

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

Fall semester 2020

Weeks 1-14, beginning September 14th, 2020

Specializations

a Chemical Biology	g General Chemistry
b Sustainable Chemistry	pure Electives (gray)
c Advanced Synthesis	
d Nuclear and Radiochemistry	
e Spectroscopy of Materials	

	Monday	Tuesday	Wednesday	Thursday	Friday
08:15 - 09:00	Only on 23.11. b,c+g Homogeneous Catalysis Prof. M. Albrecht Prof. F. Paradisi	Only on 24.11. (8-12) and 8.12. (9-12) Homogeneous Catalysis Prof. M. Albrecht Prof. F. Paradisi		Weeks 1-14 d+g Nuclear / Radiochemistry Prof. A. Türler Dr. R. Eichler N213 3 ECTS	
09:15 - 10:00	Prof. G. Licini N213 1.5	Prof. G. Licini N213 1.5			
10:15 - 11:00	Weeks 1-7 c,e +g Advanced NMR I PD Dr. J. Furrer 004, ground floor, Muesmattstrasse 29 1.5 ECTS		Weeks 1-14 e+g Chemical Crystallography PD Dr. S. Grabowsky S481 3 ECTS	Weeks 1-14 a, c+g Synthesis of Natural Products Prof. P. Renaud S379 3 ECTS	Weeks 1-14 b,e+g Introduction to the Physics and Chemistry of Surfaces Prof. R. Fasel N213 3 ECTS
11:15 - 12:00	Weeks 8-14 Clinical Chemistry and Laboratory Medicine – An Introduction Dr. C. Fuhrer 004, ground floor, Muesmattstrasse 29 1.5 ECTS				Weeks 1-7 a+g Principles of Nucleic Acids Prof. R. Häner EG16 (mit Ausnahme s. KSL) 1.5 ECTS Weeks 8-14 a+g Basic Medicinal Chemistry Prof. R. Häner EG16 1.5 ECTS
12:15 - 13:00					Weeks 1-14 d+g Specialist Course - Introduction to Medical Radiation Physics Prof. P. Scampoli Prof. S. Braccini B001 ExWi
13:15 - 14:00	Weeks 1-7 g Applied Mass Spectrometry Prof. S. Schürch 1.5 ECTS S379	Weeks 1-14 e+g Advanced Spectroscopy - non-linear properties, lasers, time-resolved spectroscopy Prof. N. Banerji N213 3 ECTS	Weeks 1-14 a+g Chemical Biology I Prof. J.-L. Reymond, Dr. S. Javor S481 3 ECTS	Weeks 1-14 b+g Applied Electrochemistry Prof. P. Broekmann EG16 (17.9.+1.10 S481) 3 ECTS	
14:15 - 15:00	Weeks 4-14 d+g Geochronology and Isotope Geochemistry Prof. T. Nägler, Prof. D. Rubatto, Prof. K. Mezger room see KSL/CTS 3 ECTS on 14.12. from 13:00-15:00			Weeks 8-14 g Scientific Writing Dr. O. Serkédi S379 2 ECTS	Weeks 1-14 d+g Specialist Course - Introduction to Medical Radiation Physics Prof. P. Scampoli Prof. S. Braccini B001 ExWi 4 ECTS
15:15 - 16:00	Weeks 1-14 b,e+g Computational Chemistry Prof. U. Aschauer (class of 23.11. will be moved to 25.11. 8-10) N213	Weeks 1-14 b+g Heterogeneous Catalysis and Sustainable Chemistry Prof. M. Arenz N213 3 ECTS	Only on 25.11. Homogeneous Catalysis Prof. M. Albrecht Prof. F. Paradisi Prof. G. Licini N213		

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16:15 - 17:00	3 ECTS Only on 23.11. Homogeneous Catalysis Prof. M. Albrecht Prof. F. Paradisi Prof. G. Licini N213							
17:15 - 18:00								
18:15 - 19:00								

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.