Orientation Course

Master Program Chemistry

Winter Semester 2022/23
Welcome!
What is a Module?

- Lecture + seminar = module, or an internship = module
- You must choose your modules on your own, no given timetable!

credit points in CM
Structure of Master

- Master thesis: 30 cp
- Specialization modules
- Core Elective Modules
- Research projects
- Elective modules

Total: 120 cp
Core Elective Modules

- **Organic Chemistry**: 10 cp
- **Inorganic Chemistry**: 10 cp
- **“Crossover“**: 5 cp
- **Physical and Theoretical Chemistry**: 10 cp

Total: 35 cp
# Core Elective Modules

<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>▪ Radiochemistry Basics [5 cp]</td>
<td>▪ Physical-organic Chemistry (PhOC1) [5 cp]</td>
<td>▪ Statistical Thermodynamics [5 cp]</td>
</tr>
<tr>
<td>▪ Organometallics [5 cp]</td>
<td>▪ Advanced Bioorganic Chemistry (BioOC2) [5 cp]</td>
<td>▪ Solids and Interfaces [5 cp]</td>
</tr>
</tbody>
</table>
Core Elective Modules

„Crossover“
non graded!
[5 cp]

▪ Scientific Lectures and Presentations in Chemistry [5 cp]
  ▪ Attend 14 scientific presentations
  ▪ Give two presentations yourself

OR

▪ Teaching Chemistry [5 cp]
  ▪ Lead an assigned tutorial group (be a tutor)
  ▪ Conduct an evaluation about your tutorial
Structure of Master

120 cp

Master thesis
30 cp

Core Elective Modules
35 cp

Specialization modules

Research projects

Elective modules
## Specialization Modules

<table>
<thead>
<tr>
<th>10 - 20 cp</th>
</tr>
</thead>
<tbody>
<tr>
<td>▪ unassigned core elective modules</td>
</tr>
<tr>
<td>▪ Inorganic chemistry</td>
</tr>
<tr>
<td>▪ Organic chemistry</td>
</tr>
<tr>
<td>▪ Physical chemistry</td>
</tr>
<tr>
<td>▪ Theoretical chemistry</td>
</tr>
<tr>
<td>▪ Analytical chemistry</td>
</tr>
<tr>
<td>▪ Macromolecular chemistry</td>
</tr>
<tr>
<td>▪ Environmental chemistry</td>
</tr>
<tr>
<td>▪ Biochemistry</td>
</tr>
</tbody>
</table>
Structure of Master

Master thesis
30 cp

Specialization modules
10-20 cp

Core Elective Modules
35 cp

Research projects

Elective modules

120 cp
Elective Modules

- **Max. 15 cp**, but not necessary to get 15 cp in this area
- These 15 cp *can* be completely non graded.
- unassigned core elective modules, Specialization modules → graded!

### Modern Aspects of Chemistry

<table>
<thead>
<tr>
<th>2* 2,5 cp = 5 cp</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assembled from two 2,5 cp courses</td>
</tr>
<tr>
<td>You can attend up to 3x5cp</td>
</tr>
<tr>
<td>First part of the module has the name „Modern Aspects of Chemistry“ -&gt; do it first</td>
</tr>
<tr>
<td>Name of second part: „Wahlmodul (ohne Modulprüfung)“</td>
</tr>
<tr>
<td>You will only get credits, if you complete both parts of the module!</td>
</tr>
</tbody>
</table>
## Elective Modules

<table>
<thead>
<tr>
<th>Other Modules:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>▪ Bioinformatics</td>
<td>▪ business administration</td>
</tr>
<tr>
<td>▪ Biology</td>
<td>▪ Journalism and Communication</td>
</tr>
<tr>
<td>▪ Physics</td>
<td>▪ Toxicology</td>
</tr>
<tr>
<td>▪ Chemistry information and literature searching</td>
<td>▪ Environmental Technologies</td>
</tr>
<tr>
<td>▪ Languages courses</td>
<td>▪ Mathematic</td>
</tr>
<tr>
<td>▪ Gender and Diversity</td>
<td>▪ Chemicals Legislation and Patent Law</td>
</tr>
<tr>
<td>▪ Informatic and computer courses</td>
<td>▪ Ethical and Social Aspects of the Natural Sciences</td>
</tr>
</tbody>
</table>

If you’d like to do other modules, send an E-Mail to pruefungsbuero@chemie.fu-berlin.de
Structure of Master

- **Master thesis**: 30 cp
- **Specialization modules**: 10-20 cp
- **Core Elective Modules**: 35 cp
- **Research projects**
- **Elective modules**: max 15 cp

Total: 120 cp
**Research projects**

- **20 – 30 cp**
  - At least in two different workgroups
  - At least **15 cp** on the subjects IC, OC, PC or TC

**Different modules:**
- 5 cp (Four weeks)
- 10 cp (Eight weeks)
- 15 cp (Twelve weeks)  
  - Full time!

Not necessary to do it on this institute!

Please submit your requests for projects in other institutes to the examination board!
Structure of Master

Master thesis
30 cp

Specialization modules
10-20 cp

Core Elective Modules
35 cp

Research projects
20-30 cp

Elective modules
max 15 cp

120 cp
Structure of Master

Master thesis 30 cp

Core Elective Modules 35 cp
- Inorganic Chemistry 10 cp
- Organic Chemistry 10 cp
- Physical and Theoretical Chemistry 10 cp
- “Crossover” 5 cp

Specialization modules 10 - 20 cp
unassigned core elective modules or
Inorganic-, Organic-, Physical-, Theoretical-, Analytical-, Macromolecular-, Environmental-, Biochemistry

Research projects 20 - 30 cp

Elective modules 15 cp
unassigned core elective- or specialization modules or
Languages, “Modern Aspects of Chemistry”, and much more basically, everything you want
## Structure of Master

<table>
<thead>
<tr>
<th>Semester</th>
<th>Inorganic Chemistry</th>
<th>Organic Chemistry</th>
<th>Physical and Theoretical Chemistry</th>
<th>Cross-thematic</th>
<th>Research projects</th>
<th>Specialization modules</th>
<th>Elective Modul</th>
<th>Master thesis</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Core Elective Modul 1 Inorg. Chem. 5 cp</td>
<td>Core Elective Modul 1 Org. Chem. 5 cp</td>
<td>Core Elective Modul 1 Phys. &amp; Theor. Chem. 5 cp</td>
<td></td>
<td>Research internships 1 (also possible in the lecture-free time) 15 cp</td>
<td>Specialization modules 1 5 cp</td>
<td>Elective Modul 1 5 cp</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Core Elective Modul 2 Inorg. Chem. 5 cp</td>
<td>Core Elective Modul 2 Phys. &amp; Theor. Chem. 5 cp</td>
<td></td>
<td></td>
<td>Research internships 2 (also possible in the lecture-free time) 15 cp</td>
<td>Specialization modules 2 5 cp</td>
<td>Elective Modul 2 5 cp</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Core Elective Modul 2 Org. Chem. 5 cp</td>
<td></td>
<td>Cross-thematic Modul 1 5 cp</td>
<td></td>
<td></td>
<td>Specialization modules 3 5 cp</td>
<td>Elective Modul 3 5 cp</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Master thesis 30 cp</td>
<td></td>
</tr>
</tbody>
</table>

| Total cp | 120 cp | 10 cp | 10 cp | 10 cp | 5 cp | 30 cp | 10 cp | 15 cp | 30 cp |

Orientation Course Chemie
Sign on/off and Repeating of an exam

**Sign on:**
- Sign on in CM = Signin on for the exam
- Oral exam = registration by email to the professor
- Due to Corona some signing on also for written exams can be possible
- Depending on the professor

**Sign off:**
- No mandatory exams
- Please write an E-Mail to the professor

**Repeating an exam:**
- two attempts per semester
- 4 attempts, afterwards irreversibly failed

**Grade improvement:**
- Only within the same semester and only on the second attempt overall
Signing on and off

Signing on and off to courses is possible until the “third Friday after start of the lectures.“

06.11.2022 at 12 pm
Where to find what…

Course catalog and Campus Management

Finding modules for the semester and
Sign in and off for modules

Course catalog:

Campus Management:
https://www.ecampus.fu-berlin.de/
Where to find what…

Blackboard

Course material from the professor and tutors

https://lms.fu-berlin.de
Where to find what…

Primo – The Book Searching Portal


VPN:

Downloadlink of the VPN-Client: https://www.zedat.fu-berlin.de/VPN
ZEDAT: Mails and important programs

Orientation Course Chemie
Study advisory

Student Study advisory:

Contact: studienberatung@chemie.fu-berlin.de
Where: Takustr. 3, Raum 14.07
Please mention your Study Program (Bachelor, Master, Lehramt, etc.) in the subject line!

Examinations Office:
- Contact for problems with data entries like participation, marks and credits in "Campus Management"
- Management of course achievements, research internships and master thesis
Contact: pruefungsbuero@chemie.fu-berlin.de
Where: Arnimallee 22, Raum A.027
Student association in Chemistry (FSI)

What are we doing?
- Committee work
- OE und Events
- Beer drinking
- And lots of different stuff

You like beer and want to meet us?
- Of course 😊 our meetings are every second week in Room 14.07 at Takustr. 3
- Contact us via mail studienberatung@chemie.fu-berlin.de or at Insta

QR-Code Website
QR-Code Insta

@fu_fsi_chemie
Further support

Examining Board:
- Study- and examination regulations
  Representative: Prof. Eckart Rühl
  Contact: ruehl@zedat.fu-berlin.de
  Contact time: http://ruehl.userpage.fu-berlin.de/sprech.htm

Office of Academic Affairs and Study Advisory:
- Advice for progress of study and in special cases
- Scheduling of courses (Course catalogue)
- Registration and deregistration of courses in the "Campus Management"
- Quality management for studies and teaching
  Contact: studienbuero@chemie.fu-berlin.de

Student-Service-Center (SSC):
- General and psychological support as well as workshops
  Contact: info-service@fu-berlin.de
Further support

Women’s representative and gender equality officer:
• Support regarding equality, discrimination and child & studies
Contact: bcpfrau@zedat.fu-berlin.de

Mentoring:
• Support for the first semester students and foreign students
• Consultation for master thesis
Contact: mentoring-bcp@fu-berlin.de

Erasmus-representative:
• Coordination of the Erasmus-program at BCP
• Subject specific consultation to Erasmus
Contact: erasmus@bcp.fu-berlin.de
AStA

- general student council (AStA)
- Elected by the StuPa (parliament of the students)
- Central institution of the student self-administration
- Divided into different departments (e.g. student representatives, study and teaching, antifascism)
- Service and infrastructure
- University policy
Consulting of AStA

- Free of charge
- Supplement & alternative consulting from FU
- Student-supportive
- Different topics:
  - BaFöG-advice
  - Social counseling
  - General legal advice (e.g. tenancy law)
  - Peer-Counseling
  - Student with a child-advice
  - Consulting of the autonomic departments (e.g. womans*-advice, international students & students of coulor)
Semester ticket

- ABC ticket for Berlin with permission for bike transport
- Social fond & semester ticket office
- File application for support or exemption from the payment obligation of around 200€ per semester

More information about the AStA on the website: astafu.de
Committees

Academic senate:
- Uni president: Prof. Dr. Günter M. Ziegler
- University stuff (budget plan, degree courses, SFB, institutions)
- Registration figures, statement to appointment nominations

Department council:
- Dean: Prof. Dr. Melzig
- Superior teaching, remittal of constitutions, study- and examination, regulations, appointments, habilitation etc.

Institute council:
- Managing director: Prof. Dr. Hasenstab-Riedel
- All affairs, relate to property procedures at the institute: jobs, teching, commissions

StuPa:
- Fundamental affairs of students
- Students institution (composition, constitution, etc.)
- Budget plan and determination of the fees
- Elections and relief of the general student council (Asta)
OC-Café

- Coffee, Food and more
- Meeting point
- Learning area
- Volunteers wanted

The chemistry-student café from students for students
Fabeckstr. 36a, Room 123
Do you have any questions?

We wish you best success!