## Lecture Schedule for Master’s Program in Chemistry and Molecular Sciences

**Fall semester 2022**

**Weeks 1-14, beginning September 19th, 2022**

### Specializations

<table>
<thead>
<tr>
<th>a Chemical Biology</th>
<th>g General Chemistry</th>
</tr>
</thead>
<tbody>
<tr>
<td>b Sustainable Chemistry</td>
<td>pure Electives (gray)</td>
</tr>
<tr>
<td>c Advanced Synthesis</td>
<td></td>
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<tr>
<td>d Nuclear and Radiochemistry</td>
<td></td>
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<tr>
<td>e Spectroscopy of Materials</td>
<td></td>
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</tbody>
</table>

### Monday

<table>
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<tr>
<th>Time</th>
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</table>
| 08:15-09:00 | Weeks 1-7  
a Supramolecular Chemistry and Applications of Lipids  
Prof. P.-A. Monnard  
N213  
1.5 ECTS |
| 09:15-10:00 | Weeks 8-14  
e+g Molecular Electronics  
PD Dr. Shi-Xia Liu  
N213  
1.5 ECTS |
| 10:15-11:00 | Weeks 1-7 (10-12 am)  
c+e+g Advanced NMR I  
Prof. J. Furrer  
N213  
1.5 ECTS |
| 11:15-12:00 | Weeks 8-14 (10-12 am)  
Clinical Chemistry and Laboratory Medicine – An Introduction  
Dr. C. Fuhrer  
N213  
1.5 ECTS |

### Tuesday

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Clinical Chemistry and Laboratory Medicine – An Introduction  
Dr. C. Fuhrer  
N213  
1.5 ECTS |

### Wednesday

<table>
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<th>Time</th>
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</table>
| 08:15-09:00 | Weeks 1-14  
d+g Nuclear / Radiochemistry  
Prof. A. Türler  
Prof. R. Eichler  
N213  
3 ECTS |
| 09:15-10:00 | Weeks 1-14  
e+g Chemical Crystallography  
PD Dr. S. Grabowsky  
S481  
3 ECTS |
| 10:15-11:00 | Weeks 1-14  
e+g Chemical Crystallography  
PD Dr. S. Grabowsky  
S481  
3 ECTS |
| 11:15-12:00 | Weeks 1-14  
e+g Synthesis of Natural Products  
Prof. P. Renaud  
S379  
3 ECTS |

### Thursday

<table>
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d+g Nuclear / Radiochemistry  
Prof. A. Türler  
Prof. R. Eichler  
N213  
3 ECTS |
| 09:15-10:00 | Weeks 1-14  
e+g Chemical Crystallography  
PD Dr. S. Grabowsky  
S481  
3 ECTS |
| 10:15-11:00 | Weeks 1-14  
e+g Synthesis of Natural Products  
Prof. P. Renaud  
S379  
3 ECTS |
| 11:15-12:00 | Weeks 1-14  
e+g Synthesis of Natural Products  
Prof. P. Renaud  
S379  
3 ECTS |

### Friday

<table>
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<tr>
<th>Time</th>
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</table>
| 08:15-09:00 | Weeks 1-14  
e+g Principles of Nucleic Acids  
Prof. R. Häner  
Dr. S. Langenegger  
EG16  
1.5 ECTS |
| 09:15-10:00 | Weeks 1-14  
e+g Basic Medicinal Chemistry  
Prof. R. Häner  
EG16  
1.5 ECTS |

### Specializations

- **Chemical Biology**
- **Sustainable Chemistry**
- **Advanced Synthesis**
- **Nuclear and Radiochemistry**
- **Spectroscopy of Materials**
- **General Chemistry**
- **Electives (gray)**
Under each lecture it is mentioned in which specialization (a, b, c, d, e, g) the course can be accredited as core subject course. The gray marked lectures are not assigned to any specialization and always count as electives.

You will find the **exam dates** on the exam schedules on this website:

https://www.philnat.unibe.ch/studium/studienprogramme/master_chemie_und_molekulare_wissenschaften/index_ger.html#pane35277

Please register for the exams through KSL (as of the beginning of the semester).

The **digital lecture plan** provides you with all the details regarding the various lectures. It can be found here:

http://www.philnat.unibe.ch/studies/study_programs/master_s_in_chemistry_and_molecular_sciences/index_eng.html#pane35265

**Electives**: Besides the electives from the chemistry program of the DCB, you can also choose courses from the Molecular Life Science master’s program or the Physics master’s program at the University of Berne or from the Chemistry master’s program of the University of Fribourg.

Molecular Life Science master’s program
Physics master’s program

In accordance with the director of studies it is even possible to visit master courses from other Universities and to have them accredited. In this case please contact the student administration office in room S358.