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

Most important:

Homepage Department of Chemistry
all information + slides + FAQ

https://www.chemie.uni-konstanz.de/studium/master-of-science/life-science/
Planning your studies – choosing courses

General: New to Uni Konstanz?
Intro to Central Enrolment and Study Portal ZEuS
October 24, 3:30 - 4:30 pm, R513 or online here

Ersti Uni RALLYE
Donnerstag 19.10. um 10:00 Treffpunkt Bushaltestelle
Interaktive Führung durch die Uni mit den wichtigsten Anlaufstellen
Now the fun part begins …

Bachelor Studies (6 semesters)
Bachelor of Science (B.Sc.) 3 Years

Master Studies (4 semesters)
Master of Science (M.Sc.) 2 Years

Fast Track

PhD
Dr. rer. nat.
approx. 3 Years
Topics

- General study options
- Choosing your courses (Schwerpunkt-/Vertiefungskurse)
- Professional internship (Berufspraktische Tätigkeit)
- Oral Master exams
- Master thesis
- Fast Track
Options

**General requirements, minimum of:**

15 ECTS in biology $\triangleq$ 1 advanced biology course (VTK)

12 ECTS in chemistry $\triangleq$ 1 advanced chemistry course (not possible to only take little courses of 3 or 4 ECTS, minimum of 2 advanced chemistry courses)

**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 biology / chemistry ECTS BUT „general requirements“ need to be fulfilled):

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

6 ECTS in natural sciences (informatics, physics)

! All courses have to be graded!
### ECTS

<table>
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<tr>
<th>Component</th>
<th>ECTS</th>
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<tbody>
<tr>
<td>Modules (biology / chemistry / others)</td>
<td>60</td>
</tr>
<tr>
<td>Practical work experience</td>
<td>10</td>
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<tr>
<td>Oral master's examination</td>
<td>10</td>
</tr>
<tr>
<td>Master's thesis including thesis defence</td>
<td>30</td>
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<td>Total</td>
<td>120</td>
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Planning your studies – choosing courses

Chemistry department:
- courses are chosen each semester (register for lectures in Zeus)

Biology department:
- courses with practical parts 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, 2023**

registration via ZEUS (6 ECTS courses only)
Options: Biology

Advanced courses biology (Vertiefungskurse):

- 5 ECTS lecture, 10 ECTS lab
- courses on ZeUS (link is [here](#))
- description in module book ([here](#)), video ([here](#)), more courses
- Grade: exam / paper presentation + internship report for the laboratory part

Information session for VTK courses of the Biology Department:

17.10.2023, 11.45 am, R712

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

20.10.2023, 13:30-14:00, M629 and online
Link will follow (e-mail from Fachschaft Biologie)
Options: Chemistry

Advanced courses chemistry (Schwerpunktkurse):

- 6 ECTS lecture plus optional 6 ECTS lab
- description in module book [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 **November 30, 2023**
- in case of doubt: register for more courses than you plan to take
- lecturers will provide lectures and additional information on ILIAS
- !!! Registration for internship with Lecturer !!!
<table>
<thead>
<tr>
<th>Zeit</th>
<th>Montag</th>
<th>Dienstag</th>
<th>Mittwoch</th>
<th>Donnerstag</th>
<th>Freitag</th>
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<tbody>
<tr>
<td>08.15 - 09.45</td>
<td>Dispersion Colloids in Research and Industry Wittmann L 829</td>
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<td>13.30 - 15.00</td>
<td>Biophysical Chemistry Drescher L 829</td>
<td>Nanochemistry and -analytics Cöllen L 601</td>
<td>Biophysical Chemistry Drescher L 829</td>
<td>Nanochemistry and -analytics Cöllen L 601</td>
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<td>17.00 - 18.30</td>
<td>Working with scientific data: significance, handling &amp; case studies Kovernmann/ Hütten-Sumowski/ Blumerachen/ Reichelt</td>
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<td>online, ohne feste Termin</td>
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Professional internship (Berufspraktische Tätigkeit)

- duration: 2 months
- internship in a (private) company
- or: Internship 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 course internship is compulsory)
Master exams

- 2 topics
- two examiners
- in total 60 minutes duration

Which topics can I choose from?

- master courses (biology and/or chemistry, Vertiefungs- and Schwerpunktkurse, independent of laboratory parts, "no little" 1-4 ECTS courses)
The Master thesis

- 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
Master thesis: Fast track option

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

FAQ zum Semesterbetrieb

Master Life Science

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Tel.: (07531) 88-4529

E-Mail: master-life-science@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
Ersti Uni RALLYE

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