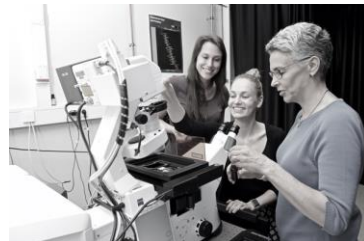
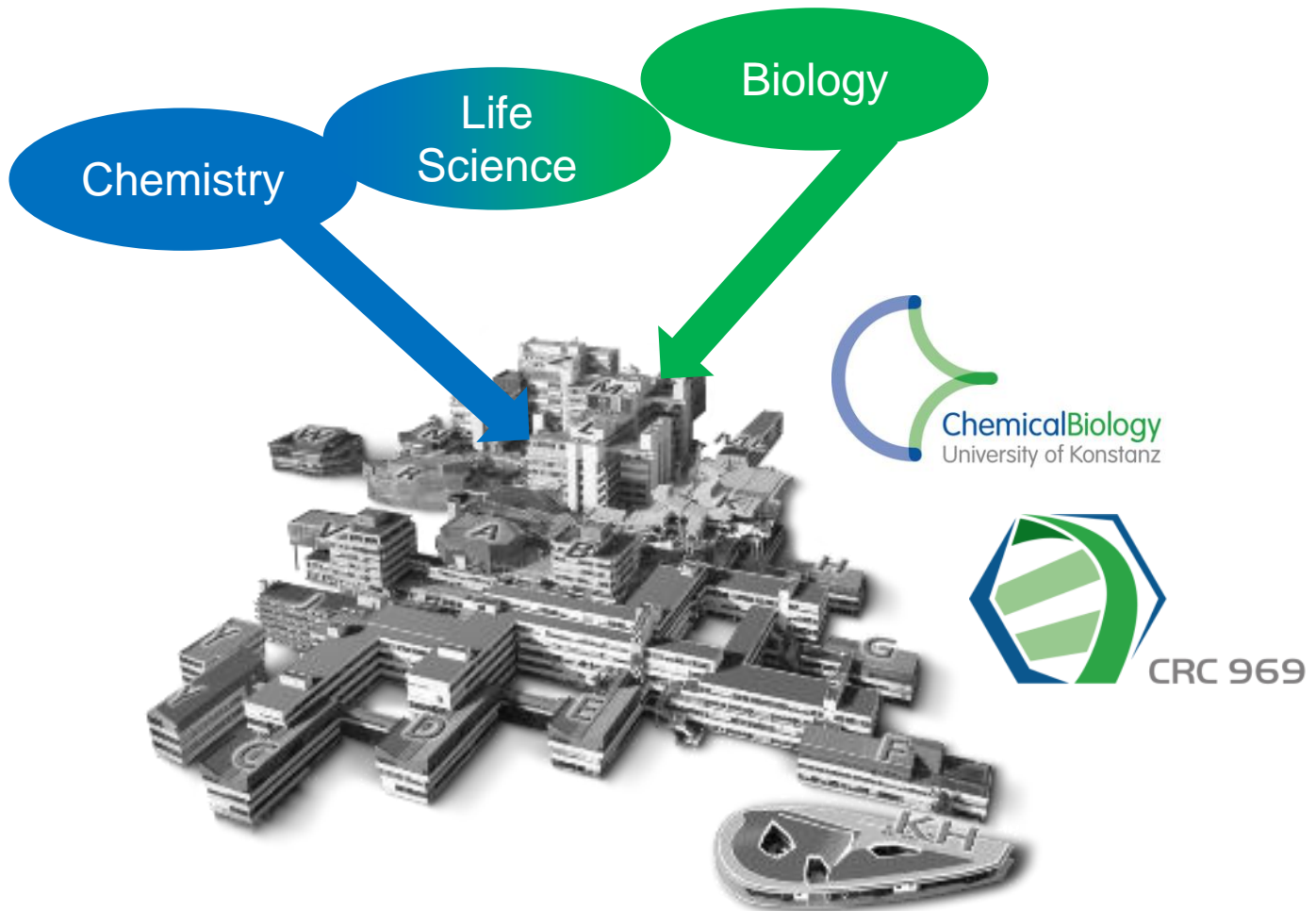


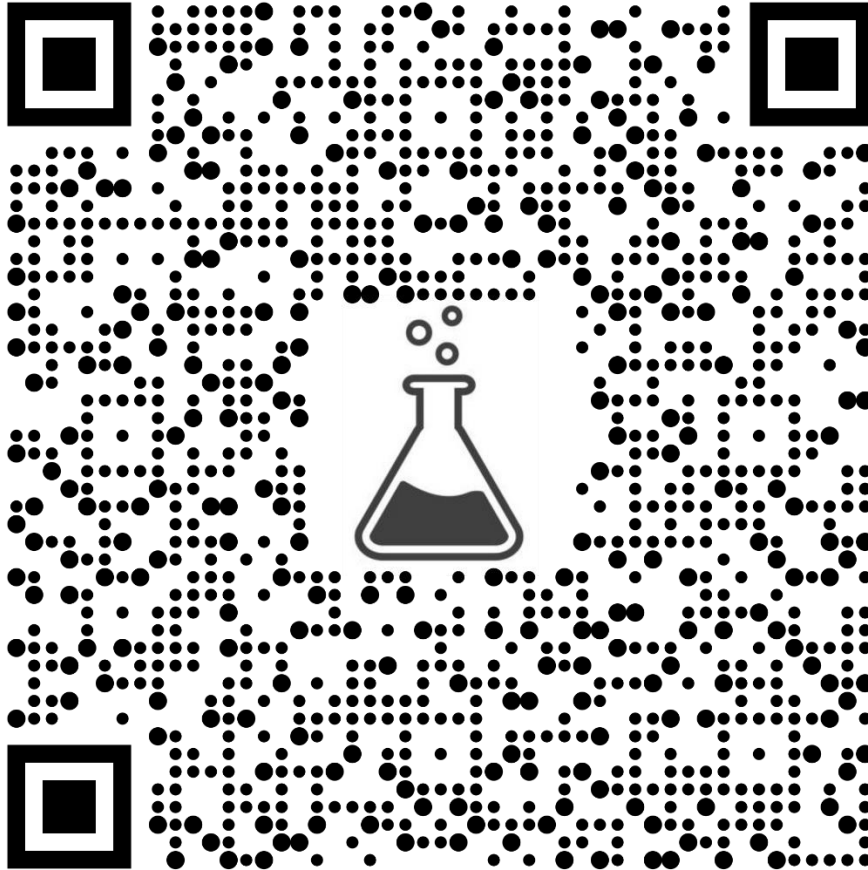
**Welcome to the  
Master Studies in ...**  
• ... **Life Science**



# Life Science in Konstanz



# Life Science in Konstanz

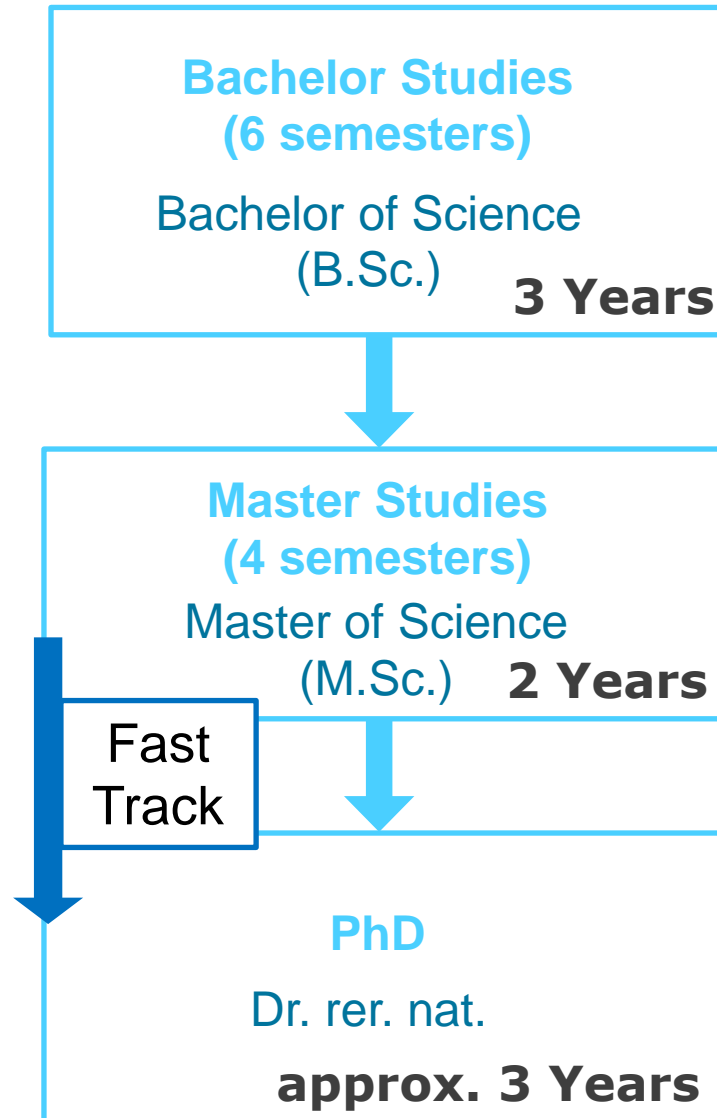


Most important:

All information + slides + FAQs can be found on the Life-Science Homepage of the Department of Chemistry

<https://www.chemie.uni-konstanz.de/studium/master-of-science/life-science/>

## Now the fun part begins ...



# Topics

- For newcomers
- General study options
- Choosing your Biology and Chemistry courses (Schwerpunkt-/Vertiefungskurse)
- Professional Internship (Berufspraktische Tätigkeit)
- Oral Master exams
- Master Thesis
- Fast Track

# General: New to Uni Konstanz?

## Welcome ceremony for new students

Monday, 14 October 2024, at 04.00 pm at R 711



# **General: New to Uni Konstanz?**

## **Planning your studies – choosing courses**

Intro to Central Enrolment and Study Portal ZEuS

**October 17, 15:00 – 16:30, online here**

<https://uni-konstanz-de.zoom.us/j/93611741771?pwd=Wjn4QvDsNzlgxekM0PNcYounsHYvlo.1>

Kenncode: 036814

or

wiki for Central Enrolment and Study Portal ZEuS

[https://de.zeus-wiki.uni-konstanz.de/wiki/ZEuS\\_Infos\\_f%C3%BCr\\_Erstsemester](https://de.zeus-wiki.uni-konstanz.de/wiki/ZEuS_Infos_f%C3%BCr_Erstsemester)

or

[zeus-support@uni-konstanz.de](mailto:zeus-support@uni-konstanz.de)

# ECTS

<b>Modules (Biology / Chemistry / Others)</b>	<b>60 ECTS</b>
<b>Practical work experience</b>	<b>10 ECTS</b>
<b>Oral master's examination</b>	<b>10 ECTS</b>
<b>Master's thesis</b>	<b>30 ECTS</b>
<b>Thesis defence</b>	<b>10 ECTS</b>
<b>Total</b>	<b>120 ECTS</b>



## Modules: Options

**Focus Biology:** 45 ECTS biology / 15 ECTS chemistry

**Focus Chemistry:** 45 ECTS chemistry / 15 ECTS biology

**No focus:** 30 ECTS chemistry / 30 ECTS biology

**Up to 12 ECTS outside chemistry/ biology** (can replace credits from biology / chemistry courses BUT the „General Requirements“ (see next slide) need to be fulfilled):

6 ECTS from anywhere (e.g. SLI, sustainable development...)

6 ECTS from natural sciences (informatics, physics)

**All courses have to be graded to be eligible!**

## Modules: Options

### General Requirements: absolute minimum of:

15 ECTS in Biology  $\triangleq$  1 Advanced Biology course „VTK“ (including lab course)

Or 3 x 5 ECTS from VTK lectures

12 ECTS in Chemistry  $\triangleq$  1 Advanced Chemistry course (including lab course)

Or 2 x 6 ECTS from chemistry advanced course lectures

**It is not possible to take only small courses worth 3 or 4 ECTS, minimum of 15 ECTS in VTKs and 12 ECTS from Advanced Chemistry courses!!!**

# Planning your studies – choosing courses

## Chemistry department:

- courses are chosen for each semester (enrole for lecture courses in ZEuS)

## Biology department:

- courses with practical parts (labs) are chosen only **once** at the beginning of your Master program!
- other biology courses are chosen each semester (register on ZEuS)

**Deadline** for choosing Master courses in the Chemistry Department:

**November 30, 2024**

registration via ZEUS (6 ECTS courses only)

## Options: Biology

### **Advanced Courses in Biology (Vertiefungskurse, VTKs):**

- 5 ECTS lecture, 10 ECTS lab
- courses on ZEuS (link is [here](#))
- Details can be found in module handbook ([here](#)), VTK presentation ([here](#))
- Grade: exam / paper presentation + internship report for the laboratory part

**Information session for VTK courses** of the **Biology Department** and **FAQ:**

**15.10.2024, 11:45, R712**

See <https://www.chemie.uni-konstanz.de/en/studies/master-of-science/information-for-first-year-students/>

**Choice of VTK courses** with lab part in the **Biology Department:**

**18.10.2024, 13:30 - 18:30, M629**

**Invitation will follow (e-mail from Fachschaft Biologie)**

## Options: Chemistry

### **Advanced Courses Chemistry (Schwerpunktkurse):**

- 6 ECTS lecture plus optional 6 ECTS lab course
- description in module handbook [here](#), video after login [here](#)

### **Additional courses offered by the Department of Chemistry**

- on the website ([here](#))

Grade: exam (oral or written) + internship report for the laboratory part

**Information session on the advanced courses** of the **Chemistry Department:**

**16.10.2024, 14:00 – 17:00, R611**

- Please register for the courses on ZEuS **until November 30!**
- in case of doubt: register for more courses than you plan to take
- lecturers will provide lectures and additional information and materials on ILIAS
- **Registration for internship with lecturer: no guarantee for lab course**

Zeit	Montag	Dienstag	Mittwoch	Donnerstag	Freitag
<b>08.15 - 09.45</b>		Dispersion Colloids in Research and Industry  Wittemann L 829	Advanced Physical Chemistry  Zumbusch M 628	Dispersion Colloids in Research and Industry  Wittemann L 829	
<b>10.00 - 11.30</b>	Industrial Chemistry and Renewable Resources  Mecking / Göttker L 602 ab 07.01.2025	Advanced Organic Chemistry Gaich / Wittmann L 602 ab 05.11.2024  Gene Expression and Replication Betz / Funck L 602 ab 07.01.2025		Advanced Organic Chemistry Gaich / Wittmann L 602 ab 05.11.2024  Gene Expression and Replication Betz / Funck L 602 ab 07.01.2025	Advanced Organic Chemistry Gaich / Wittmann L 602 ab 05.11.2024  Gene Expression and Replication Betz / Funck L 602 ab 07.01.2025
<b>11.45 - 13.15</b>	Biocatalysis - Enzyme Discovery, Mechanism, Engineering  Barra / Funck L 602	Industrial Chemistry and Renewable Resources  Mecking / Göttker L 602 ab 06.01.2025	Industrial Chemistry and Renewable Resources  Mecking / Göttker L 602 ab 06.01.2025	Biocatalysis - Enzyme Discovery, Mechanism, Engineering  Barra / Funck M 630	Advanced Physical Chemistry  Zumbusch L 829
<b>13.30 - 15.00</b>	Biophysical Chemistry  Hauser L 829		Chemistry of construction materials  Ruiz Agudo L 601	Biophysical Chemistry  Hauser L 829	Chemistry of construction materials  Ruiz Agudo L 601
<b>15.15 - 16.45</b>	Nobel Prizes in Natural Sciences Kovermann L 829  Organometallic chemistry in the synthesis of complex molecules Gaich M 630		Advanced Organic Chemistry Gaich / Wittmann L 602 ab 05.11.2024  Gene Expression and Replication Betz / Funck L 602 ab 07.01.2025	Advanced Element-Organic Chemistry  Winter L 601	

# Professional Internship (Berufspraktische Tätigkeit)

- duration: 2 months
- internship in a (private) company
  - or: in a public institution (e.g. a research institute, another university; also during an international exchange stay)
  - or: internship in a research group at the University of Konstanz
- clear distinction from master thesis or lab course is compulsory
- Find an internship yourself, experience of others here: <https://www.uni-konstanz.de/studieren/beratung-und-service/career-service/chemie-unternehmensuebersicht/>
- Start your search early (~1 year ahead)
- After internship: enter experience at link above, forward the confirmation mail to [fachbereich.chemie@uni.kn](mailto:fachbereich.chemie@uni.kn) together with proof of your internship

## Master exams

- All 60 ECTS from courses have to be entered in ZEuS on examination date!
- two examiners from two lecture courses (**only Biology VTKs / Advanced Chemistry courses (i.e. only courses worth 5 or 6 ECTS are eligible)**)
- You organize an examination date with lecturers
- Register for exam! Form: <https://www.chemie.uni-konstanz.de/en/advice-and-service/translate-to-englisch-dokumente-und-formulare-downloads/> to [fachbereich.chemie@uni.kn](mailto:fachbereich.chemie@uni.kn)
- in total 60 minutes duration



# The Master thesis

- duration 6 months (9 months upon application, <https://www.chemie.uni-konstanz.de/beratung-und-service/downloads/>)
- independent research project in one of the research groups
- 1. reviewer ... supervisor
- 2. reviewer ... make a proposal / appointed by the examination board (StPa)
  
- Is it possible to do my master work externally?  
Yes, but you have to find an internal supervisor

# Forms

[Department of Chemistry](#)

## Documents and Forms (Downloads)

Department

Research

Studies

Advice and Service

Fachschaft Chemie

Advice and Service →

Online Consultation

Contact us

Documents and Forms (Downloads)

Studying in special circumstances

[Course Directory WS 2022/2023](#)

[Course Directory SS 2022](#)

[Form Medical Certificate \(for Exams\)](#)

[Request for the Acceptance of External Courses](#)

[Form of Discharge for Master / PhDs at Department of Chemistry](#)

## Studies Master Chemistry

[Time table winter term 2022/23 \(PDF, 67 KB\)](#)

[Module Guide \(PDF, 778 KB\)](#)

[Application for admission to the next master's examination \(PDF, 400 KB\)](#)

<https://www.chemie.uni-konstanz.de/en/advice-and-service/translate-to-englisch-dokumente-und-formulare-downloads/>

## Master thesis: Fast track option

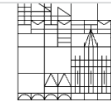
- skip master thesis and start immediately with your PhD studies
- Master degree after handing in and presenting your 6-months report
- register after your Master exams
- Prerequisites?                      BA-Grade 1,8 or better, or best 15%  
                                                 MA-Grade 1,3 or better

# Questions

Fachbereich Chemie

## Häufige Fragen (FAQ)

Universität  
Konstanz



Fachbereich    Forschung    Studium    Beratung und Service    Angebote für Schüler/innen

Fachbereich Chemie > Studium > Master of Science > Life Science > Häufige Fragen (FAQ)

Chemie +

## Häufige Fragen (FAQ)

Life Science -

Bewerbung

Fachbereich    Forschung    Studium    Beratung und Service    Angebote für Schüler/innen

Studium Master Life Science

Fachbereich Chemie > Fachbereich > FAQ zum Semesterbetrieb

Masterkurse

ILIAS, Lehrveranstaltungen,  
StudS, ZEuS

## FAQ zum Semesterbetrieb

Karriere

[Häufige Fragen \(FAQ\)](#)



### Master Life Science

Bianca Schell

Room: L835

Phone: +49 7531 88-4529

E-Mail: [master-life-science@uni-konstanz.de](mailto:master-life-science@uni-konstanz.de) ✉

<https://www.chemie.uni-konstanz.de/en/studies/master-of-science/life-science/faq/>

<https://www.chemie.uni-konstanz.de/fachbereich/faq-zum-semesterbetrieb/>

**Thank you for your  
attention!**

**Further questions?**

- Have a look at the FAQ

Get in touch with [master-life-science@uni-konstanz.de](mailto:master-life-science@uni-konstanz.de)

