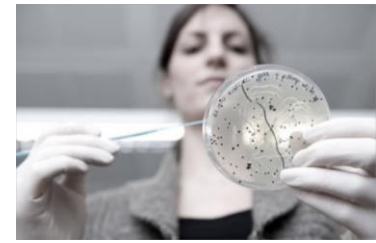
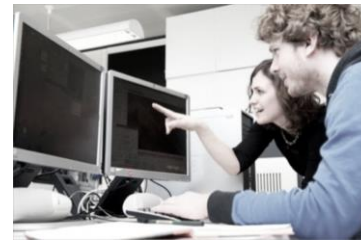
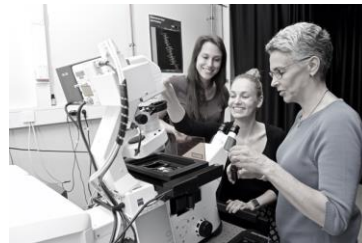
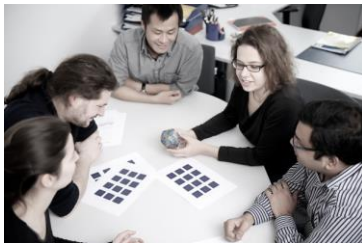
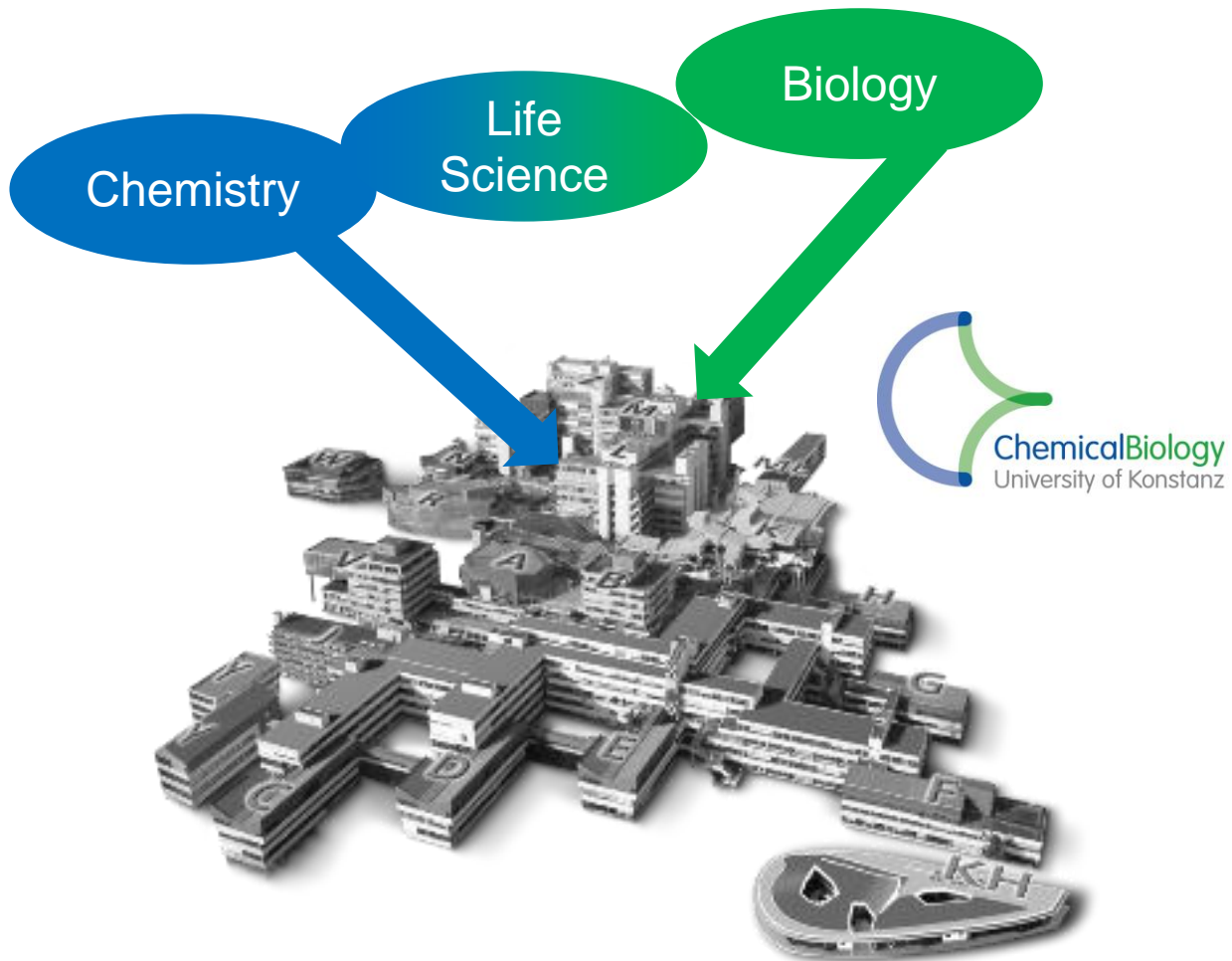


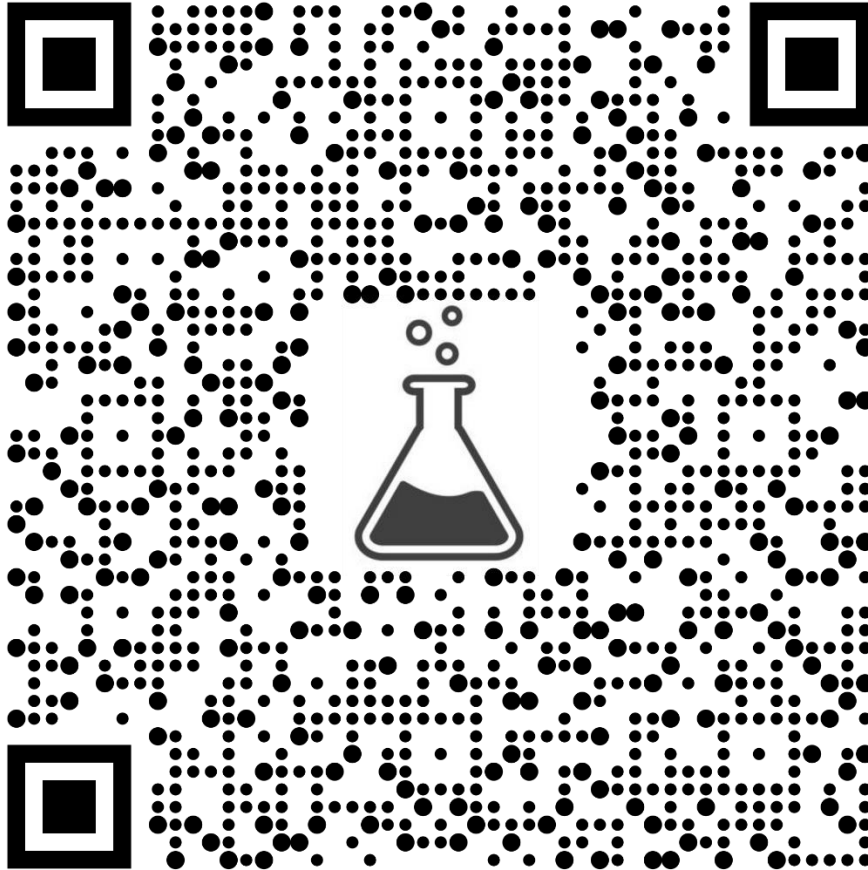
**Welcome to the
Master Studies in ...
... Life Science**



Life Science in Konstanz



Life Science in Konstanz

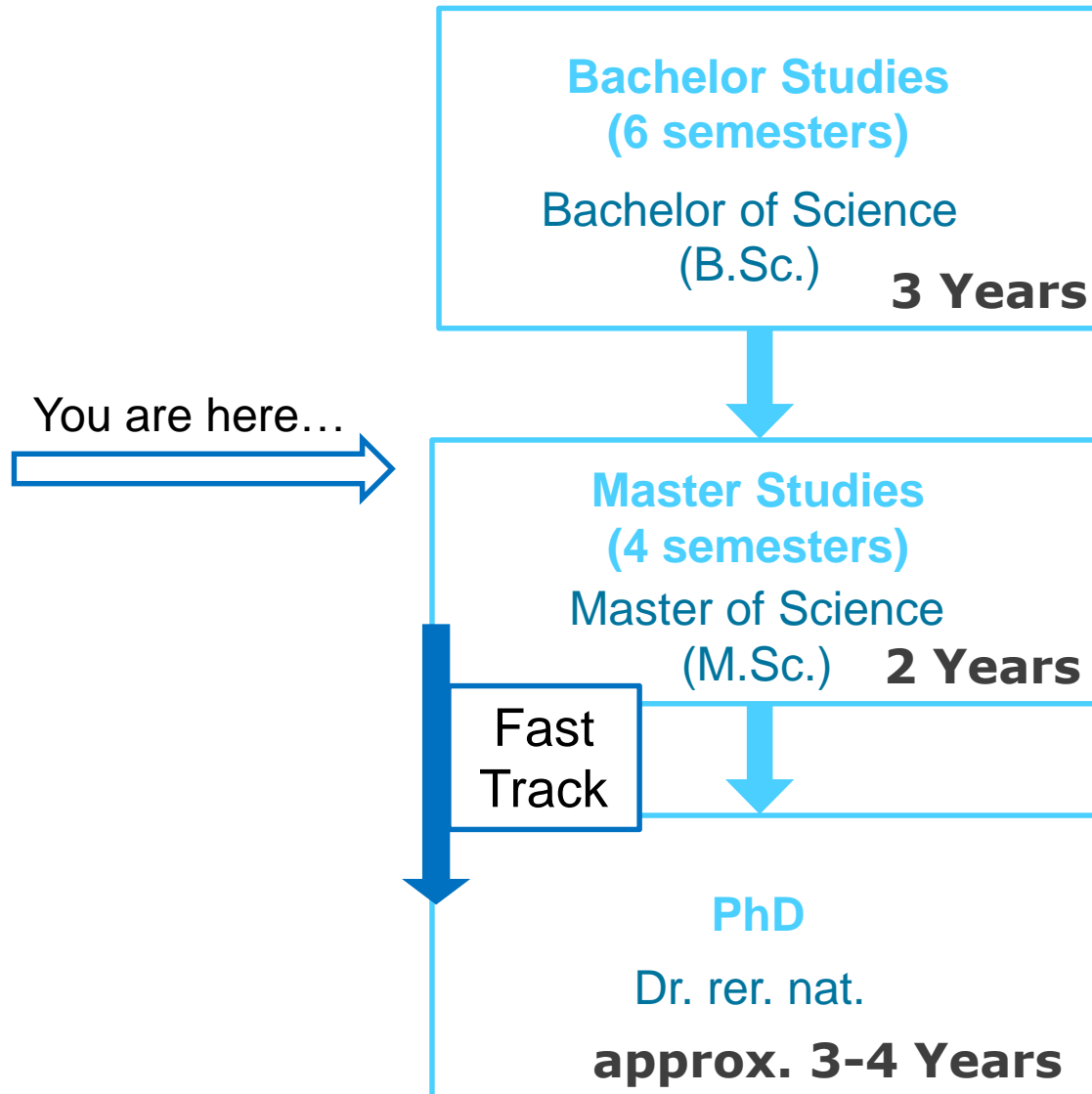


Most important:

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

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

What about ECTS?

Modules/Coursework (Biology / Chemistry / Others)	60 ECTS
Practical work experience	10 ECTS
Oral Master's examinations	10 ECTS
Master's thesis	30 ECTS
Thesis defence	10 ECTS
Total	120 ECTS

What about my module 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 other natural sciences (informatics, physics)

All courses have to be graded in order to count!

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 three VTK lectures

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

or 2 x 6 ECTS from the Chemistry advanced course lectures program

It is not possible to take only small courses worth 3 or 4 ECTS.

An absolute minimum of 15 ECTS from VTKs in Biology and 12 ECTS from

Advanced Chemistry courses must be earned!!!

Planning your studies – choosing courses

General: New to Uni Konstanz?

wiki for Central Enrolment and Study Portal ZEuS

https://de.zeus-wiki.uni-konstanz.de/wiki/ZEuS_Infos_f%C3%BCr_Erstsemester

or

zeus-support@uni-konstanz.de

Planning your studies – choosing courses

Chemistry department:

- courses are chosen for each semester (register 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:

May 01, 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](#)) and a video ([here](#))
- Grade: exam / paper presentation + internship report for the laboratory part

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

27.03.2024, 1.30 pm, R513

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

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

05.04.2024 15:00 - 17:30 Uhr R 511 + R 611

Invitation will follow (e-mail from Fachschaft Biologie)

Options: Chemistry

Advanced Courses Chemistry (Schwerpunktkurse):

- 6 ECTS lecture plus optional 6 ECTS lab
- 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

- Please register for the courses on ZEUS **until May 1st!**
- in case of doubt: register for more courses than you plan to take
- lecturers will provide lecture slides and additional information and materials on ILIAS
- **!!! Registration for internship with Lecturer !!!**

Zeit	Montag	Dienstag	Mittwoch	Donnerstag	Freitag
08.15 - 09.45					
10.00 - 11.30	Computational Chemistry Peter Z 1003	Biopolymer Chemistry (Nucleic Acids, Carbohydrates, Proteins) Marx/Wittmann R 511 16.04. - 03.05. 2024		Biopolymer Chemistry (Nucleic Acids, Carbohydrates, Proteins) Marx/Wittmann R 512 16.04. - 03.05. 2024	High-Resolution NMR Kovermann M 701
11.45 - 13.15	Molecular Spectroscopy Zumbusch M 628	Synthesis and Properties of Functional Materials Mecking/Göttker L 829		Synthesis and Properties of Functional Materials Mecking/Göttker L 601	Biopolymer Chemistry (Nucleic Acids, Carbohydrates, Proteins) Marx/Wittmann R 512 16.04. - 03.05. 2024
13.30 - 15.00			High-Resolution NMR Kovermann L 601	Computational Chemistry Peter L 829	
15.15 - 16.45	Synthesis of natural products and drugs Gaich L 601		Biopolymer Chemistry (Nucleic Acids, Carbohydrates, Proteins) Marx/Wittmann R 512 16.04. - 03.05. 2024	Molecular Spectroscopy Zumbusch L 602	
17.00 - 18.30	Synthesis of natural products and drugs Gaich 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 research stint)
- or: Internship in a research group at the University of Konstanz
 - BUT:** clear distinction from Master thesis or course internship (see slides 12 and 13) is compulsory

What about the Master exams?

- 2 lecture courses (**only Biology / Chemistry courses worth 5 / 6 ECTS are eligible**)
- two examiners
- in total 60 minutes duration

Which topics can I choose from?

- Master courses (from Biology and / or Chemistry, Vertiefungs- and Schwerpunktkurse, independent of laboratory parts, „no small“ 1-4 ECTS courses)

How does the Master thesis work?

- duration 6-9 months (upon application)
- independent research project in one of the research groups
- 1. reviewer ... supervisor
- 2. reviewer ... make a proposal / appointed by the examination board (StPa)

- final colloquium (requirement: all 60 ECTS from courses)

- Is it possible to do my master work externally?
Yes, but you have to find an internal supervisor

Where do I find the 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 \(PDF, 100 KB\)](#)

Master thesis: Fast track option

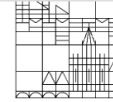
- skip master thesis and start immediately with your PhD studies
- Master degree after handing in and presenting your 6-months report
- register after your Master exams
- Prerequisites?
 - BA-Grade 1,8 or better, or best 15%
 - MA-Grade 1,3 or better

Any 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,
StudIS, ZEuS

FAQ zum Semesterbetrieb

Karriere

[Häufige Fragen \(FAQ\)](#)



Master Life Science

Bianca Schell

Raum: L 804

Tel.: (07531) 88-4529

E-Mail: bianca.schell@uni-konstanz.de

**Thank you for your
attention!**

Further questions?

- Have a look at the FAQ

Get in touch with master-life-science@uni-konstanz.de

