Enrollment Event
M.Sc. Chemistry
Sommer Term 2024
Welcome!

- Structure of master’s degree at FU Berlin
- Online Resources
- Student advisory and counseling
- Committees and university politics at FU Berlin
What is a module?

- Lecture + seminar = module, or research project = module
- You must pick and choose your modules on your own
- No predetermined timetable!
Elementary structure

Master thesis
30 cp

Specialization modules

Core Elective Modules

Research projects

Elective modules

120 cp
Core elective modules

- 10 cp
- 10 cp
- 35 cp
- 5 cp
- 10 cp

Organic Chemistry
Inorganic Chemistry
“Crossover”
Physical and Theoretical Chemistry
## Core elective modules

<table>
<thead>
<tr>
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<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
Elementary structure

- **Master thesis**: 30 cp
- **Core Elective Modules**: 35 cp
- **Specialization modules**: 120 cp
- **Research projects**: 30 cp
- **Elective modules**: 35 cp

Enrollment Event M.Sc. Chemistry
### Specialization modules

<table>
<thead>
<tr>
<th>10 - 20 cp</th>
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<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>
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<tr>
<td>▪ Biochemistry</td>
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</table>
Specialization - Environmental courses

**Physics and Chemistry of Sustainability I & II**

- 2 individual modules each 5 cp
- made to connect physicists and chemists in sustainable topics

**Physic part:** in the winter term
- renewable energies

**Chemistry part:** in the summer term
- Basics in Green Chemistry
- how to design a sustainable product

**Atmosphärechenmie**

- remake of the old “atmosphärechenmie” lecture
- discussion-based course

**Topics:**
- Climate change
- Atmospheric chemistry and dynamics
- Air pollution
- Geoengineering
Elementary structure

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**!

<table>
<thead>
<tr>
<th>Modern Aspects of Chemistry</th>
</tr>
</thead>
<tbody>
<tr>
<td>2* 2.5 cp = 5 cp</td>
</tr>
</tbody>
</table>

- Assembled from two 2.5 cp courses
- You can attend up to 3x5cp
- First part of the module has the name „Modern Aspects of Chemistry“ -> do it first
- Name of second part: „Wahlmodul (ohne Modulprüfung)”
- You will only get credits, if you complete both parts of the module!
### Elective modules

#### Examples for other modules:

<table>
<thead>
<tr>
<th>▪ Bioinformatics</th>
<th>▪ Business administration</th>
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</thead>
<tbody>
<tr>
<td>▪ Biology</td>
<td>▪ Journalism and Communication</td>
</tr>
<tr>
<td>▪ Physics</td>
<td>▪ Toxicology</td>
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<tr>
<td>▪ Chemistry information and literature research</td>
<td>▪ Environmental technologies</td>
</tr>
<tr>
<td>▪ Languages courses</td>
<td>▪ Mathematics</td>
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<tr>
<td>▪ Gender and Diversity</td>
<td>▪ Chemicals legislation and patent law</td>
</tr>
<tr>
<td>▪ Computer (science) courses</td>
<td>▪ Ethical and social aspects of the natural sciences</td>
</tr>
</tbody>
</table>

If you’d like to do other modules, that are not directly bookable through CM, send an E-Mail to pruefungsbuero@chemie.fu-berlin.de

**NEW: for 5 cp**

Sustainability in Chemistry
Elementary structure

Master thesis
30 cp

Core Elective Modules
35 cp

Specialization modules
10-20 cp

120 cp

Research projects

Elective modules
max 15 cp
Research projects

<table>
<thead>
<tr>
<th>20 - 30 cp</th>
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</thead>
<tbody>
<tr>
<td>At least in two different workgroups</td>
</tr>
<tr>
<td>At least <strong>15 cp</strong> on the subjects IC, OC, PC or TC</td>
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</tbody>
</table>

**Different modules:**

- 5 cp (Four weeks)
- 10 cp (Eight weeks) Full time!
- 15 cp (Twelve weeks)

Not necessary to do it on this institute, biochem, physics, pharmacy are common!

Please submit your requests for projects in other institutes to the examination board!
Elementary structure

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

<table>
<thead>
<tr>
<th>Master thesis 30 cp</th>
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### 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, anything you want

Max. 30 cp from one topic (OC, IC, PTC)
# Summary

<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>Research internships 1 (also possible in the lecture-free time) 15 cp</td>
<td>Elective Modul 1 5 cp</td>
<td></td>
<td></td>
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</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>Research internships 2 (also possible in the lecture-free time) 15 cp</td>
<td>Specialization modules 1 5 cp</td>
<td>Elective Modul 2 5 cp</td>
<td></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>Specialization modules 2 5 cp</td>
<td>Elective Modul 3 5 cp</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>Master thesis 30 cp</td>
<td></td>
</tr>
</tbody>
</table>

| Total CP | 120 | 10 | 10 | 10 | 5 | 30 | 10 | 15 | 30 |

Enrollment Event M.Sc. Chemistry
Exams

Sign on:
- Sign on in CM = Signing 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 to courses is possible until the "third Friday after start of the lectures."

Deadline: May 3, 2024, 12 p.m.
Online resources

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/
Online resources

**Blackboard**

Course material from the professor and tutors

https://lms.fu-berlin.de
Online resources

**Primo - Literature search engine**


Downloadlink of the VPN-Client: https://www.zedat.fu-berlin.de/VPN
Online resources

ZEDAT Portal – E-Mail, Intranet and other university services

https://portal.zedat.fu-berlin.de

Change your address to your new address in Berlin!!!
Otherwise, you will have problems borrowing books in the library.
Study advisory

Student Study advisory:

Contact: studienberatung@chemie.fu-berlin.de
Where: Takustr. 3, Raum 14.07
Please mention your Study Programm (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
- Drinking beer
- 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 on Insta

@fu_fsi_chemie
Further support

**Examining Board:**
- Study- and examination regulations
Representative: Prof. Christian Müller
Contact: c.mueller@fu-berlin.de
Fabeckstraße 34/36, Raum V103

**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: bcppfrau@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 ans politics
Consulting/Counseling 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 (public transport)

▪ Deutschlandticket (travel through all of Germany, except ICE, IC, EC)
▪ only valid as a digital ticket → charge your phone + have your ID card ready!
▪ Social fund & semester ticket office
▪ File application for support or exemption from the payment obligation of 181,40 € per semester

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

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

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

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

**StuPa:**
- Fundamental affairs of students
- Student 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 café from students for students
Fabeckstr. 36a, Room 123
Thank You for Your Attention!

Are there any questions?