

Lecture Schedule for Master's Program in Chemistry and Molecular Sciences

Fall semester 2024

Weeks 1-14, beginning September 16th, 2024

Specializations

a Medicinal Chemistry and Chemical Biology
b Advanced Synthesis and Sustainability
c Spectroscopy and Materials
pure Electives (gray)

	Monday	Tuesday	Wednesday	Thursday	Friday
08:15 - 09:00	Weeks 8-14 c Molecular Electronics PD Dr. Shi-Xia Liu		Weeks 1-14 b + c Sustainable Electrochemistry Prof. P. Broekmann	Weeks 1-14 c Nuclear / Radiochemistry Prof. A. Türlér	
09:15 - 10:00	N213 1.5 ECTS		Dr. D. Reber S481 3 ECTS	Prof. R. Eichler N213 3 ECTS	
10:15 - 11:00	Weeks 1 + 3-7 a, b + c Advanced NMR Prof. J. Furrer	Weeks 1 + 3-7 (plus Wed 6.11. 13:15-15:00, S379) a, b + c Advanced NMR Prof. J. Furrer	Weeks 1-14 c Chemical Crystallography PD Dr. S. Grabowsky		Weeks 1-7 a Principles of Nucleic Acids Prof. R. Häner, Dr. S. Langenegger
11:15 - 12:00	N213 3 ECTS	N213	S481 3 ECTS		EG16 1.5 ECTS
12:15 - 13:00					Weeks 1-14 c Specialist Course - Introduction to Medical Radiation Physics Prof. P. Scampoli Prof. S. Braccini B001 ExWi
13:15 - 14:00	Weeks 1-7 b Applied Mass Spectrometry Prof. S. Schürch	Weeks 1-14 c Advanced Spectroscopy - non-linear properties, lasers, time-resolved spectroscopy Prof. N. Banerji, Dr. D. Tsokkou		Weeks 1-14 c Specialist Course - Introduction to Medical Radiation Physics Prof. P. Scampoli Prof. S. Braccini B001 ExWi	
14:15 - 15:00	S379 1.5 ECTS	N213	Weeks 1-7 Scientific Writing Dr. O. Serkédi S379 2 ECTS	Prof. S. Braccini B001 ExWi 4 ECTS	
15:15 - 16:00	Weeks 1-3 and 5-14 (plus Fri, 20.9. all day) b + c Operando Methods in Sustainable Chemistry and Catalysis Dr. O. Safonova	Weeks 1-14 a Chemical Biology I Dr. S. Javor S465 (on 3.12. in N213) 3 ECTS		Weeks 1-14 b + c Introduction to the Physics and Chemistry of Surfaces Prof. R. Fasel	
16:15 - 17:00	N213 3 ECTS			N213 3 ECTS	

Under each lecture it is mentioned in which specialization (a, b, c) 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 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.