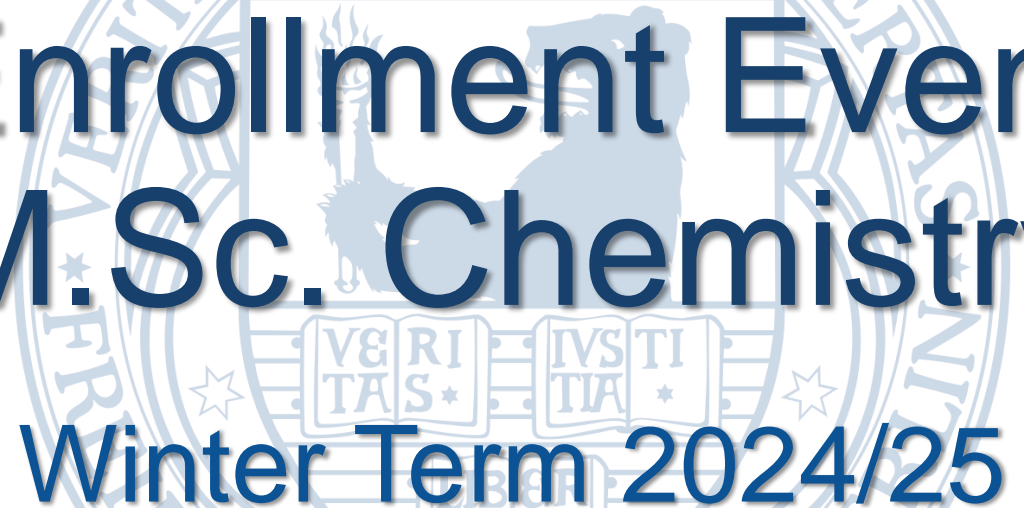
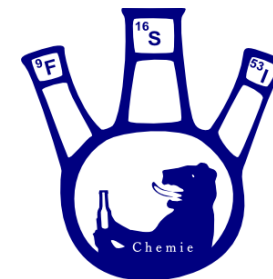




Fachbereich  
Biologie, Chemie, Pharmazie

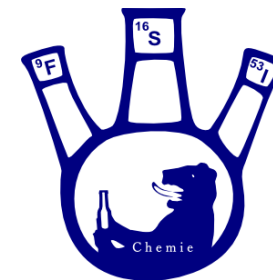


# Enrollment Event M.Sc. Chemistry Winter Term 2024/25

# Welcome!

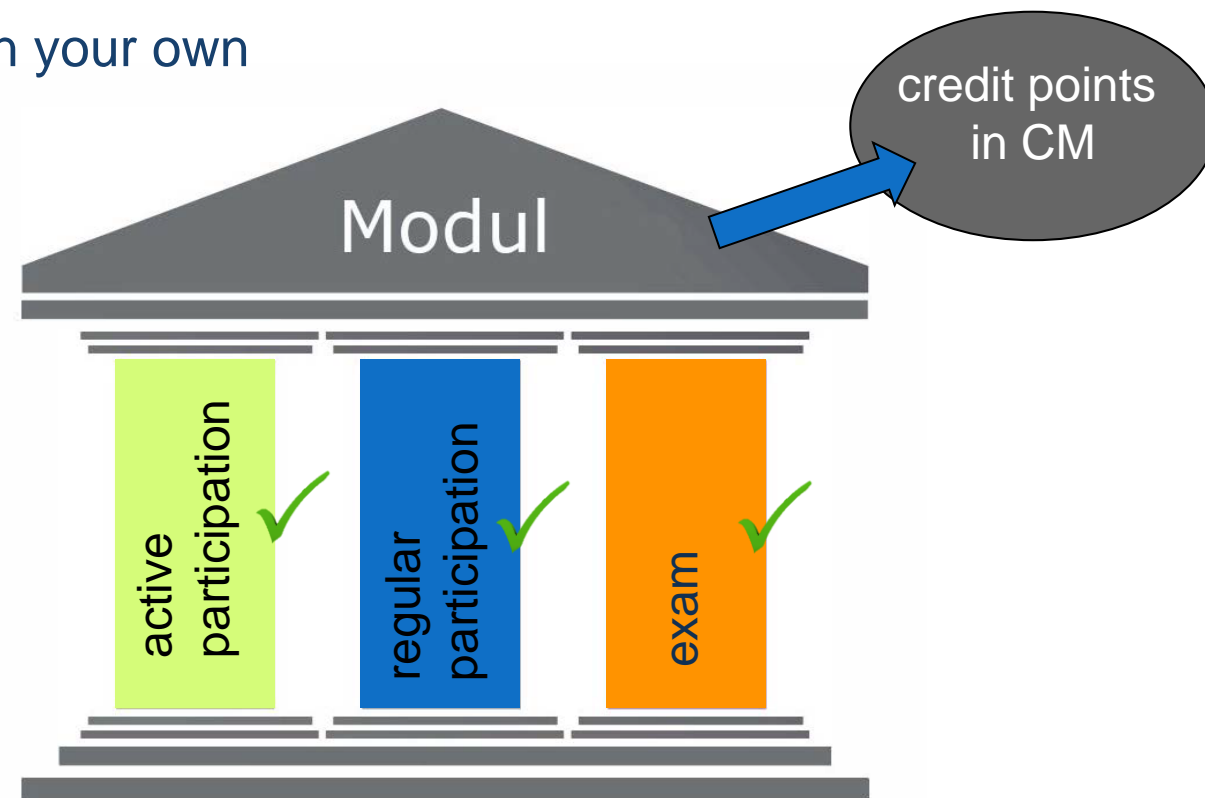


- Structure of master's degree at FU Berlin
- Online Resources
- Student advisory and counseling
- Committees and university politics at FU Berlin

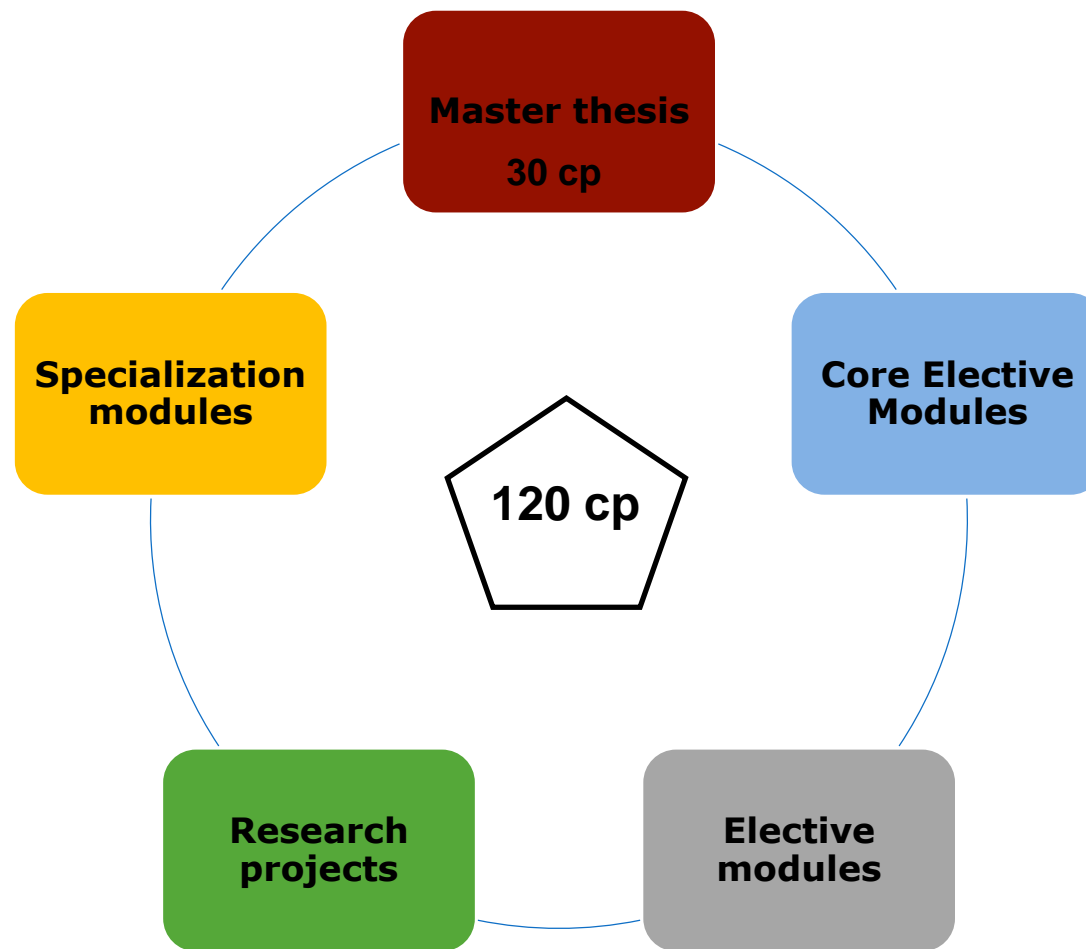
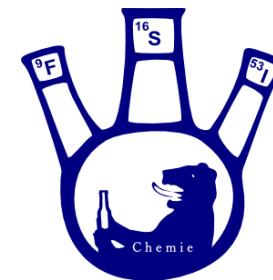


# What is a module?

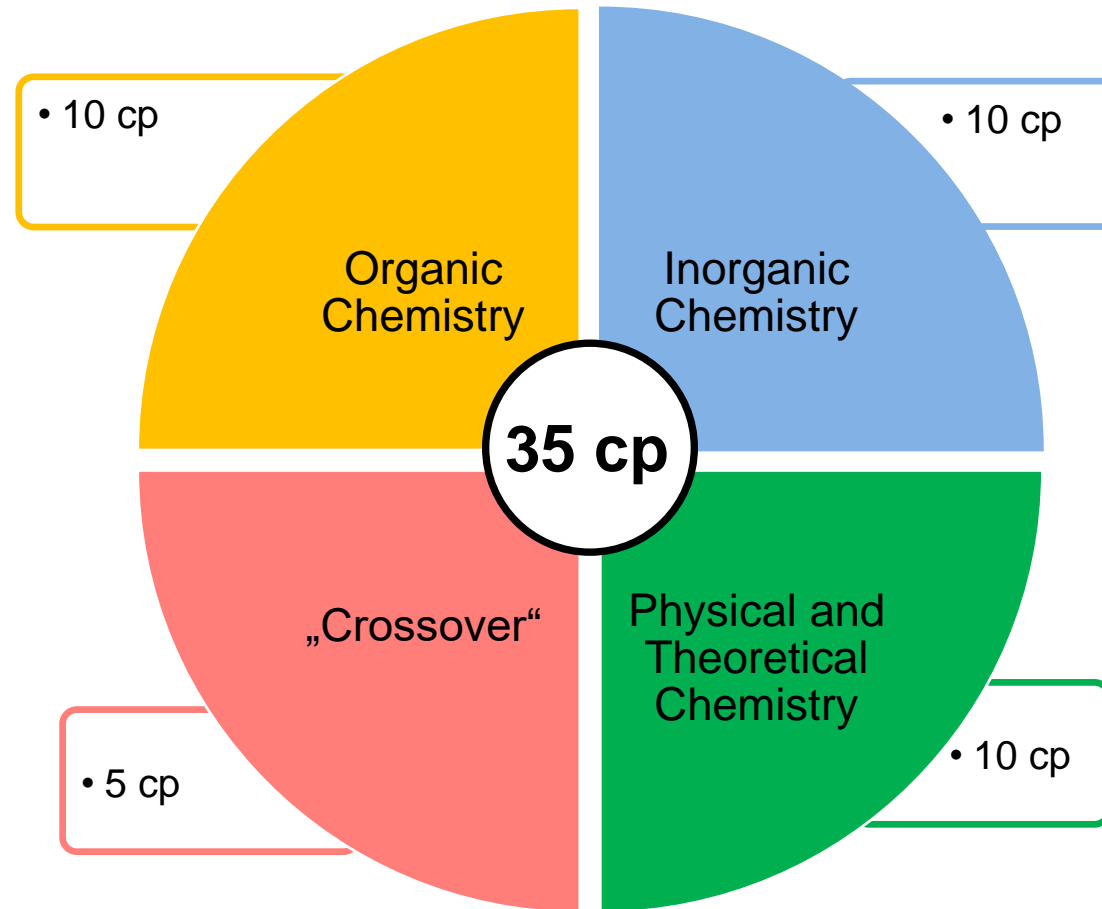
- Lecture + seminar = module, or research project = module
- You must pick and choose your modules on your own
- No predetermined timetable!

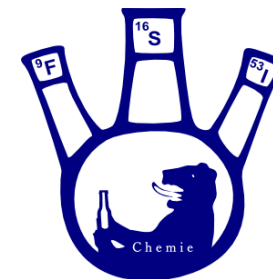


# Elementary structure



# Core elective modules

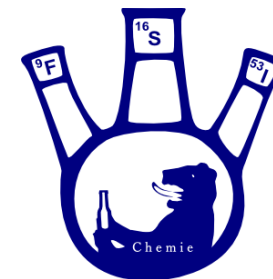




# Core elective modules

<b>Inorganic Chemistry</b> <b>[10 cp]</b>	<b>Organic Chemistry</b> <b>[10 cp]</b>	<b>Physical and Theoretical Chemistry</b> <b>[10 cp]</b>
<ul style="list-style-type: none"><li>▪ Coordination Chemistry [5 cp]</li></ul>	<ul style="list-style-type: none"><li>▪ Stereoselective Synthesis (OC 5) [5 cp]</li></ul>	<ul style="list-style-type: none"><li>▪ Modern Methods of Spectroscopy [5 cp]</li></ul>
<ul style="list-style-type: none"><li>▪ Radiochemistry Basics [5 cp]</li></ul>	<ul style="list-style-type: none"><li>▪ Physical-organic Chemistry (PhOC1) [5 cp]</li></ul>	<ul style="list-style-type: none"><li>▪ Statistical Thermodynamics [5 cp]</li></ul>
<ul style="list-style-type: none"><li>▪ Modern Methods of Structure Determination [5 cp]</li></ul>	<ul style="list-style-type: none"><li>▪ Advanced Synthesis Methods (OC 4) [5 cp]</li></ul>	<ul style="list-style-type: none"><li>▪ Quantum Chemistry [5 cp]</li></ul>
<ul style="list-style-type: none"><li>▪ Organometallics [5 cp]</li></ul>	<ul style="list-style-type: none"><li>▪ Advanced Bioorganic Chemistry (BioOC2) [5 cp]</li></ul>	<ul style="list-style-type: none"><li>▪ Solids and Interfaces [5 cp]</li></ul>

# Core elective modules



## „Crossover“ non graded! [5 cp]

- **Scientific Lectures and Presentations in Chemistry [5 cp]**

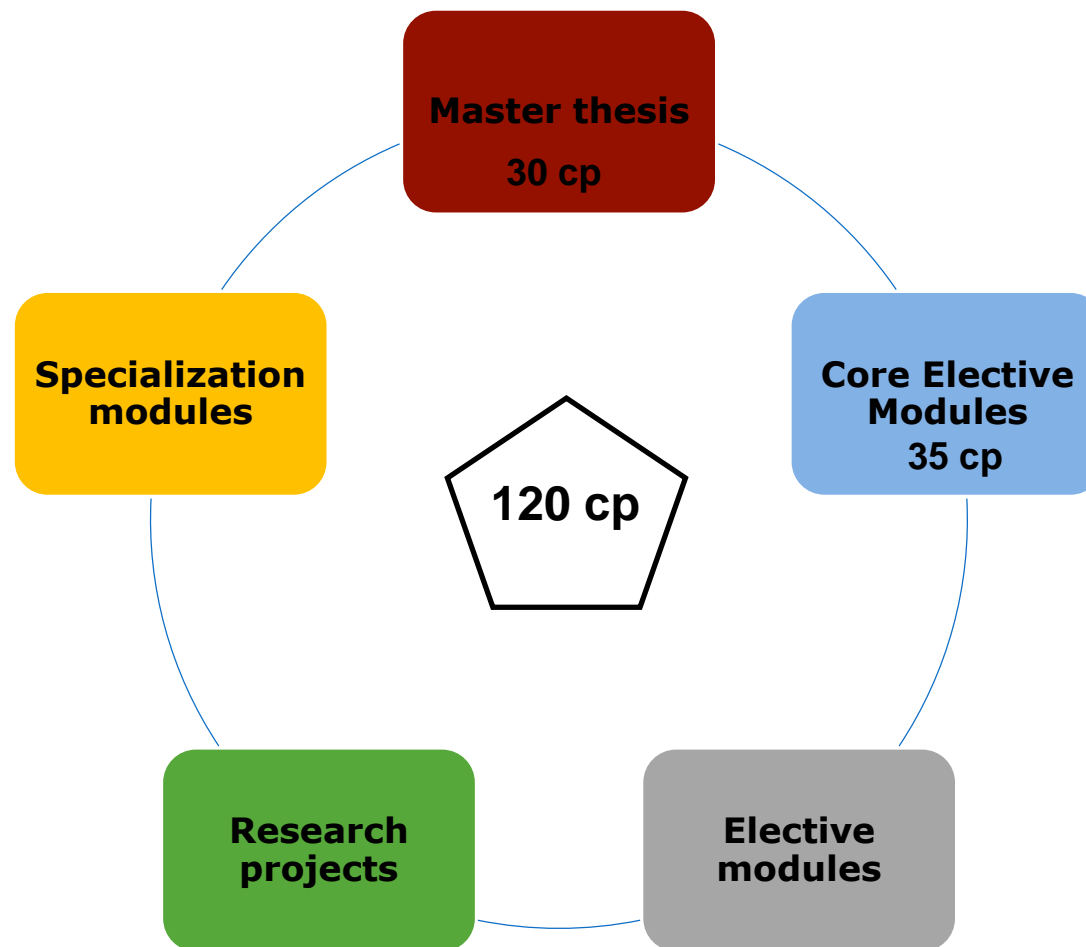
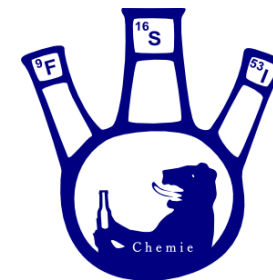
- Attend 14 scientific presentations
- Give two presentations yourself

OR

- **Teaching Chemistry [5 cp]**

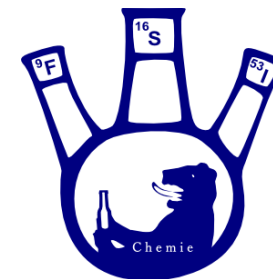
- Lead an assigned tutorial group (be a tutor)
- Conduct an evaluation about your tutorial

# Elementary structure





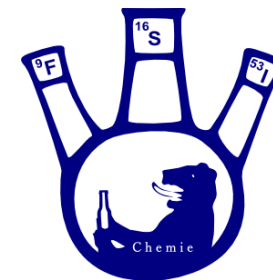
# Specialization modules



**10 - 20 cp**

- unassigned core elective modules
- Inorganic chemistry
- Organic chemistry
- Physical chemistry
- Theoretical chemistry
- Analytical chemistry
- Macromolecular chemistry
- Environmental chemistry
- Biochemistry

# Specialization - Environmental courses



## Physics and Chemistry of Sustainability I & II

- 2 individual classes, each worth 5 cp
- connecting physics and chemistry on topics of sustainability

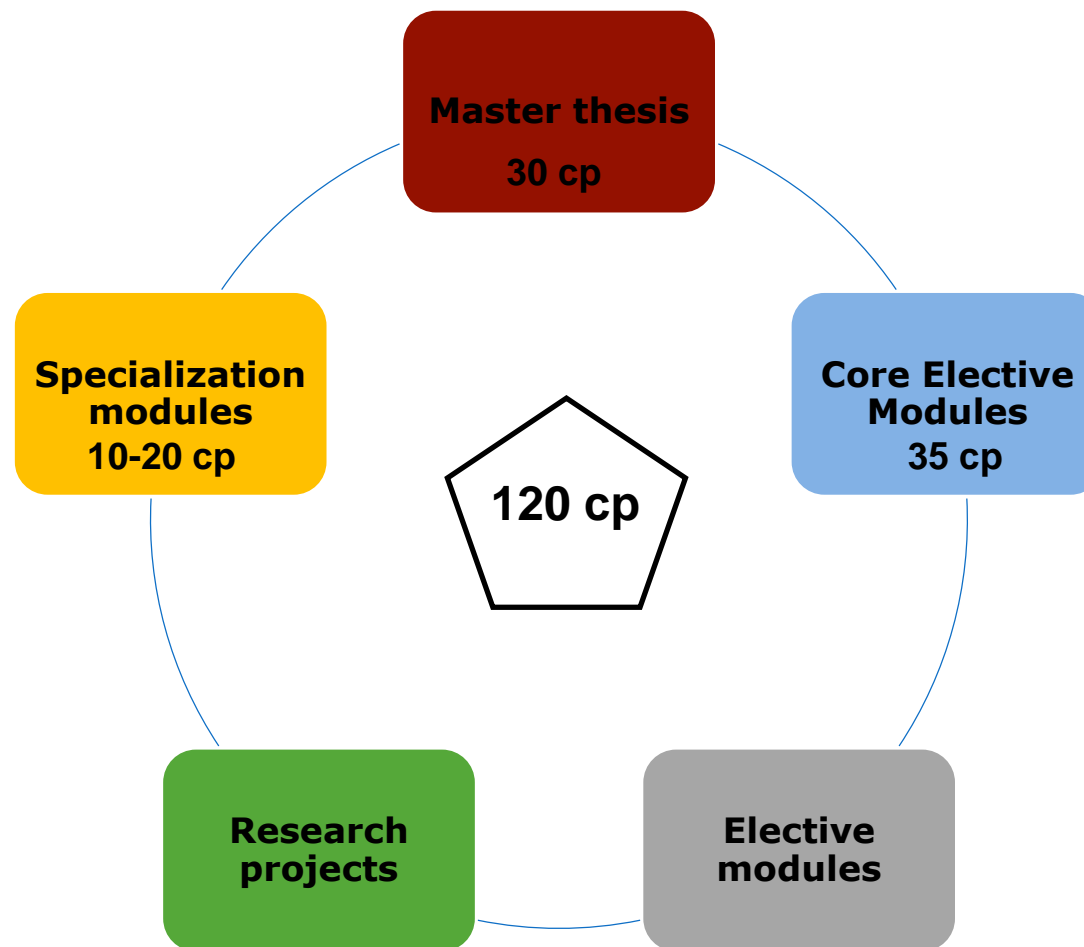
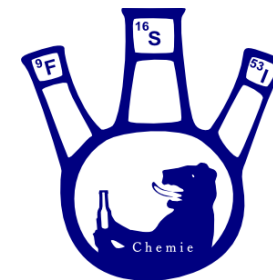
### Part I – Physics:

- winter term
- Topic(s): renewable energies

### Part II – Chemistry:

- summer term
- Lecturer: Prof. Dr. Beate Koksch
- Topic(s): fundamentals of green chemistry, designing a sustainable Product

# Elementary structure





# 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

2\* 2,5 cp = 5 cp

- 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!

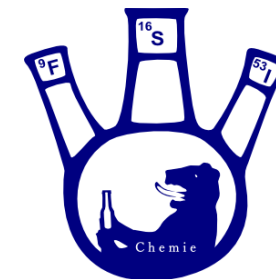
### Lehrveranstaltungsangebot zum Modul "Berufsorie

Lehrveranstaltungsangebot zum Modul	
<input checked="" type="checkbox"/>	(S1) Berufsorientierung (0160bA1.2.1)
<input type="checkbox"/>	(V) Einführung Arzneimittelzulassung
<input type="checkbox"/>	(V) Moderne Methoden der Agrochemie
<input type="checkbox"/>	(V) Laser und seine Anwendungen
<input checked="" type="checkbox"/>	Ethik in der Chemie
<input checked="" type="checkbox"/>	(S2) Berufsorientierung (0160bA1.2.2)
<input type="checkbox"/>	(V) Einführung Arzneimittelzulassung
<input type="checkbox"/>	(V) Moderne Methoden der Agrochemie
<input checked="" type="checkbox"/>	(V) Laser und seine Anwendungen
<input type="checkbox"/>	Ethik in der Chemie

Klicken Sie auf "Weiter" um den An- und Abmeldeprozess

[Abbrechen](#) [Zurück](#) [Weiter](#)

# Elective modules



## Examples for other modules:

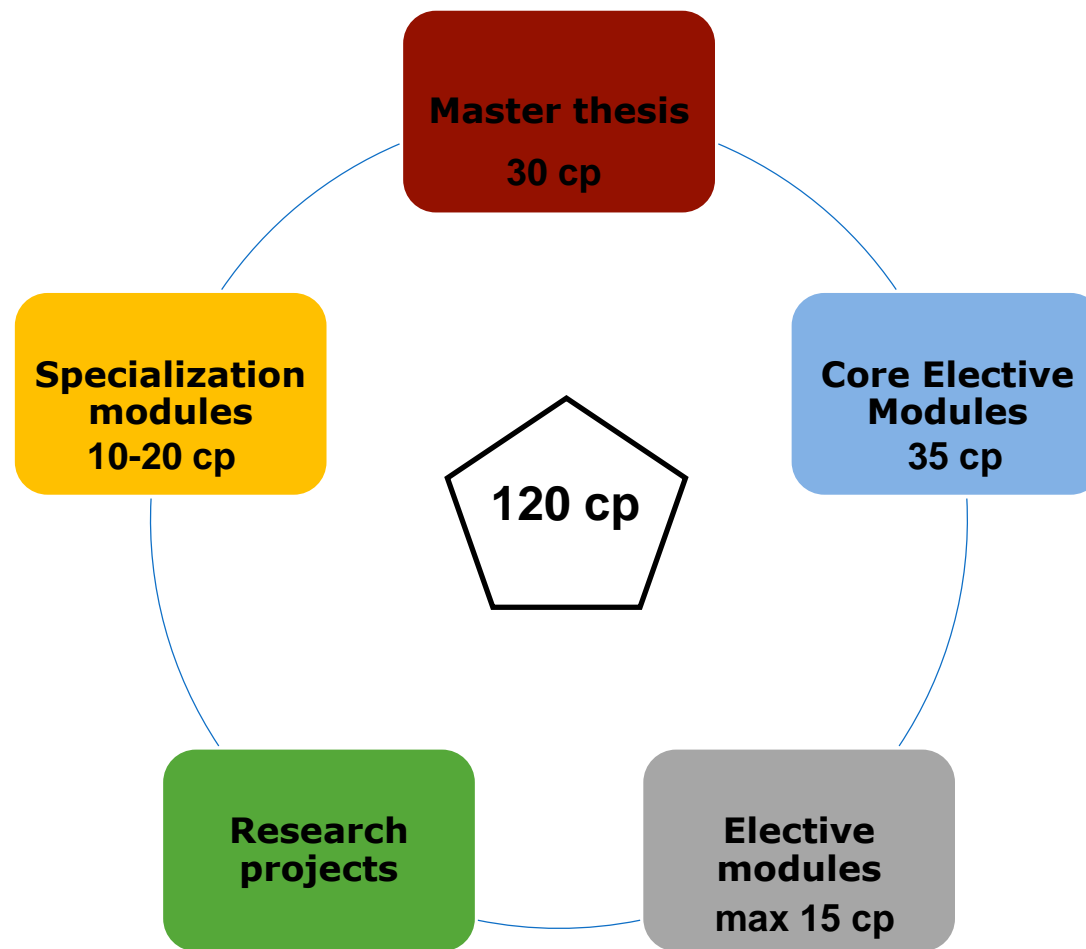
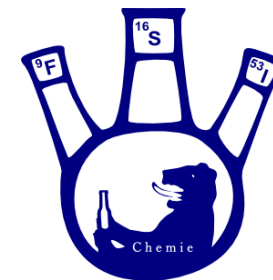
- |   |  |
|---|--|
| ▪ Bioinformatics                                | ▪ Business administration                            |
| ▪ Biology                                       | ▪ Journalism and Communication                       |
| ▪ Physics                                       | ▪ Toxicology   |
| ▪ Chemistry information and literature research | ▪ Environmental technologies                         |
| ▪ Languages courses                             | ▪ Mathematics  |
| ▪ Gender and Diversity                          | ▪ Chemicals legislation and patent law               |
| ▪ Computer (science) courses                    | ▪ Ethical and social aspects of the natural sciences |

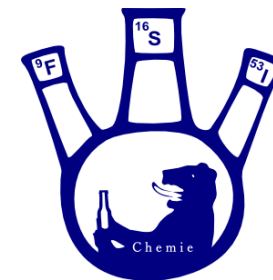
If you'd like to do other modules, that are not directly bookable through CM, send an E-Mail to [pruefungsbuero@chemie.fu-berlin.de](mailto:pruefungsbuero@chemie.fu-berlin.de)

**NEW: for 5 cp**

**Sustainability in Chemistry**

# Elementary structure





# Research projects

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

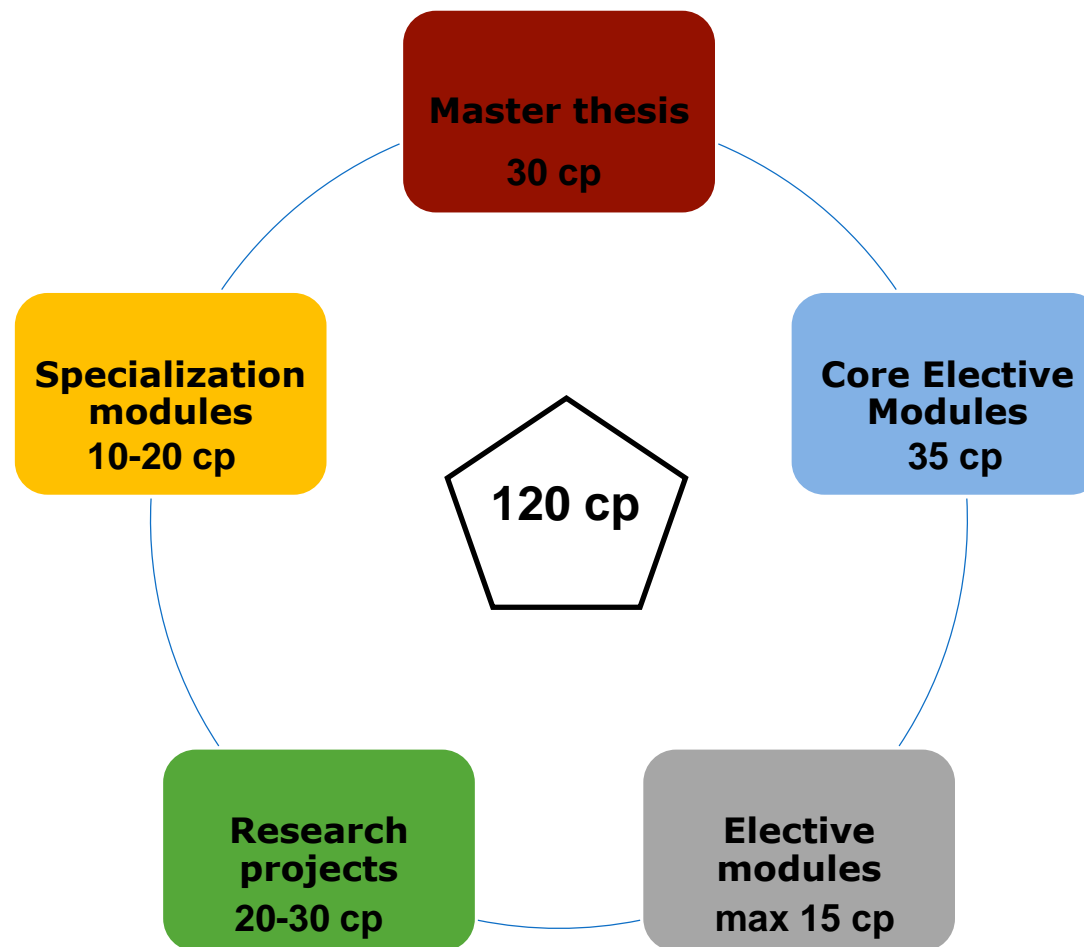
## Different modules:

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

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

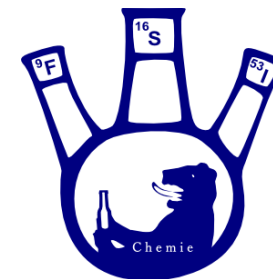
Please submit your requests for projects in other institutes to the examination board!

# Elementary structure





# Summary



## 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

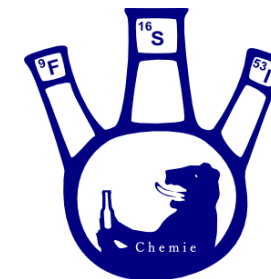
### Research projects 20 - 30 cp

### Elective modules 15 cp

unassigned core elective- or specialization modules or  
Languages, “Modern Aspects of Chemistry”, and much more  
basically, anything you want

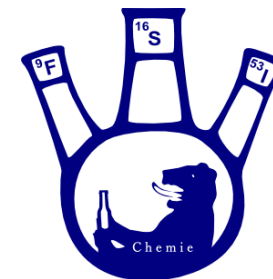
Max. 30 cp  
from one topic  
(OC, IC, PTC)

# Summary



Semester	Inorganic Chemistry	Organic Chemistry	Physical and Theoretical Chemistry	Cross-thematic	Research projects	Specialization modules	Elective Modul	Master thesis
<b>1</b> 30 cp	Core Elective Modul 1 Inorg. Chem. 5 cp	Core Elective Modul 1 Org. Chem. 5 cp	Core Elective Modul 1 Phys. & Theor. Chem. 5 cp		Research internships 1 (also possible in the lecture-free time) 15 cp		Elective Modul 1 5 cp	
<b>2</b> 30 cp	Core Elective Modul 2 Inorg. Chem. 5 cp		Core Elective Modul 2 Phys. & Theor. Chem. 5 cp		Research internships 2 (also possible in the lecture-free time) 15 cp	Specialization modules 1 5 cp	Elective Modul 2 5 cp	
<b>3</b> 30 cp		Core Elective Modul 2 Org. Chem. 5 cp		Cross-thematic Modul 1 5 cp		Specialization modules 2 5 cp	Elective Modul 3 5 cp	
<b>4</b> 30 cp								Master thesis 30 cp
120 cp	10 cp	10 cp	10 cp	5 cp	30 cp	10 cp	15 cp	30 cp

# Exams



## 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 irreversably failed

## Grade improvement:

- Only within the same semester and only on the second attempt overall

# Exams



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

**Deadline: November 1, 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:

<https://www.fu-berlin.de/vv/en/modul?id=126545&sm=814672>

### Campus Management:

<https://www.ecampus.fu-berlin.de/>

# Online resources

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## Blackboard

Course material from the lecturers and tutors

<https://lms.fu-berlin.de>

# Online resources

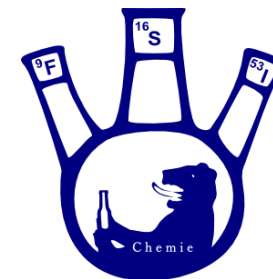


## Primo – Literature search engine

[https://fu-berlin.primo.exlibrisgroup.com/discovery/search?vid=49KOBV\\_FUB:FUB](https://fu-berlin.primo.exlibrisgroup.com/discovery/search?vid=49KOBV_FUB:FUB)

Downloadlink of the VPN-Client: <https://www.zedat.fu-berlin.de/VPN>

# Online resources



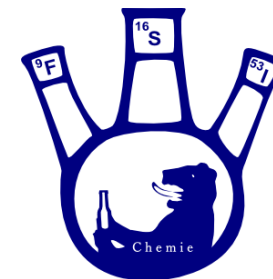
## ZEDAT Portal – E-Mail, Intranet and other university services



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

**Change your address to your new address in Berlin!!!**  
Otherwise, you will have problems checking out books in the library.





# Study advisory

## Student Study advisory:

Contact: [studienberatung@chemie.fu-berlin.de](mailto: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](mailto:pruefungsbuero@chemie.fu-berlin.de)

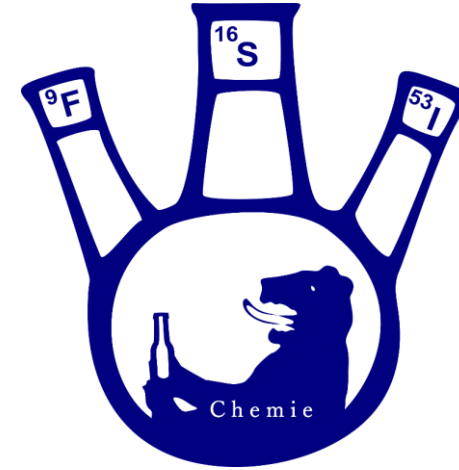
Where: Arnimallee 22, Raum A.027

# 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?

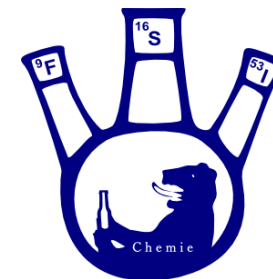
- Of course 😊 our meetings are every second week in Room 14.07 at Takustr. 3
- Contact us via mail [studienberatung@chemie.fu-berlin.de](mailto:studienberatung@chemie.fu-berlin.de) or on Insta



Follow us on  
**Instagram**

@fu\_fsi\_chemie





# Further support

## Examination Board:

- Study- and examination regulations

Representative: Prof. Christian Müller

Contact: [c.mueller@fu-berlin.de](mailto:c.mueller@fu-berlin.de)

Fabeckstraße 34/36, Raum V103

## Office of Academic Affairs and Study Advisory:

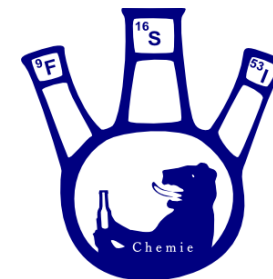
- Advice for progress of study and in special cases
- Scheduling of courses (Course catalogue)
- Registration and deregistration of courses in the "Campus Management"
- Quality management for studies and teaching

Contact: [studienbuero@chemie.fu-berlin.de](mailto:studienbuero@chemie.fu-berlin.de)

## Student-Service-Center (SSC):

- General and psychological support as well as workshops

Contact: [info-service@fu-berlin.de](mailto: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](mailto: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](mailto: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](mailto:erasmus@bcp.fu-berlin.de)

# AStA



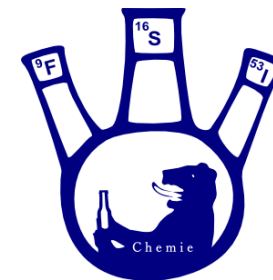
- general student council (AStA)
- Elected by the StuPa (parliament of the students)
- Central institution of the student self-administration
- Divided into different departments (e.g. student representatives, study and teaching, antifascism)
- Service and infrastructure
- University policy and politics





# 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)

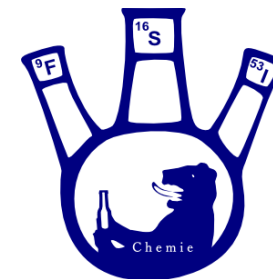


# Semester ticket (public transport)

- Deutschlandticket (travel through all of Germany, with public transport and regional trains)
- 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](http://astafu.de)



# Committees

## Academic Senate:

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

## Department Council:

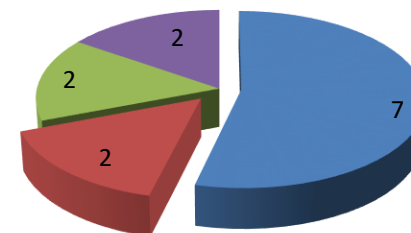
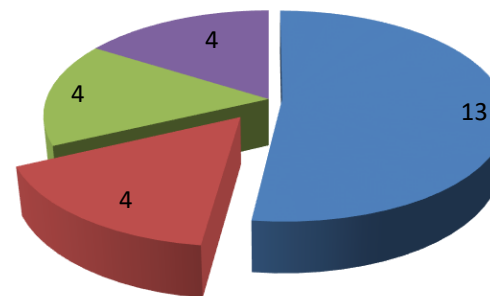
- Dean: Prof. Dr. Beate Paulus
- Superior teaching, remittal of constitutions, study- and examination, regulations, appointments, habilitation etc.

## Institute Council:

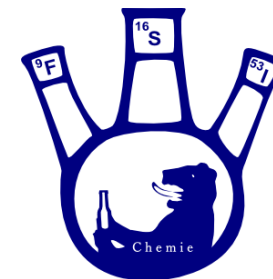
- Managing Director: Prof. Dr. Matthias Christmann
- All affairs, relate to property procedures at the institute: jobs, teaching, commissions

## 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)







# Looking for a job?

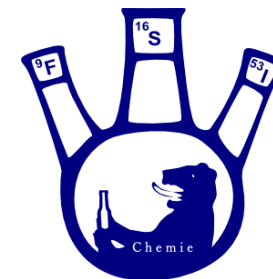
You can find a collection of current job offerings from other research groups or research facilities online on our website:

[bcp.fu-berlin.de/studium-lehre/verwaltung/fachschaften/fachschaftsinitiative-chemie/Ausschreibungen/index.html](http://bcp.fu-berlin.de/studium-lehre/verwaltung/fachschaften/fachschaftsinitiative-chemie/Ausschreibungen/index.html)

You can also check out the universities job portal:

[fu-berlin.de/en/universitaet/beruf-karriere/jobs/index.html](http://fu-berlin.de/en/universitaet/beruf-karriere/jobs/index.html)

# Research & Drinks



**Get an overview of the institute's research groups and meet the professors!**

**Have a drink and learn about their research!**

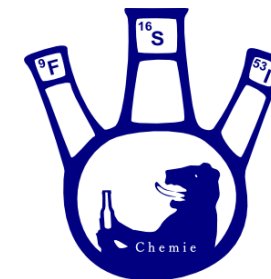
Physical and Theoretical Chemistry: Thursday, November 14

Inorganic Chemistry: Friday, November 15

Organic Chemistry: Wednesday, November 20

**Time and Place: 4 p.m., SupraFAB, Altensteinstraße 23A**

# OC-Café



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

The chemistry café from students for students  
**Fabeckstraße 36A, Room 123**

