Introduction for External Master Students

Technical University of Munich
Chemistry Department
Student Council
October 8th 2019, Garching
Content

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- Research Laboratory Courses
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(Slides will be published at myfachschaft.de afterwards, no need to note down details)
Course Overview

- Master's Thesis
  - Wahlfächer aus den Studien schwerpunkten oder Lehrveranstaltungen mit fortgeschrittenen chemischen Sachinhalten oder Auslandsemester mindestens 3 ECTS und maximal 8 ECTS aus Lehrveranstaltungen mit allgemeinbildenden Lehrinhalten
  - Erster Studien schwerpunkt mit einer Wahl 1 aus 4
    - Anorganische Chemie
    - Organische Chemie
    - Physikalische Chemie
    - Technische Chemie
  - XX 40 ECTS
- Zweiter Studien schwerpunkt mit einer Wahl 1 aus 13
  - Analytische Chemie / Anorganische Chemie / Bauchemie / Biologische Chemie / Chemie der Makromoleküle, Kolloide, Grenzflächen / Katalyse / Lebensmittelchemie / Materialchemie / Organische Chemie / Pharmazeutische Radiochemie / Physikalische Chemie / Technische Chemie / Theoretische Chemie
  - XX 30 ECTS

Student Council | Introduction for External Master Students
<table>
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<th>First major Subjects:</th>
<th>Second Major Subjects:</th>
<th>Optional Subjects:</th>
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<tr>
<td>- Inorganic and Organometallic Chemistry</td>
<td>- Analytical Chemistry</td>
<td>- Remaining modules from major subjects</td>
</tr>
<tr>
<td>- Organic Chemistry</td>
<td>- Inorganic and Organometallic Chemistry</td>
<td>- Modules of ALL subjects which aren’t included in major subjects</td>
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<tr>
<td>- Physical Chemistry</td>
<td>- Construction Chemistry</td>
<td>- Sometimes also modules from other departments</td>
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<tr>
<td>- Technical Chemistry</td>
<td>- Biological Chemistry</td>
<td>- 3 – 8 (and indeed exactly) ECTS from extracurricular topics (everything that’s not chemistry related)</td>
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Optional Subjects:
- Remaining modules from major subjects
- Modules of ALL subjects which aren’t included in major subjects
- Sometimes also modules from other departments
- 3 – 8 (and indeed exactly) ECTS from extracurricular topics (everything that’s not chemistry related)
Course Overview

Several possibilities in choices of subjects

Additionally choice of courses within subjects possible

→ Individual design of studies
Course Overview

Course overview located at: [http://www.ch.tum.de/infopaketlehre/](http://www.ch.tum.de/infopaketlehre/) (only courses at the Chemistry Department), alternatively at [www.campus.tum.de](http://www.campus.tum.de) (especially for elective modules from other departments and extracurricular courses)

First major and Second major must not be the same!
Course Overview

Registration possible at TUMonline (www.campus.tum.de), mostly needed to join the mailing list and to access the online-material (www.moodle.tum.de)

Day and time of lectures can be found at TUMonline or on the website of the chair that is in charge.

Unfortunately, different modules may often overlap in time, even if they belong to the same subject!

No compulsory attendance (there are exceptions, though).

Registration for exams in TUMonline starts in the last third of the semester, is mostly mandatory and has to be done until approximately one week before examination. (Exceptions for latecomers are possible)
Research Laboratory Courses

Depending on choice of subjects 1 – 4 mandatory research laboratory courses directly at the chairs

The amount of time for the practical work and the report may differ.

Different rules for choosing and registering a research laboratory course, depending on chair and topic.

Available topics sometimes announced on websites/bulletin boards, if not, contact the professor, or, even better, talk to the PhD students.

Industrial internships possible, but a lot of buerocratic effort. Contact persons in the department are a huge help.
Semester Abroad

Easy to integrate in the Master program; ca. half of the student body chooses to do a semester abroad.

Acknowledgement of modules from partner universities unfortunately kind of difficult, especially in First/Second Major (research laboratory courses possible after prior agreement), often easier as optional subjects.

Two main paths: TUMexchange (non-European countries) and Erasmus+ (Europe), organization via „International Center“

Further information at www.international.tum.de
Semester Abroad (in europe)

Erasmus+ program

ErasmusDays
**When:** October 10th to 12th 2019
**Where:** Multiple locations; check the homepage: [https://www.erasmusdays.eu/](https://www.erasmusdays.eu/)

TUM students can apply for a semester abroad (academic year 2020/21) from December 1st 2019 to January 9th 2019
Semester Abroad (out of europe)

TUMexchange:

**TUMexchange Information event**
*When:* October 14th 2019 12:15 am (english), October 16th 2019 11:45 am (german)
*Where:* Arcisstr. 21, room 2300 (english) / room 1180 (german)

TUM students can apply for a semester abroad (academic year 2020/21) from October 21th 2019 (10 am) to November 4th (10 am)
Further University Programs

Zentraler Hochschul-Sport München (ZHS):
Sportive activity programs for students
https://www.zhs-muenchen.de/startseite/

Carl-von-Linde Academy:
Soft skill qualification courses
www.cvl-a.mcts.tum.de/

TUM language center:
Language courses
https://www.sprachenzentrum.tum.de/en/homepage/
Further University Programs

Several more:
UnternehmerTUM, Jungchemikerforum, etc.
And of course, the Student Council

**What do we do?**
- Organization of the introductional days
- Events (yes, also Parties!!!)
- University politics
- Improvement of Teaching
- Lab coats
- Help students with all kinds of problems
- *and much more ;)*

16th October 2019: Freshmen BBQ („Ersti-Grillen“)
23rd October 2019: Student Council Get-Together („Kennenlernabend“)
Approaching Events

October 10th
Pub-Crawl

October 14th
Official start of the lecture period and Immatriculation Festival

October 16th
Freshmen-BBQ

October 24th
Student Council Get-Together

October 24th
Meine erste Uni-Party „MeUP“ (My first university party)
Contact Persons & Important Positions

Dean:
Prof. Dr. rer. nat. Stephan Sieber

Academic Dean:
Prof. Dr. Fritz E. Kühn

Examination Board Chemistry:
Chairman:
Prof. Dr. H. Gasteiger
Secretary M. Sc.:
apl. Prof. Dr. W. Eisenreich
Contact Persons & Important Positions

Departmental Student Adviser:
PD Dr. Gerd Gemmecker

Study Office Chemistry:
Direction:
PD Dr. Eric Fontain
Contact Person:
Gertraud Geisberger
Any more questions?