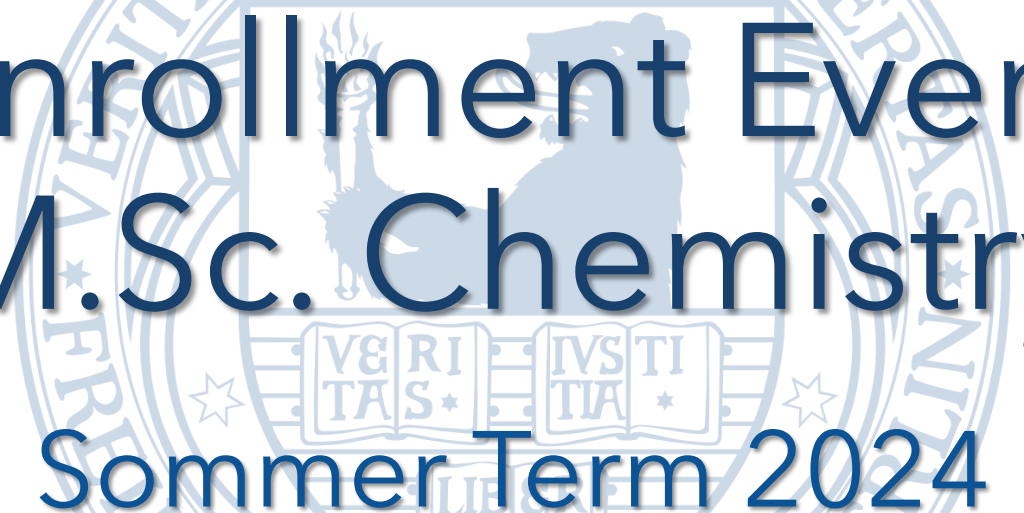
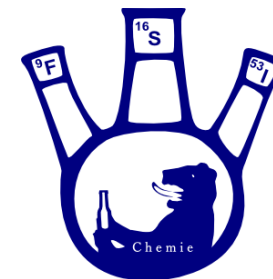


Fachbereich
Biologie, Chemie, Pharmazie



Enrollment Event M.Sc. Chemistry Sommer Term 2024

Welcome!

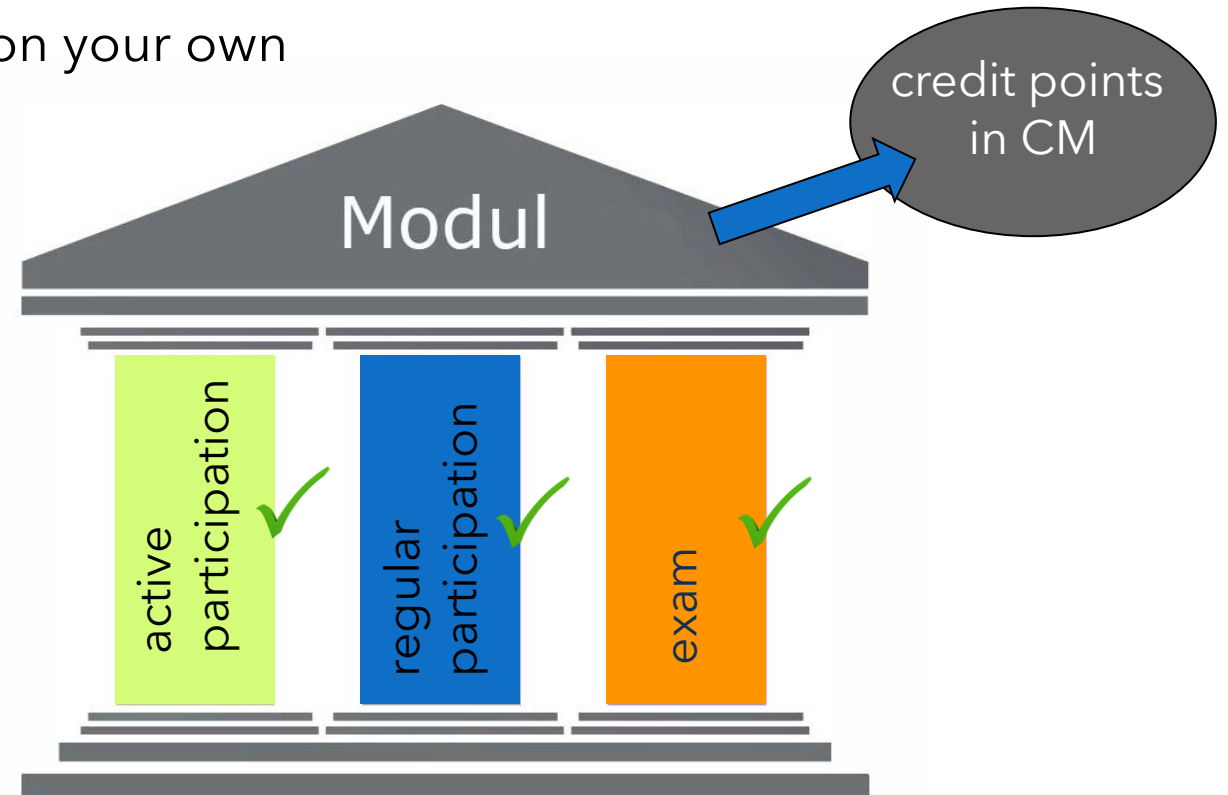


- Structure of master's degree at FU Berlin
- Online Resources
- Student advisory and counseling
- Committees and university politics at FU Berlin

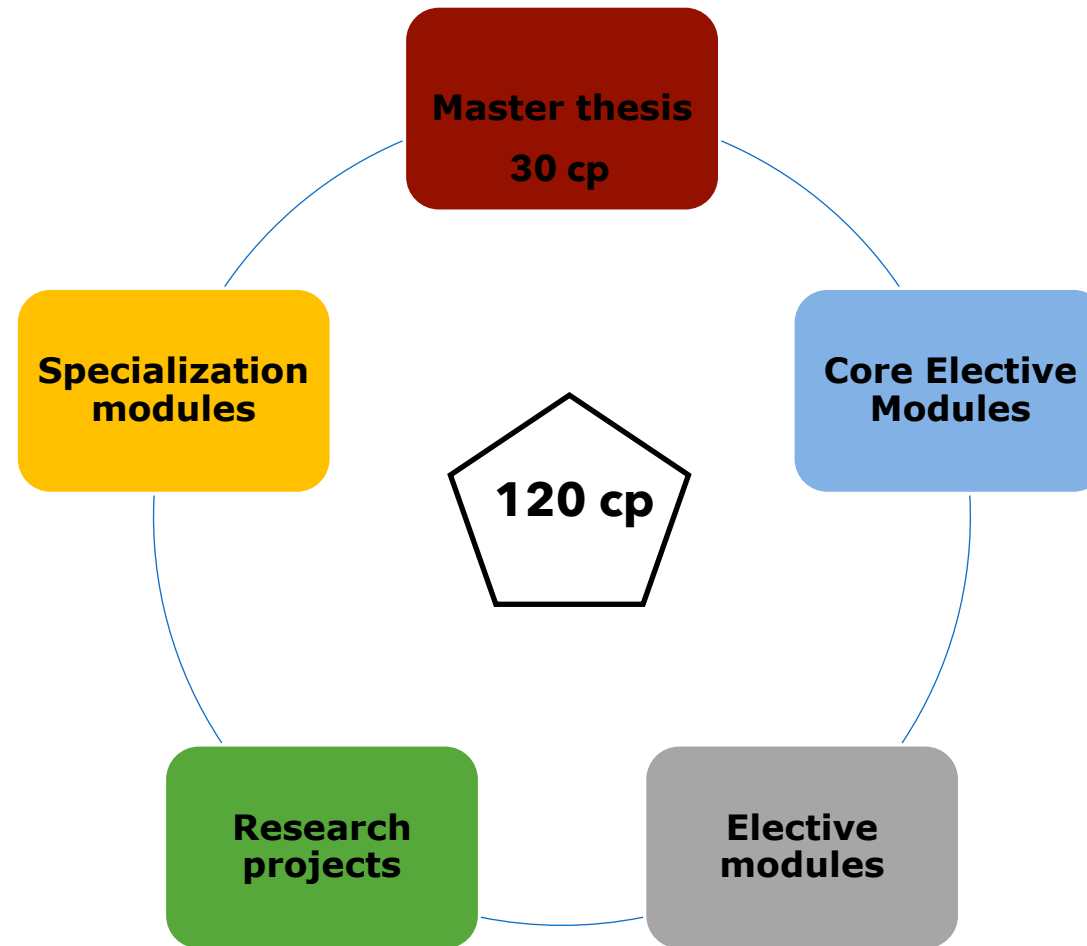


What is a module?

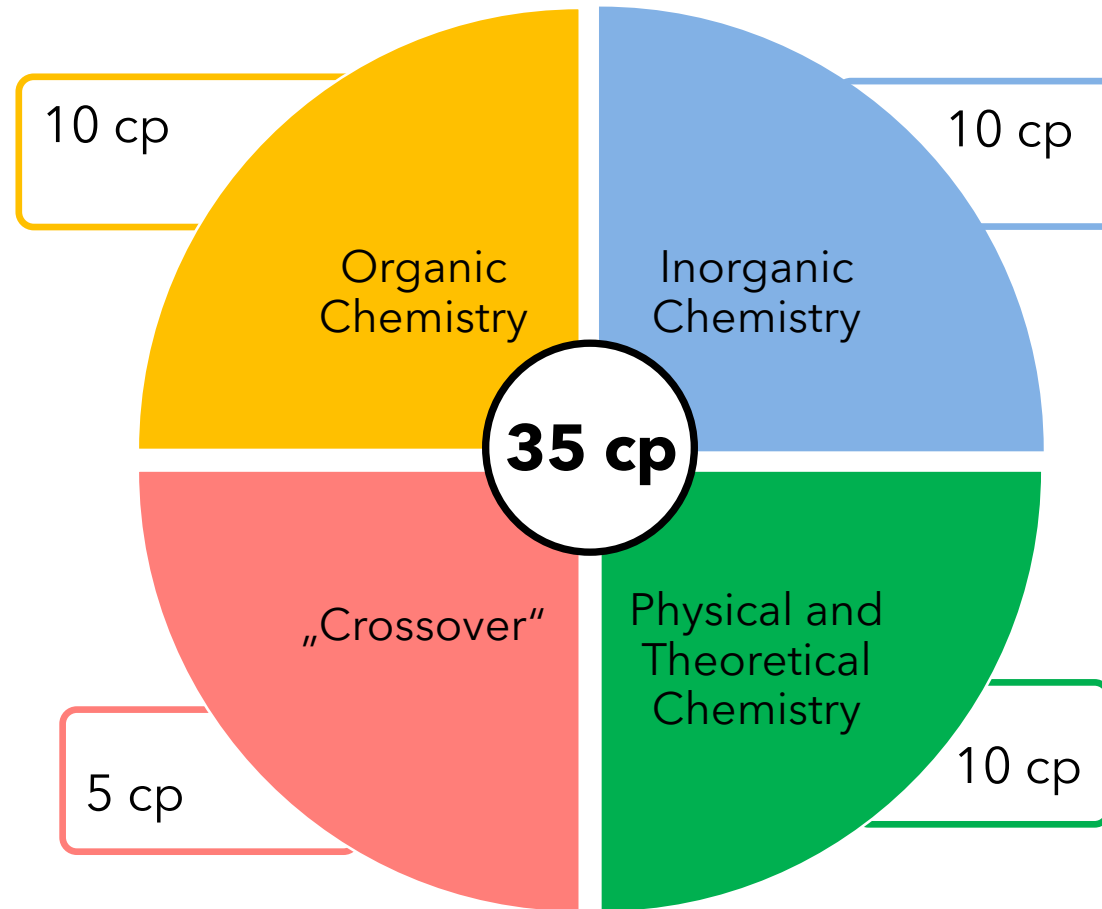
- Lecture + seminar = module, or research project = module
- You must pick and choose your modules on your own
- No predetermined timetable!

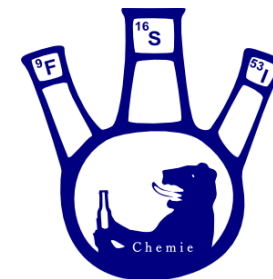


Elementary structure



Core elective modules





Core elective modules

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

Core elective modules



„Crossover“ non graded! [5 cp]

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

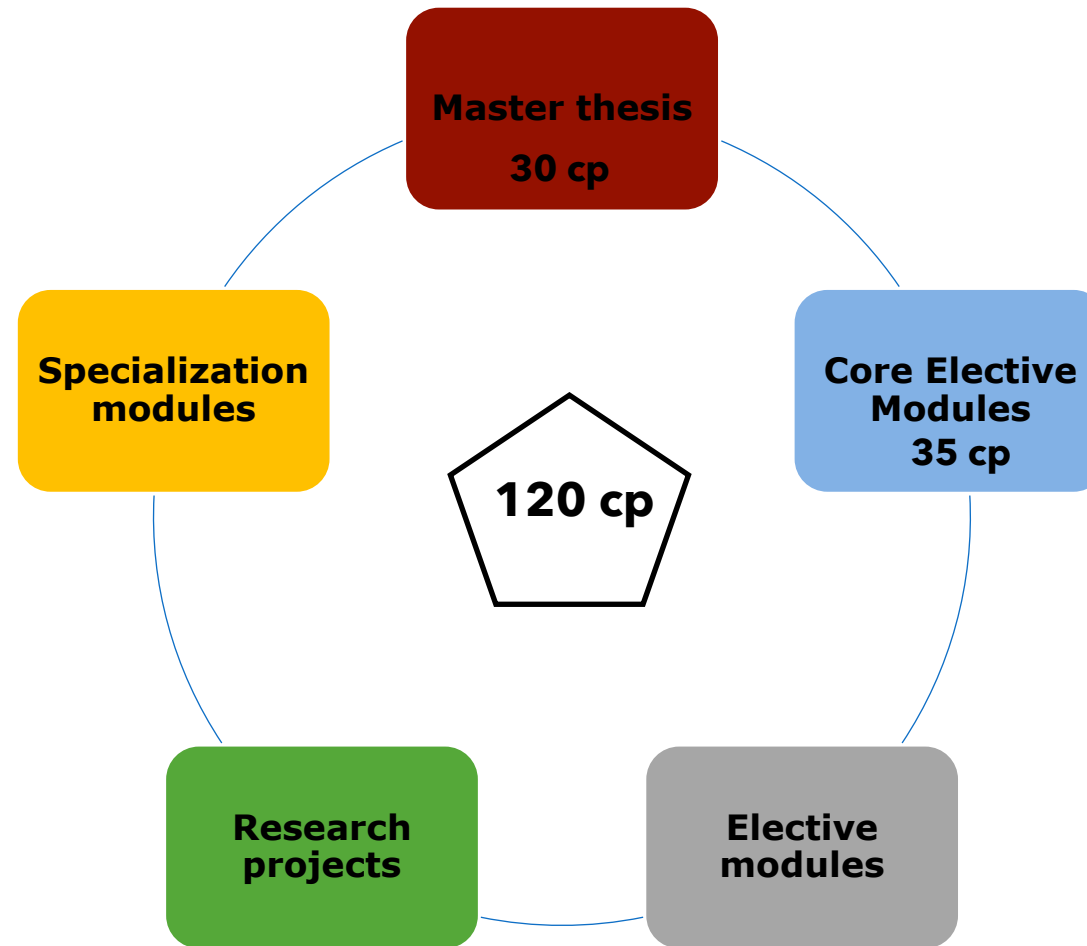
- Attend 14 scientific presentations
- Give two presentations yourself

OR

- **Teaching Chemistry** [5 cp]

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

Elementary structure



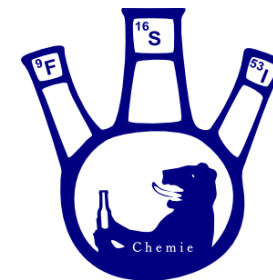
Specialization modules



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 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

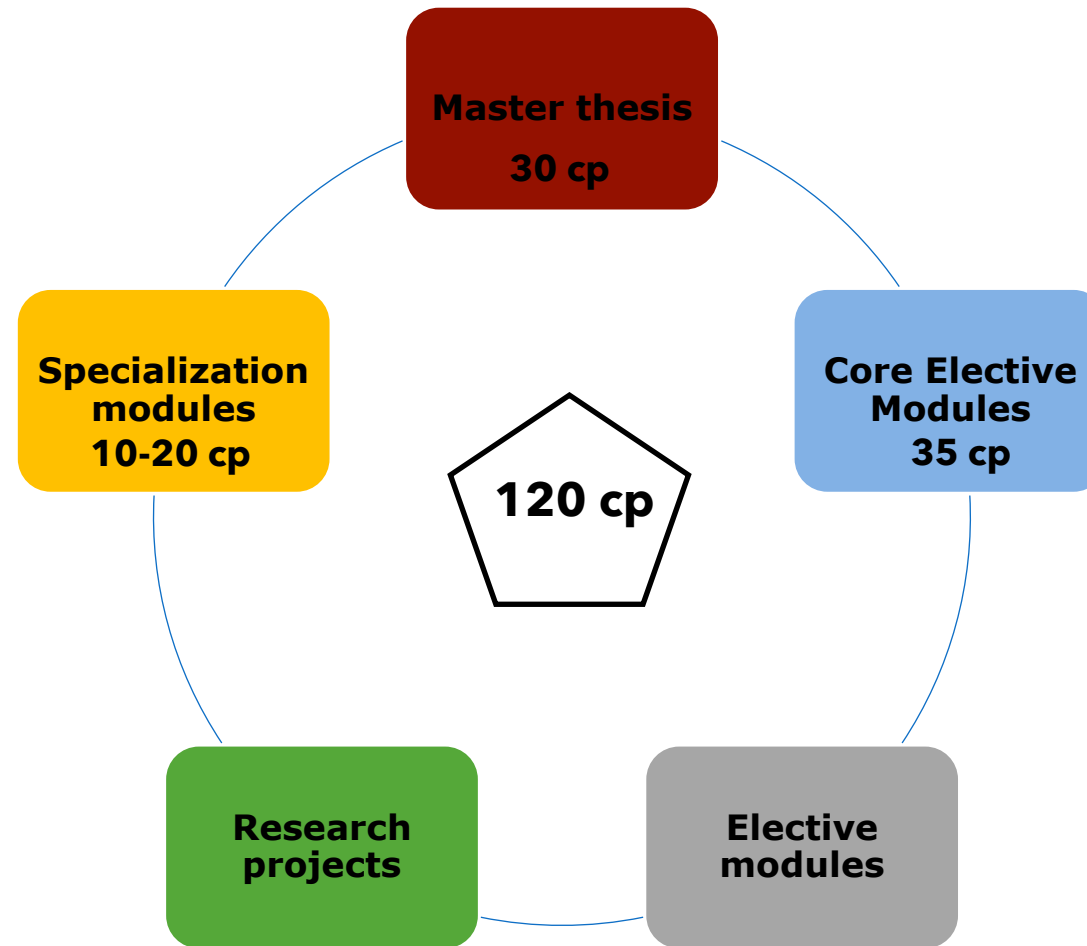
Atmosphärenchemie

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

Topics:

- Climate change
- Atmospheric chemistry and dynamics
- Air pollution
- Geoengineering

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!

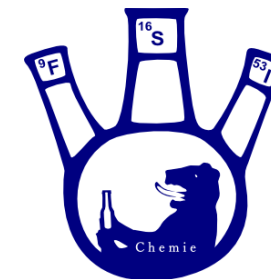
Lehrveranstaltungsangebot zum Modul "Berufsorie

Lehrveranstaltungsangebot zum Modul	
(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
(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:

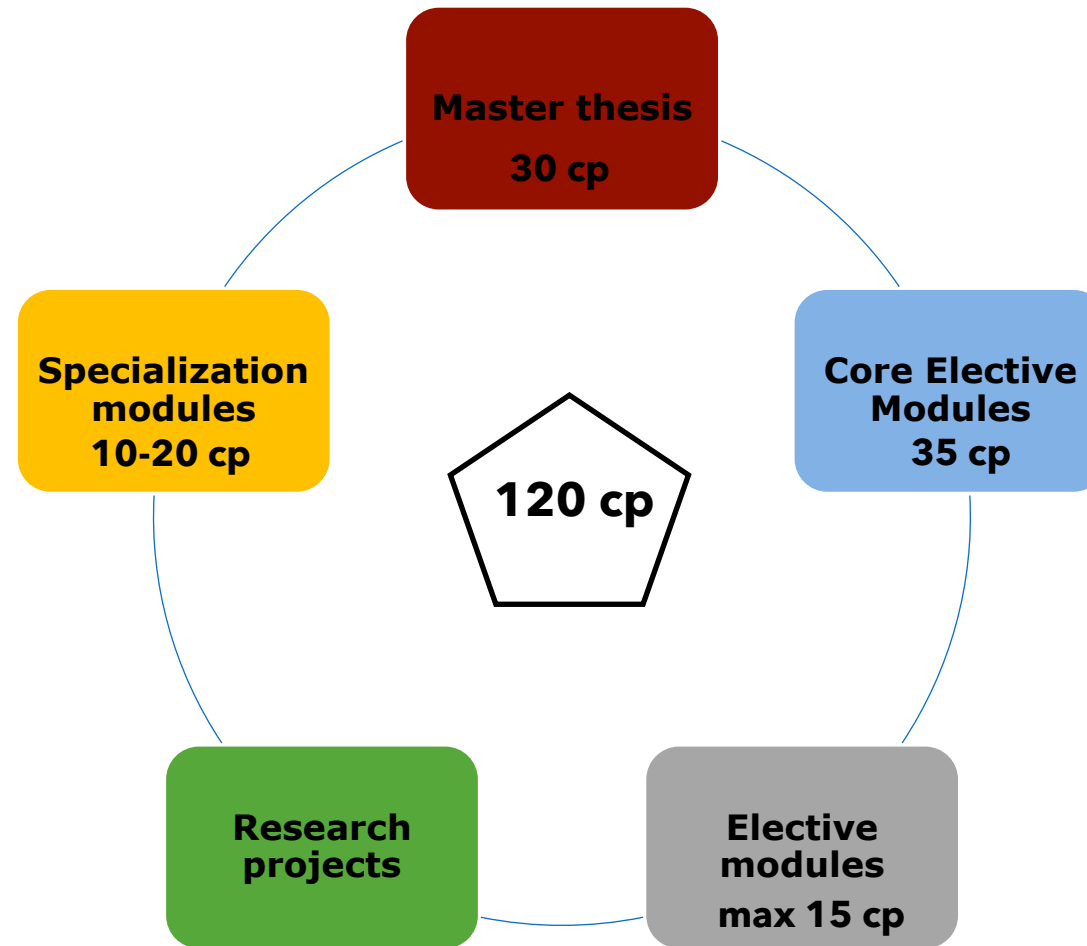
- | | |
|---|--|
| ▪ Bioinformatics | ▪ Business administration |
| ▪ Biology | ▪ Journalism and Communication |
| ▪ Physics | ▪ Toxicology |
| ▪ Chemistry information and literature research | ▪ Environmental technologies |
| ▪ Languages courses | ▪ Mathematics |
| ▪ Gender and Diversity | ▪ Chemicals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

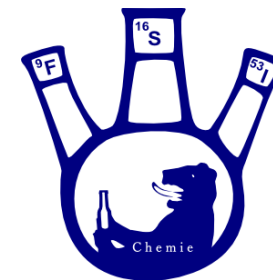
If you'd like to do other modules, that are not directly bookable through CM, send an E-Mail to pruefungsbuero@chemie.fu-berlin.de

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

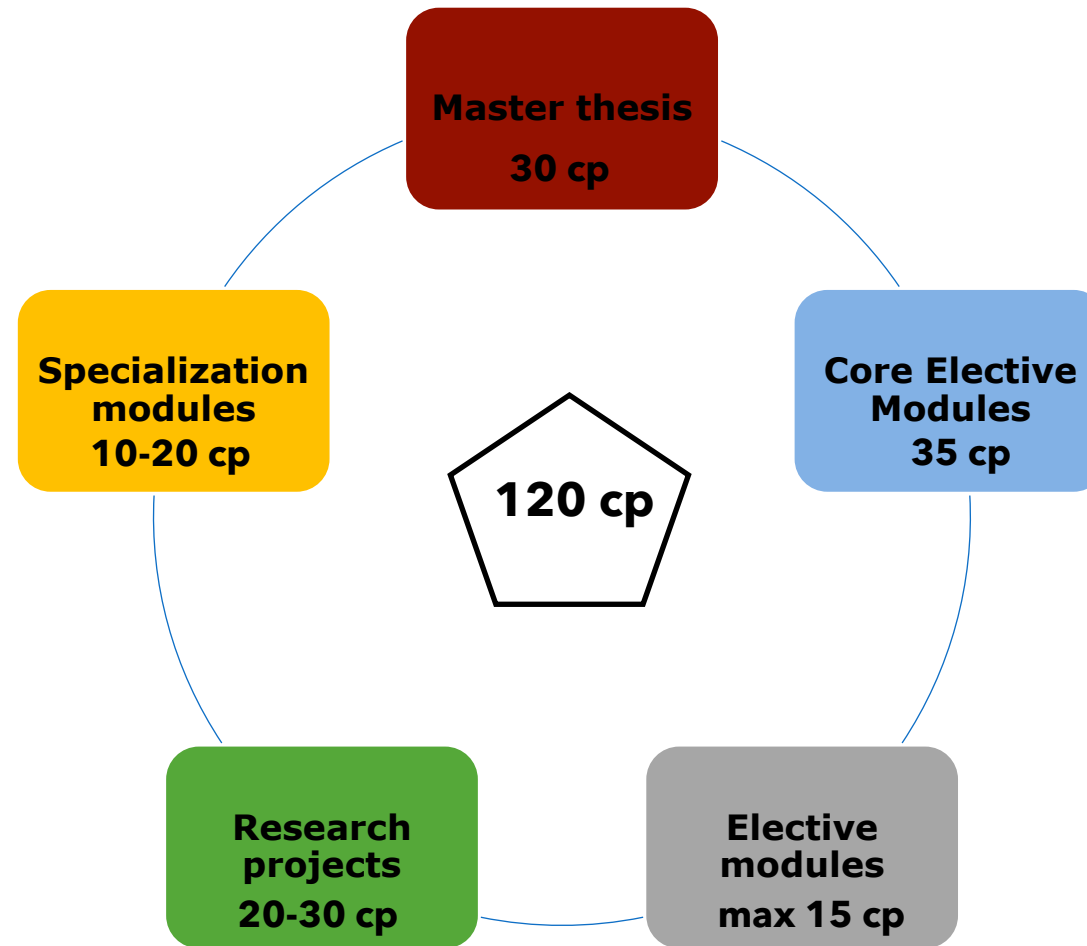
Different modules:

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

Not necessary to do it on 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

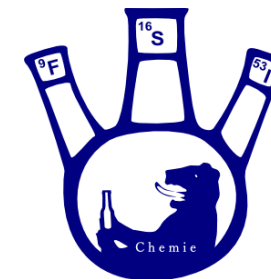
Research projects 20 - 30 cp

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
1 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	
2 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	
3 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	
4 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

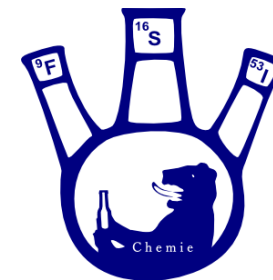
Repeating an exam:

- 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: 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:

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

Campus Management:

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



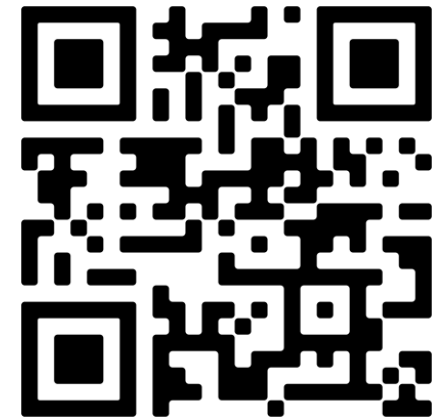
Online resources



Blackboard

Course material from the professor and tutors

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



Online resources

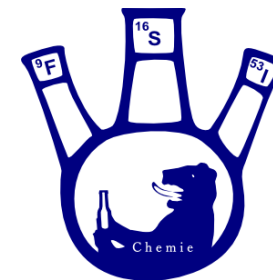


Primo - Literature search engine

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

ze|dat|

<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

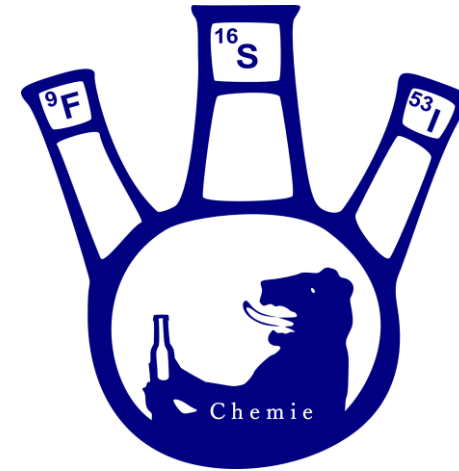


Student association in Chemistry (FSI)



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



Follow us on
Instagram

@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

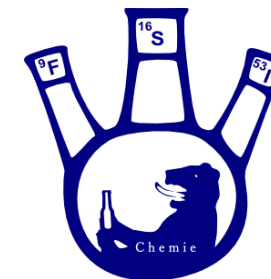
Student-Service-Center (SSC):

- 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: 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 (parlament 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 color)





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:

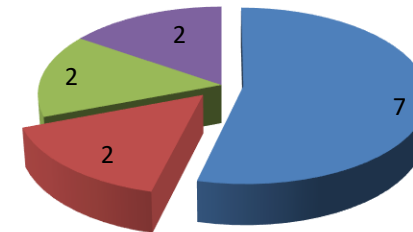
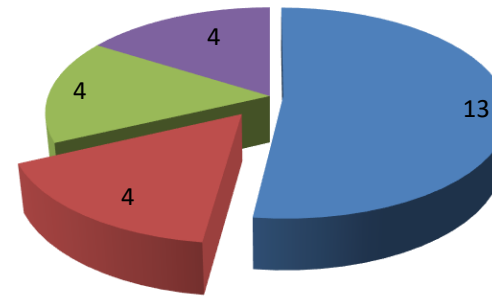
- Dean: Prof. Dr. Paulus
- Superior teaching, remittal of constitutions, study- and examination, regulations, appointments, habilitation etc.

Institute council:

- Managing director: Prof. Dr. Christmann
- All affairs, relate to property procedures at the institute: jobs, 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)

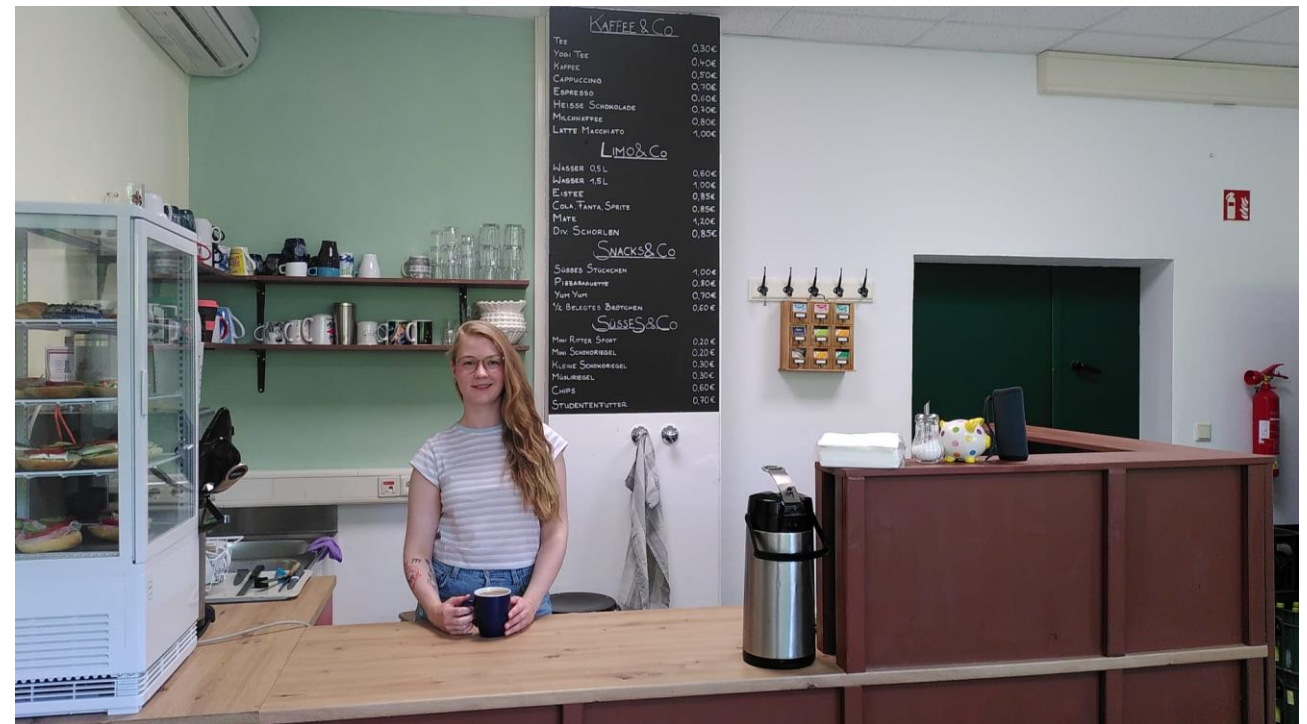
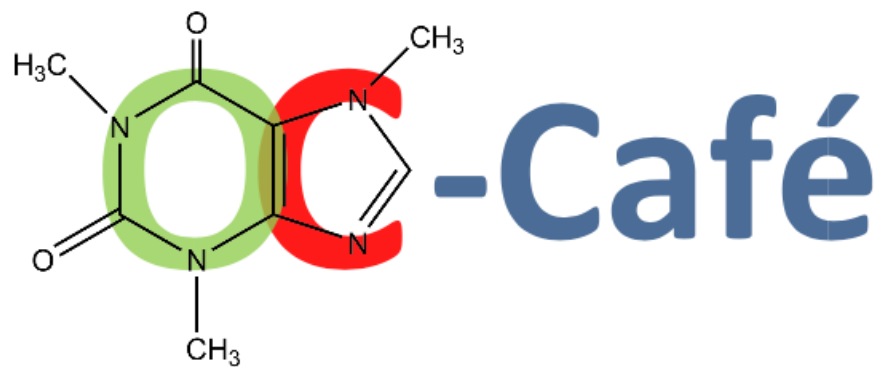


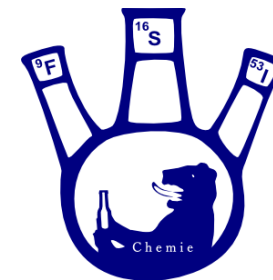
OC-Café



- 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?
