEAS (Pract)	MEAS (Pract)	MEAS (Pract)	MEAS (Pract)

WEEK 15-19 JANUARY

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00 – 11:00	SAMS	SAMS	SAMS(Pract)	SAMS(Pract)	SAMS(Pract)
11:30 – 13:30	SAMS	SAMS	SAMS	SAMS	SAMS
13:30 – 15:00	LUNCH TIME				
15:00 – 17:00	TC	TC	TC	TC	TC
17:30 – 19:30	MQT I	MQT I	MQT I	MQT I	MQT I

WEEK 22-26 JANUARY

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00 – 11:00	PMQT	PMQT	PMQT	PMQT	PMQT
11:30 – 13:30	PMQT (Pract)	PMQT (Pract)	PMQT	PMQT (Pract)	PMQT (Pract)
13:30 – 15:00	LUNCH TIME				
15:00 – 16:30	MQT II	MQT II	MQT II	MQT II	MQT II
16:45 – 18:15	MQT II	MQT II	MQT II	MQT II	MQT II
18:30 – 20:00	MQT II (Pract)	MQT II (Pract)	MQT II (Pract)	MQT II (Pract)	MQT II (Pract)

WEEK 29 JANUARY TO 2 FEBRUARY

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
	HOLIDAY				

Master in Theoretical Chemistry and Computational Modelling **GROUP 271**

SECOND SEMESTER

Subjects

Code	Name	Acronym	Coordinator
32528	Theoretical chemistry methods II	MQT II	Víctor Rayón (UVA)
32529	Deepening in methods of theoretical chemistry	PMQT	Marcos Mandado (UVIGO)
30576	Dynamics of the chemical reactions	DRQ	Pablo Gamallo (UB)
31246	Excited states	EE	Javier Cerezo (UAM)
31248	Solids	S	Antonio Márquez (US)
32532	Lasers	LA	Alicia Palacios (UAM)
32533	Computational biochemistry	BC	Vicent Moliner (UJI)

COLOUR CODE:

Lectures	No colour
Lectures outside the Faculty (another Centre, another University)	
Computer Room	
Evaluation	
Doubs/Exercises resolution	

WEEK 05-09 FEBRUARY

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
10:00 – 11:00	MQT II	PMQT	MQT II	PMQT	
11:00 – 12:00					

WEEK 12-16 FEBRUARY

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
10:00 – 11:00	MQT II	PMQT	MQT II	PMQT	Sem. MQT I
11:00 – 12:00					
12:00 – 15:00					
15:00 – 16:00					Seminar SAMS

WEEK 19-23 FEBRUARY

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
10:00 – 11:00	MQT II	PMQT		PMQT	Deadline homework 1st week of the IC (Except MEAS)
11:00 – 12:00					

WEEK FEBRUARY 26 TO MARCH 02

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
10:00 – 11:00		PMQT			Seminar MQT II
11:00 – 12:00					Deadline homework IC – MEAS (PRACT)

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WEEK 04- 08 MARCH

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
15:00 – 16:00					Deadline homework 2nd week of the IC.
16:00 – 17:00					

WEEK 11-15 MARCH

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
15:00 – 16:00				EXAM MQT I	
16:00 – 17:00					

WEEK 18-22 MARCH

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
15:00 – 16:00		TENTATIVE HOLIDAY (Madrid city)			Deadline homework 3rd week of IC
16:00 – 17:00					

WEEK 25-29 MARCH

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
	HOLIDAYS (Easter Week)				

WEEK 01-05 APRIL

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
		EXAM PQMT			

**OPTATIVE SUBJECTS (subject to modifications at ZCAM node)
UNIVERSITY OF ZARAGOZA (ZCAM)**

Lasers

WEEK 08-12 APRIL

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00-11:00	Theo-1	Theo-2	Theo-3	Theo-5	Pract-7
11:30-13.30	Theo-1	Theo-2	Prac-3	Prac-5	Pract-8
15:00-17:00	Prac-1	Prac-2	Theo-4	Theo-6	
17:30-19:00	Prac-1	Prac-2	Prac-4	Prac-6	

Computational Biochemistry

WEEK 15-19 APRIL

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00-11:00	Theo-1	Theo-2	Theo-3	Theo-5	Pract-7
11:30-13.30	Theo-1	Theo-2	Prac-3	Prac-5	Pract-8
15:00-17:00	Prac-1	Prac-2	Theo-4	Theo-6	
17:30-19:00	Prac-1	Prac-2	Prac-4	Prac-6	

Master in Theoretical Chemistry and Computational Modelling **GROUP 271**

Dynamics of the Chemical Reactions

WEEK 22-26 APRIL

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00-11:00	Theo-1	Theo-2	Theo-3	Theo-5	Theo-7
11:30-13.30	Theo-1	Theo-2	Prac-3	Prac-5	Prac-7
15:00-17:00	Prac-1	Prac-2	Theo-4	Theo-6	Final test (13:30-14:30)
17:30-19:30	Prac-1	Prac-2	Prac-4	Prac-6	

WEEK APRIL 29 TO MAY 03

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
	Deadline homework Lasers		HOLIDAY (National)	HOLIDAY (Madrid City)	Deadline homework Biochemistry

UNIVERSITY OF ZARAGOZA (ZCAM)

Solid States

University of Zaragoza (ZCAM)

WEEK 6-10 MAY

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00-11:00	Theo-1	Theo-2	Theo-3	Theo-5	Pract-7
11:30-13.30	Theo-1	Theo-2	Prac-3	Prac-5	Pract-8
15:00-17:00	Prac-1	Prac-2	Theo-4	Theo-6	
17:30-19:00	Prac-1	Prac-2	Prac-4	Prac-6	

Excited States

WEEK 13-17 MAY

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00-11:00	Theo-1	Theo-2	Theo-3	Theo-5	Pract-7
11:30-13.30	Theo-1	Theo-2	Prac-3	Prac-5	Pract-8
15:00-17:00	Prac-1	Prac-2	Theo-4	Theo-6	
17:30-19:00	Prac-1	Prac-2	Prac-4	Prac-6	

WEEK 20-24 MAY

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
	Deadline homework Dynamics				Deadline homework Solid States

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WEEK 27-31 MAY

HORA	LUNES	MARTES	MIÉRCOLES	JUEVES	VIERNES
			Deadline homework Excited States		

Closing date of records June 06, 2024.

TFM evaluation deadline July 5, 2024.

WEEK 3-7 JULY

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00 – 13:00	TFM defense will take place this week. The date must be fixed yet.				

Closing date for TFM records: July 11, 2024.

SUPPLEMENTARY ASSESSMENT

WEEK 03-06 JUNE

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY

WEEK 10-14 JUNE

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
					Deadline to send retake exercises.

WEEK 17-21 JUNE

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY

WEEK 24-28 JUNE

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY

Closing date for records, July 3, 2024.

TFM evaluation deadline: September 17, 2024.

Closing date for TFM records: September 19, 2024.



2023 - 2024 (UB)

List of local subjects with UB professors

A) Compulsory subjects:

Transversal scientific and linguistic competence (CCLT) (1st semester)

- Stefan Bromley (ICREA/UB, **aula pendiente**, Fac. Chemistry)
- Konstantin Neyman (ICREA/UB)

Computational techniques and numerical calculations - Python (TC) (1st semester)

- Pere Alemany (UB, **aula pendiente**, Fac. Chemistry)

B) Optative subjects:

Linux and Linux management (LIN) 1st semester)

- Pablo Gamallo (UB, **aula pendiente**, Fac. Chemistry)
- Fermín Huarte (UB)

Laboratory of applied theoretical chemistry (LQTA) (1st semester)

- Angel Morales García (UB, **aula pendiente**, Fac. Chemistry)

The following timetable only shows the subjects given in UB rooms (Fac. Chemistry) by local professors

FIRST SEMESTER

WEEK 25-29 SEPTEMBER

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00 – 10:00	Holiday	LIN (UB)	TC-Python (UB)	LIN (UB)	
10:00 – 11:00					
11:00 – 12:00		CCLT (UB)	LQTA (UB)	CCLT (UB)	LQTA (UB)
12:00 – 13:00					
13:00 – 14:00					

WEEK 2- 6 OCTOBER

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00 – 10:00	TC-Python (UB)	LIN (UB)	TC-Python (UB)	LIN (UB)	
10:00 – 11:00					
11:00 – 12:00	LQTA (UB)	CCLT (UB)	LQTA (UB)	CCLT(UB)	LQTA (UB)
12:00 – 13:00					
13:00 – 14:00					

WEEK 9-13 OCTOBER

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00 – 10:00	TC-Python (UB)	LIN (UB)	TC-Python (UB)	Holiday	
10:00 – 11:00					
11:00 – 12:00	LQTA (UB)	CCLT (UB)	LQTA (UB)		
12:00 – 13:00					
13:00 – 14:00					

WEEK 16-20 OCTOBER

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00 – 10:00	TC-Python (UB)	LIN (UB)	TC-Python (UB)	LIN (UB)	
10:00 – 11:00					
11:00 – 12:00	LQTA (UB)	CCLT (UB)	LQTA (UB)	CCLT(UB)	LQTA (UB)
12:00 – 13:00					
13:00 – 14:00					

WEEK 23-27 OCTOBER

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00 – 10:00	TC-Python (UB)	LIN (UB)	TC-Python (UB)	LIN (UB)	
10:00 – 11:00					
11:00 – 12:00	LQTA (UB)	CCLT (UB)	LQTA (UB)	CCLT(UB)	LQTA (UB)
12:00 – 13:00					
13:00 – 14:00					

WEEK 30 OCTOBER - 3 NOVEMBER

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00 – 10:00	TC-Python (UB)	LIN (UB)	HOLIDAY	LIN (UB)	
10:00 – 11:00					
11:00 – 12:00	LQTA (UB)	CCLT (UB)		CCLT(UB)	LQTA (UB)
12:00 –13:00					
13:00 – 14:00					

WEEK 6-10 NOVEMBER

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00 – 10:00		LIN (UB)		LIN (UB)	
10:00 – 11:00					
11:00 – 12:00	LQTA (UB)	CCLT (UB)	LQTA (UB)	CCLT(UB)	
12:00 –13:00					
13:00 – 14:00					

WEEK 13-17 NOVEMBER

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00 – 10:00		LIN (UB)		LIN (UB)	
10:00 – 11:00					
11:00 – 12:00		CCLT (UB)		CCLT(UB)	
12:00 –13:00					
13:00 – 14:00					

WEEK 20-24 NOVEMBER

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00 – 10:00		LIN (UB)		LIN (UB)	
10:00 – 11:00					
11:00 – 12:00		CCLT (UB)		CCLT(UB)	
12:00 –13:00					
13:00 – 14:00					