### Specializations

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

### Lecture Schedule for Master's Program in Chemistry and Molecular Sciences
**Fall semester 2023**
**Weeks 1-14, beginning September 18th, 2023**

#### Mondays
- 08:15 - 09:00
  - Weeks 8-14
  - a+g Molecular Electronics
    - PD Dr. Shi-Xia Liu
    - N213
    - 1.5 ECTS
  - b+g Nuclear / Radiochemistry
    - Prof. A. Türler
    - Prof. R. Eichler
    - N213
    - 3 ECTS

#### Tuesdays
- 08:15 - 09:00
  - Weeks 1 + 3-7 (10-12 am)
  - c.e+g Advanced NMR
    - Prof. J. Furrer
    - N213
    - 3 ECTS
  - b+g Chemical Crystallography
    - PD Dr. S. Grabowsky
    - S481
    - 3 ECTS

#### Wednesdays
- 08:15 - 09:00
  - Weeks 1-14
  - d+g Environmental Radionuclides and Nuclear Dating
    - Prof. S. Szidat
    - S481
    - 1.5 ECTS

#### Thursdays
- 08:15 - 09:00
  - Weeks 1-7
  - a+g Principles of Nucleic Acids
    - Prof. R. Häner, Dr. S. Langenegger
    - EG16
    - 1.5 ECTS

#### Fridays
- 08:15 - 09:00
  - Weeks 1-7
  - e+g Supramolecular Chemistry and Applications of Lipids
    - Prof. P.-A. Monnard
    - N213

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Please note that the above schedule is an example and may vary depending on the specific semester and program.
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.htm
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 DCBP, 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.