

MSc Drug Sciences

Autumn semester 2025
15.9. – 19.12.2025

Compulsory courses	Elective courses [°]	<i>Elective courses[°] required for specialization in Toxicology</i>
--------------------	-------------------------------	-------------------------------------------------------------------------------

1st – 6th semester week 15/09 – 24/10/2025

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8.15 – 9.00	28939 Molecular and Pathologic Basis of Disease (P. Moulin)	28937 Early Safety Assessment and Alternatives to Animal Testing, 3Rs (A. Roth/A. Odermatt)		46377 Molecular Modeling in Drug Design (M. Lill)	18580 Information Retrieval (O. Potterat)
9.15 – 10.00					
10.15 – 11.00	60033 Special Topics in Drug Discovery and Development (G. Weckbecker/A. Odermatt)	15386 Mechanisms of Drug Action (D. Ricklin)	44814 Target Validation and Identification of Modulators in Immunopharmacology (T. Junt)	28938 Drug and Bioanalytics (J. Huwyler)	
11.15 – 12.00					
12.00 – 13.15					76078 Genetic Appr. in Biomedical Research (R. Lindberg)
13.15 – 14.00	28934 Cancer: Basics, Cause and Therapy (A. Odermatt)	44812 Mechanisms of Toxicity (J. Bouitbir)	65721 Nanomedicine (S. McNeil)		
14.15 – 15.00					
15.15 – 16.00	28941 Biostatistics and Experimental Planning (G. Duran-Pacheco)	44816 Industrial Pharmacy (M. Puchkov)	28942 Animal Experimentation for Regulatory Purposes (M. Deurinck)	14438 Clinical Chemistry (K. Rentsch)	44817 Concepts of Medicinal Chemistry (A. Mayweg/A. Odermatt)
16.15 – 17.00				14446 Geschichte der Pharmazie (Ph. Wanner)	
				72495 Geschichte der Pharmazie (Übungen) (Ph. Wanner)	
17.15 – 18.00				75973 Novel Innovations and Breakthroughs in DDD (R. Teufel)	

7th semester week 27/ - 31/10/2025: Examination week (no lectures)

8th - 13th semester week 3/11 – 12/12/2024 (no lectures: 28/11/2025: Dies Academicus)

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8.15 – 9.00	28939 Molecular and Pathologic Basis of Disease (P. Moulin)	46374 <i>Chemical Risk Assessment</i> (M. Wilks)		46377 Molecular Modeling in Drug Design (M. Lill)	
9.15 – 10.00					
10.15 – 11.00	60033 Special Topics in Drug Discovery and Development (G. Weckbecker/A. Odermatt)	15386 Mechanisms of Drug Action (D. Ricklin)	14429 Development of Therapeutic Antibodies (D. Ricklin)	28938 Drug and Bioanalytics (M. Schwarz)	
11.15 – 12.00					
12.00 – 13.15					76078 Genetic Appr. in Biomedical Research (R. Lindberg)
13.15 – 14.00	28934 Cancer: Basics, Cause and Therapy (A. Odermatt)	29950 Clinical Toxicology (Y. Schmid)	14431 Natural Toxins, and Toxin Producing Organisms (R. Teufel)	15384 Bioactive Compounds in Food Plants and Nutraceuticals (O. Potterat)	
14.15 – 15.00					44817 Concepts of Medicinal Chemistry (A. Mayweg/A. Odermatt)
15.15 – 16.00	28941 Biostatistics and Experimental Planning (G. Duran-Pacheco)	44816 Industrial Pharmacy (M. Puchkov)	28942 Animal Experimentation for Regulatory Purposes (M. Deurinck)	14446 Geschichte der Pharmazie (Ph. Wanner)	
16.15 – 17.00				72495 Geschichte der Pharmazie (Übungen) (Ph. Wanner)	
17.15 – 18.00				75973 Novel Innovations and Breakthroughs in DDD (R. Teufel)	

14th semester week 15/ – 19/12/2025: Examination week (no lectures)

(Additional examination dates January 2026, cp. overview:

<https://pharma.unibas.ch/en/education/assessments-and-credit-points/continuous-assessments/>

Good Clinical Practice (C.D. No. [45395](#), Ch. Burri):**td** (Prior registration in autumn semester 2025 required)

Elective courses: 15 CP, of which 11 CP must be obtained from courses offered by the Faculty of Natural Sciences of the University of Basel.