

MASTER IN THEORETICAL CHEMISTRY AND COMPUTATIONAL MODELING
Schedule 2018 - 2019

Intensive Course/ 1 week courses	
Classes at CCCUAM (Zero Course and LQTA)	
Evaluation	
Homework Deadline	
Holiday	

LECTURE ROOM: 01.13.SS.500

SUBJECTS:

<u>Code</u>	<u>Subject</u>	<u>Acronym</u>	<u>Coordinator</u>
32523	Mathematical foundations of quantum mechanics	FMMC	Jesús González (UAM)
32524	Statistical mechanics and applications on simulations	MEAS	Elena Martín (UNEX)
32525	Symmetry in atoms, molecules and solids	SAMS	Pablo García (UNICAN)
32526	Computational techniques and numerical calculations	TC	Jon Mujika (EHU)
32527	Theoretical chemistry methods I	MQT I	Alfredo Sánchez (UV)
32528	Theoretical chemistry methods II	MQT II	Vicent Moliner (UJI)
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	Jesús González (UAM)
31248	Solids	S	Antonio Márquez (US)
32530	Linux and Linux system managing	LIN	Alberto Luna (UAM)
32531	Applied theoretical chemistry laboratory	LQTA	Ana Martín (UAM)
32532	Lasers	LA	Fernando Martín (UAM)
32533	Computational biochemistry	BC	Jaime Rubio (UB)

FIRST SEMESTER

WEEK FROM SEPTEMBER 24 TO 28

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00 – 14:00	LIN	LIN	LIN	LIN	LIN
15:00 – 19:00	TC	TC	TC	TC	TC

WEEK FROM OCTOBER 1 TO 5

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00 – 14:00	LIN	LIN	LIN		
10:00 – 13:00				LQTA	LQTA
11:30-13:30	Inauguration of Masters in Sciences*				
15:00 – 18:00	LQTA	LQTA	LQTA	LQTA	

*conference of the Science Faculty UAM

MASTER IN THEORETICAL CHEMISTRY AND COMPUTATIONAL MODELING

WEEK FROM OCTOBER 8 TO 12

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
10:00 – 13:00	LQTA	LQTA	LQTA	LQTA	Holiday
15:00 – 17:00				FMMC	
15:00 – 18:00	LQTA	LQTA			

WEEK FROM OCTOBER 15 TO 19

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
14:00 – 16:00	SAMS		SAMS		
15:00 – 17:00		FMMC		FMMC	
16:00 – 18:00	MEAS		MEAS		

WEEK FROM OCTOBER 22 TO 26

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
14:00 – 16:00	SAMS		SAMS		
15:00 – 17:00		FMMC		FMMC	
16:00 – 18:00	MEAS		MEAS		

WEEK FROM OCTOBER 29 TO NOVEMBER 2

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
14:00 – 16:00	SAMS		SAMS	HOLIDAY	
15:00 – 17:00		Sem. FMMC			
16:00 – 18:00	MEAS		MEAS		

WEEK FROM NOVEMBER 5 TO 9

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY*
14:00 – 16:00	SAMS				HOLIDAY
15:00 – 17:00		Sem. FMMC		Sem. FMMC	

* November 9th holiday in Madrid

WEEK FROM NOVEMBER 12 TO 16

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
15:00 – 17:00		FMMC		FMMC	HOLIDAY
16:00 – 18:00	MQT I		MQT I		

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WEEK FROM NOVEMBER 19 TO 23

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
15:00 – 17:00		FMMC		FMMC	
16:00 – 18:00	MQT I		MQT I		

WEEK FROM NOVEMBER 26 TO 30

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
14:00 – 16:00	TC		TC		Deadline Homework Linux UAM
15:00 – 17:00		FMMC		FMMC	
16:00 – 18:00	MQT I		MQT I		

WEEK FROM DECEMBER 3 TO 7

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
15:00 – 17:00		FMMC		HOLIDAY	Deadline Homework TC – Fortran
16:00 – 18:00	MQT I		MQT I		

WEEK FROM DECEMBER 10 TO 14

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
14:00 – 16:00	TC		TC		Deadline Homework LQTA UAM
15:00 – 17:00		FMMC			

WEEK FROM DECEMBER 17 TO 21

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY

WEEK DECEMBER 24 TO JANUARY 4

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
	Holidays: Christmas				

WEEK FROM JANUARY 7 TO 12

TIME TABLE	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
	HOLIDAY				

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Intensive course – 2019

WEEK FROM JANUARY 14 TO 18

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	TC	TC	TC	TC	TC
17:30 – 19:30	MEAS	MEAS	MEAS	MEAS	MEAS

WEEK FROM JANUARY 21 TO 25

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

 * January 25th non-school at UAM (St Thomas's day)

WEEK FROM JANUARY 28 TO FEBRUARY 1

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00 – 11:00	PMQT	PMQT	PMQT	PMQT	PMQT
11:30 – 13:30	SAMS	SAMS	SAMS-Pract	SAMS-Pract	SAMS-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 FROM FEBRUARY 4 TO 8

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY

WEEK FROM FEBRUARY 11 TO 15

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
10:00 – 12:00	MQTII	PMQT	MQTII	PMQT	

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WEEK FROM FEBRUARY 18 TO 22

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
10:00 – 12:00	MQTII	PMQT	MQTII	PMQT	

WEEK FROM FEBRUARY 25 TO MARCH 1

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
10:00 – 12:00	MQTII	PMQT		PMQT	

WEEK FROM MARCH 4 TO 8

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

WEEK FROM MARCH 11 TO 15

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
					Deadline Homework 1st WEEK IC

Dynamics of the Chemical Reactions

WEEK FROM MARCH 18 TO 22

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00 – 11:00	DRQ	DRQ	DRQ	DRQ	DRQ
11:30 – 13:30	DRQ	DRQ	DRQ	DRQ	DRQ
15:00 – 17:00	DRQ	DRQ	DRQ	DRQ	DRQ
17:30 – 19:30	DRQ	DRQ	DRQ	DRQ	DRQ

Excited States

WEEK FROM MARCH 25 TO 29

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00 – 11:00	EE	EE	EE	EE	EE
11:30 – 13:30	EE	EE	EE	EE	EE
15:00 – 17:00	EE	EE	EE	EE	EE
17:30 – 19:30	EE	EE	EE	EE	EE

MASTER IN THEORETICAL CHEMISTRY AND COMPUTATIONAL MODELING

Lasers

WEEK FROM APRIL 1 TO 5

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00 – 11:00	LA	LA	LA	LA	LA
11:30 – 13:30	LA	LA	LA	LA	LA
15:00 – 17:00	LA	LA	LA	LA	LA
17:30 – 19:30	LA	LA	LA	LA	LA

WEEK FROM APRIL 8 TO 12

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
				Deadline Homework 2nd WEEK IC	Exam FMMC (second part)

WEEK FROM APRIL 15 TO 19

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
	Holidays: Eastern				

WEEK FROM APRIL 22 TO 26

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
	HOLIDAY				Deadline Homework DRQ, EE and LA

WEEK FROM APRIL 29 TO MAY 3

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
			HOLIDAY	HOLIDAY	Deadline Homework 3rd WEEK IC

MASTER IN THEORETICAL CHEMISTRY AND COMPUTATIONAL MODELING

Computational Biochemistry

WEEK FROM MAY 6 TO 10

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00 – 11:00	BC	BC	BC	BC	BC
11:30 – 13:30	BC	BC	BC	BC	BC
15:00 – 17:00	BC	BC	BC	BC	BC
17:30 – 19:30	BC	BC	BC	BC	BC

Solid State

WEEK FROM MAY 13 TO 17

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00 – 11:00	S	S	S	S	S
11:30 – 13:30	S	S	S	S	S
15:00 – 17:00	S	S	S	S	S
17:30 – 19:30	S	S	S	S	S

WEEK FROM MAY 20 TO 24

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Deadline homework for electives courses				Deadline homework BC	Exam MQTII

WEEK FROM MAY 27 TO 31

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
				Deadline homework S	

Deadline for final marks submission: June 5th, 2019
Special Assessment
Deadline for final marks submission: July 5th, 2019

MASTER IN THEORETICAL CHEMISTRY AND COMPUTATIONAL MODELING

Deadlines for homework and exam

The following deadlines are tentative. The final dates will be given by professor(s) of the subject.

Mathematical foundations of quantum mechanics (FMFC)

Deadline for Homework (the whole subject): 15 MARCH

Exam of the second part: 12 APRIL

Statistical mechanics and applications on simulations (MEAS)

Deadline for Homework – UNEX: 15 MARCH

Deadline for Homework - Applications in simulations: 11 APRIL

Symmetry in atoms, molecules and solids (SAMS)

Deadline for Homework – First part: 11 APRIL

Deadline for Homework – Second part: 3 MAY

Computational techniques and numerical calculations (TC)

Deadline for Homework – First part (FORTRAN): 7 DECEMBER

Deadline for Homework - Second part (Numerical Calculations): 15 MARCH

Theoretical chemistry methods I (MQT I)

Deadline for Homework - First part: 15 MARCH

Deadline for Homework - Second part: 11 APRIL

Theoretical chemistry methods II (MQT II)

Deadline for Homework: 3 MAY

Exam: 24 MAY

Electives Courses***Deepening of methods of theoretical chemistry (PMQT)***

Deadline for Homework: 3 MAY

Dynamics of the chemical reactions (DRQ)

Deadline for Homework: 26 APRIL

Excited states (EE)

Deadline for Homework: 26 APRIL

Test at the end of the ZCAM week

Solids (S)

Deadline for Homework: 30 MAY

Test at the end of the ZCAM week

Linux and Linux system managing (LIN)

Deadline for Homework: 30 NOVEMBER

Applied theoretical chemistry laboratory (LQTA)

Deadline for Homework (UAM): 14 DECEMBER

Lasers (LA)

Deadline for Homework: 26 APRIL

Computational biochemistry (BC)

Deadline for Homework: 23 MAY

Test at the end of the ZCAM week

MASTER IN THEORETICAL CHEMISTRY AND COMPUTATIONAL MODELING

Professors involved		
Subject	Professor	e-mail address
Mathematical foundations of quantum mechanics	Jesús González	jesus.gonzalezv@uam.es
	Fernando Martín	fernando.martin@uam.es
Statistical mechanics and applications on simulations	Elena Martín	memartin@unex.es
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	José Carlos Corchado	corchado@unex.es
Symmetry in atoms, molecules and solids	Pablo García	garciapa@unican.es
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Computational techniques and numerical calculations	Jon Mujika	ioni.mujika@ehu.es
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Theoretical chemistry methods I	Alfredo Sánchez	alfredo.sanchez@uv.es
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Theoretical chemistry methods II	Vicent Moliner	moliner@uji.es
	Iñaki Tuñón	ignacio.tunon@uv.es
Deepening in methods of theoretical chemistry	Marcos Mandado	mandado@uvigo.es
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Dynamics of the chemical reactions	Pablo Gamallo	gamallo@ub.edu
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	Emilio Martínez	emilio.nunez@usc.es
Excited states	Jesús González	jesus.gonzalezv@uam.es
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Solids	Antonio Márquez	marquez@us.es
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Linux and Linux system managing- UAM	Alberto Luna	alberto.luna@uam.es
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Applied theoretical chemistry laboratory	Ana Martín Sómer	ana.somer@uam.es
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