Dr. Paulina Helmecke
Teaching Development

M.Sc.
Life Science
Your hosts for today

Dr. Paulina Helmecke
Teaching Development

Dr. Andrea Niederwieser
School laboratory manager
On chat to answer your questions:

Dr. Anja Zitt
Departmental Administrator
Questions

During the presentations, you can use the chat function to get in touch with each other and the question box to contact our departmental student advisor.
Lake Constance – Border Triangle
Faculties and Departments

Faculty of Sciences
- Mathematics and Statistics
- Computer and Information Science
- Physics
- Chemistry
- Biology
- Psychology

Faculty of Humanities
- Philosophy
- History and Sociology
- Literature
- Linguistics

Faculty of Politics, Law and Economics
- Politics and Public Administrations
- Law
- Economics

Study Programmes
27 Bachelor's Programmes (major)
19 Bachelor's Programmes (minor)
31 Master's Programmes
Excellence Initiative since 2007

Cluster of Excellence
"Cultural Foundations of Social Integration"

Konstanz Research School
"Chemical Biology"

Graduate School of
"Decision Sciences"

Institutional Strategy
"Model Konstanz – Towards a Culture of Creativity"

In the current German Excellence Strategy programme, three of four research cluster initiatives have been invited to submit full proposals.
Department of Chemistry

- Chairs: 21
- PhD-students: ca. 160
- Students: ca. 720

Head of Department

Prof. Dr. Valentin Wittmann
Organische und Bioorganische Chemie

Dean Life Science

Prof. Dr. Jörg Hartig
Biopolymerchemie
# Professors: Department of Chemistry

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Klaus Boldt</td>
<td>Physikalische Chemie</td>
<td>Department of Chemistry</td>
</tr>
<tr>
<td>Dr. Thomas Böttcher</td>
<td>Biologische Chemie</td>
<td>Department of Chemistry</td>
</tr>
<tr>
<td>Prof. Dr. Helmut Cölfen</td>
<td>Physikalische Chemie</td>
<td>Department of Chemistry</td>
</tr>
<tr>
<td>Prof. Dr. Malte Drescher</td>
<td>Physikalische Chemie</td>
<td>Department of Chemistry</td>
</tr>
<tr>
<td>Prof. Dr. Tanja Gaich</td>
<td>Organische Chemie</td>
<td>Department of Chemistry</td>
</tr>
<tr>
<td>Dr. Denis Gebauer</td>
<td>Physikalische Chemie</td>
<td>Department of Chemistry</td>
</tr>
<tr>
<td>Prof. Dr. Jörg Hartig</td>
<td>Biopolymerchemie</td>
<td>Department of Chemistry</td>
</tr>
<tr>
<td>Prof. Dr. Karin Hauser</td>
<td>Biophysikalische Chemie</td>
<td>Department of Chemistry</td>
</tr>
<tr>
<td>JProf. Dr. Michael Kovermann</td>
<td>Magnetische Resonanzpektroskopie</td>
<td>Department of Chemistry</td>
</tr>
<tr>
<td>Prof. Dr. Christine Peter</td>
<td>Theoretsche und Computergestützte Chemie</td>
<td>Department of Chemistry</td>
</tr>
<tr>
<td>Prof. Dr. Sebastian Polarz</td>
<td>Festkörperchemie: Anorganische Funktionsmaterialien</td>
<td>Department of Chemistry</td>
</tr>
<tr>
<td>JProf. Dr. Andreas Lorbach</td>
<td>Anorganische Chemie</td>
<td>Department of Chemistry</td>
</tr>
<tr>
<td>Dr. Elena Sturm</td>
<td>Physikalische Chemie</td>
<td>Department of Chemistry</td>
</tr>
<tr>
<td>Prof. Dr. Andreas Marx</td>
<td>Organische Chemie / Zelluläre Chemie</td>
<td>Department of Chemistry</td>
</tr>
<tr>
<td>Prof. Dr. Rainer Winter</td>
<td>Anorganische Chemie: Metalorganische Chemie</td>
<td>Department of Chemistry</td>
</tr>
<tr>
<td>Prof. Dr. Alexander Wittemann</td>
<td>Koloidchemie</td>
<td>Department of Chemistry</td>
</tr>
<tr>
<td>Prof. Dr. Stefan Mecking</td>
<td>Chemische Materialwissenschaft</td>
<td>Department of Chemistry</td>
</tr>
<tr>
<td>Prof. Dr. Valentin Wittmann</td>
<td>Organische und Bioorganische Chemie</td>
<td>Department of Chemistry</td>
</tr>
<tr>
<td>Prof. Dr. Gerhard Müller</td>
<td>Anorganische Chemie mit Schwerpunkt Chemie</td>
<td>Department of Chemistry</td>
</tr>
<tr>
<td>Prof. Dr. Andreas Zumbusch</td>
<td>Physikalische Chemie</td>
<td>Department of Chemistry</td>
</tr>
</tbody>
</table>
Professors: Department of Biology
## M.Sc. Life Science at a glance

<table>
<thead>
<tr>
<th>Category</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Degree</strong></td>
<td>Master of Science</td>
</tr>
<tr>
<td><strong>Programm start</strong></td>
<td>Winter semester &amp; Summer Semester</td>
</tr>
<tr>
<td><strong>Period of study</strong></td>
<td>4 semesters</td>
</tr>
<tr>
<td><strong>Admission restrictions</strong></td>
<td>yes (40/10 places)</td>
</tr>
<tr>
<td><strong>ECTS</strong></td>
<td>120</td>
</tr>
</tbody>
</table>
Life Science is an interdisciplinary study programme, which equally builds on chemistry and biology.
Curriculum

Variant A

Variant B
main study focus: biology

Variant C
main study focus: chemistry

Internship → Oral master exam → Master thesis and colloquium
Why study Life Science in Konstanz?

“Excellent training for excellent research: study Life Science in Konstanz where chemistry and biology are not only scientifically close.”

Prof. Dr. Jörg Hartig, Dean of the Life Science Programme
Our strengths

- Interdisciplinary approach
- Small groups
- Top-rate research
- Excellent infrastructure
- Studying at the lake 😊
Admission requirements

• Above-average university degree in life science or a related subject with obvious links to life science.

• Documentation of your English language skills (minimum level B2)
Career prospects

- Biotechnological or industrial research and production
- Basic research and applied research
- Quality control and patent offices
- Project management and marketing
- Environmental agencies or consulting companies
- Environmental protection
Advisory service

Need advice? Contact us

Dr. Anja Zitt
Tel.: (07531) 88-2686
anja.zitt@uni-konstanz.de

Dr. Roland Kissmehl
Tel.: (07531) 88-2414
fb-referent.bio@uni-konstanz.de
Thank you for your attention.