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

Fall semester 2025

Weeks 1-14, beginning September 15th, 2025

Specializations

a Medicinal Chemistry and Chemical Biology
b Advanced Synthesis and Sustainability
c Specstroscopy 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 N213 1.5 ECTS		Weeks 1-14 b + c **Sustainable Electrochemistry** Dr. D. Reber Dr. H. Rabiee S481 3 ECTS	Weeks 1-14 c **Nuclear / Radiochemistry** Prof. A. Türler Prof. R. Eichler N213 3 ECTS	Weeks 8-14 c **Environmental Radionuclides and Nuclear Dating** Prof. S. Szidat S481 1.5 ECTS
09:15 - 10:00					
10:15 - 11:00	Weeks 1 + 3-7 a, b + c **Advanced NMR** Prof. J. Furrer N213 3 ECTS	Weeks 1 + 3-7 (plus Wed 5.11. 13:15-15:00, S379) a, b + c **Advanced NMR** Prof. J. Furrer N213	Weeks 1-14 c **Chemical Crystallography** PD Dr. S. Grabowsky S481 3 ECTS	Weeks 4-14 b+c **Atomistic simulations of fluids and solids** Prof. S. Churakov Schulungs-raum 2.5 ECTS Weeks 1-14 c **Specialist Course - Introduction to Medical Radiation Physics** Prof. P. Scampoli Prof. S. Braccini Rooms see KSL/CTS	
11:15 - 12:00					
12:15 - 13:00					
13:15 - 14:00	Weeks 1-7 b **Applied Mass Spectrometry** Prof. S. Schürch 1.5 ECTS S379	Weeks 1-14 c **Advanced Spectroscopy - non-linear properties, lasers, time-resolved spectroscopy** Prof. N. Banerji, Dr. D. Tsokkou N213		Weeks 1-14 c **Specialist Course - Introduction to Medical Radiation Physics** Prof. P. Scampoli Prof. S. Braccini Rooms see KSL/CTS 4 ECTS	
14:15 - 15:00			Weeks 1-7 **Scientific Writing** Dr. O. Serkédi S379 2 ECTS		
15:15 - 16:00	Weeks 1-3 and 5-14 (Mon, 10.11. all day) b + c **Operando Methods in Sustainable Chemistry and Catalysis** Dr. O. Safonova 3 ECTS N213	Weeks 1-14 a **Chemical Biology II** Dr. S. Javor Dr. B. H. Gan U113 3 ECTS		Weeks 1-14 b + c **Introduction to the Physics and Chemistry of Surfaces** Prof. R. Fasel N213 3 ECTS	
16:15 - 17:00					

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.