

# GUIDE – 1st academic year of the Master - M1

All subjects are given for the full year.

## Compulsory

<b>FMMC:</b>	Part I – on-line ( <i>in person at UAM -Sept-Dic</i> ) + Part II – Intensive Course
<b>MEAS:</b>	Part I – on-line + Part II – Intensive Course
<b>SAMS:</b>	Part I – on-line ( <i>in person at UAM -Sept-Dic</i> ) + Part II – Intensive Course
<b>TC:</b>	Part I -fortran <b><u>Local-online*</u></b> + Part II 8h ( <i>on-line</i> ) +Part III 10h Intensive Course
<b>MQT I:</b>	Part I – on-line ( <i>Sept-Dic</i> ) + Part II – Intensive Course
<b>MQT II:</b>	Part I – Intensive Course + Part II – ( <i>on-line</i> Feb.)
<b>CCLT:</b>	<b><u>Local-online*</u></b>

## Elective

<b>PMQT:</b>	Part I – on-line ( <i>Dic. + Feb.</i> ), Part II – Intensive course
<b>LIN:</b>	<b><u>Local-online*</u></b>
<b>LQTA:</b>	<b><u>Local-online*</u></b>
<b>Lasers:</b>	At ZCAM (more info on the specific subject can be found at <a href="http://emtccm.org">emtccm.org</a> )
<b>Excited states:</b>	At ZCAM (more info on the specific subject can be found at <a href="http://emtccm.org">emtccm.org</a> )
<b>Dynamics of CR:</b>	At ZCAM (more info on the specific subject can be found at <a href="http://emtccm.org">emtccm.org</a> )
<b>Computational Bio.:</b>	At ZCAM (more info on the specific subject can be found at <a href="http://emtccm.org">emtccm.org</a> )
<b>Solid state:</b>	At ZCAM (more info on the specific subject can be found at <a href="http://emtccm.org">emtccm.org</a> )

## Brief description of the different subjects/courses:

\* **“Local-online” subjects: IMPORTANT: It depends on the institution.**

**TC part I:** - In-person at UAM, UB, UV, Vigo and UPV/EHU.

**LIN:** - In-person at UAM, UB, UV, Vigo, UPV/EHU y USAL.

**CCLT:** - In-person at UAM, UB, UV y Vigo.

**LQTA:** - In-person at ALL institutions, except Oviedo, Murcia, Valladolid and UPV/EHU (students registered at these last four institutions can join on-line classes from UAM).

\*\* ALL subjects, **TC, LIN, CCLT y LQTA** are provided at UAM in hybrid format: in-person at UAM and broadcasted to those institutions where the specific subject is not offered locally.

\***Intensive courses** (General Intensive Course + **ZCAM elective subjects**):

Intensive course 2022-23: Univ. Cantabria, January, 9-27 2023. During these weeks, the subjects FMMC, MQTI, MEAS, SAMS, TC, PMQT, MQTII are delivered in-person for the whole group (all students from the 14<sup>th</sup> institutions in Spain will join together).

**ZCAM elective subjects:** They are delivered in an intensive course, each subject is distributed in a single week. Dates can be modified with respect to the timetable (dates for elective courses are only preliminary in the timetable; dates will be fixed at the beginning of 2023). ZCAM subjects require registration in the ZCAM platform (each subject coordinator will send the information for registration by e-mail along 2023).

\* In exceptional circumstances (e.g., covid): classes may be offered in hybrid format, but only in exceptional circumstances and only upon the university consortium guidelines and notifications. In normal circumstances, courses are offered in-person as above described.

## GENERAL INFORMATION

### ***TUITION FEES AND Travel/Accommodation EXPENSES for intensive courses:***

Please, check this information with the local coordinator at your institution. Specific guidelines may apply to each institution (e.g., a maximum of two elective subjects can be chosen at ZCAM, while the rest should be taken in elective subjects offered at your own institution). Tuition and registration deadlines must be also checked at your own institution. Note that after having registered, there is an extended deadline to modify your registration – for instance, to choose different elective courses – this deadline can be as late as October and even December (check the deadlines at your own institution).

Travel/Accommodation expenses for the intensive courses must be covered by the students. Nevertheless, there are different Grants for Master Students that may cover part of these expenses (open calls for this type of Grants are announced in the Master website or by e-mail). Moreover, in the last academic years, the consortium has covered a significant part of travel/accommodation expenses for ALL students. Unfortunately, it is not possible to confirm in advance whether this funding (and how much) will be available each year. Therefore, please, take into account that the students may have to cover their own expenses in full for any travel/accommodation expenses associated to the intensive courses (from 3 to 5 in M1).

Do not hesitate to contact the Master coordinator at your own institution to obtain more information about Grants, funding, or travel/accommodation expenses.

### ***GUEST STUDENT in a specific subject – “AULA ABIERTA”***

There is a possibility to get registered in a specific subject of our Master, and getting the corresponding attendance certificate to the course and evaluation, without the need of registering yourself as a student for the whole Master studies. Please check “*Aula Abierta*” options at your institution.

### ***COMMITMENT***

The Master on Theoretical Chemistry and Computational modeling requires full-time commitment. As described above, classes are mandatorily in-person, being delivered in your own institution or in the Intensive Courses where all students from the consortium jointly attend.

Las fechas de entrega y exámenes siguen la normativa académica y, por tanto, sólo son modificables bajo justificación expresa y siempre sujetos al cumplimiento de la normativa.

### ***ACADEMIC GUIDELINES***

The academic calendar, timetables, registration deadlines, evaluation dates, etc... are available in the website of your own institution, and/or in the Master website: [www.emtccm.org](http://www.emtccm.org) and in the Post-graduate Center at UAM: [Centro de Estudios de Posgrado de la UAM](#), in the tab marked as “*Calendarios académicos*”.

All the information about the Academic aspects of the Master (syllabus, contents, description of each subject, etc) can also be found at [Master Universitario en Química Teórica y Modelización Computacional web del Centro de estudios de posgrado la UAM](#).

***SYLLABUS and TIMETABLES:***

Timetables: Preliminary timetables (approved on March 2022) can be found in the website of your own institution. **The most up-to-date timetables will always be available at [www.emtccm.org](http://www.emtccm.org)**

Syllabus: Available in the website of your own institution or at [www.emtccm.org](http://www.emtccm.org). For elective courses at ZCAM, you have separate .pdf files available at [www.emtccm.org](http://www.emtccm.org), with a brief presentation that contains detailed information on the subject (contents and professors).

***EVALUATION ACTIVITIES***

Guidelines and academic policy regarding evaluation activities are available in the website of each institution. For UAM, as coordinator institution, you can find all this information at <https://transparencia.uam.es/normativa/normativa-propia/>

Deadlines for the evaluation activities (exams and home-works) are indicated in the timetable and work plan, except “minor” activities, i.e. those activities whose weight in the final marks is below 15%. In case any unexpected circumstances occur that forces us to alter the deadlines for these activities, the lecturers and/or subject coordinators will inform you all well in advance.

Exams are taken IN-PERSON in each institution. The coordinator of your institution as well as the students will receive the announcement (hour/place) for the exam in advance.

Not handing a home-work on-time or missing an exam implies a “failing grade” in those subjects delivered in an Intensive Course or in any subject where a minimum of 20% of the evaluation activities have been completed.

***FLUENT COMMUNICATION***

Please, keep your coordinator informed in case you cannot attend a class due to health issues or any other causes.

In case you have any question regarding a specific subject, please, contact the subject coordinator (the subject coordinators – names and contact – can be found in the timetables).

**ELECTED REPRESENTATIVE** of students: Every promotion will have a representative or spoke person. Students will democratically elect a representative (usually one first and a second spoke person). The spoke person will take care of communicating to the subject coordinators or coordinator of the master in each institution any issues affecting the group. These representatives will address the subject coordinator (when any issue arises associated to a specific subject) and/or the general coordinator for general issues.