

# Master Drug Sciences

## Course schedule 1<sup>st</sup> semester autumn 2023

Compulsory courses	Elective courses <sup>o</sup>	<i>Elective courses<sup>o</sup> required for specialization in Toxicology</i>
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### 1<sup>st</sup> – 6<sup>th</sup> semester week (18/09 – 27/10/2023)

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8.15 – 9.00	60033 Special Topics in Drug Discovery and Development (G. Weckbecker/A. Odermatt)	28937 Early Safety Assessment and Alternatives to Animal Testing, 3Rs (A. Roth/A. Odermatt)		44816 Industrial Pharmacy (M. Puchkov)	18580 Information Retrieval (O. Potterat)
9.15 – 10.00					
10.15 – 11.00	28939 Molecular and Pathologic Basis of Disease (P. Moulin)	15386 Mechanisms of Drug Action (D. Ricklin)	44814 Targets and Therapeutics in Immune Pharmacology (T. Junt)	28938 Drug Delivery and Targeting (J. Huwyler)	
11.15 – 12.00					
12.00 – 13.15					68840 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)		44817 Concepts of Medicinal Chemistry (A. Mayweg/A. Odermatt)
14.15 – 15.00					
15.15 – 16.00	28941 Biostatistics and Experimental Planning (G. Duran-Pacheco)	46377 Molecular Modeling in Drug Design (M. Lill)	28942 Animal Experimentation for Regulatory Purposes (M. Deurinck)	14438 Clinical Chemistry (K. Rentsch)	
16.15 – 17.00					
17.15 – 18.00			68839 Drug Sciences (SDS) (D. Ricklin)	14446 Geschichte der Pharmazie (Ph. Wanner)	

### 7<sup>th</sup> semester week (30/10 – 3/11/2023): Examination week (no lectures)

### 8<sup>th</sup> - 13<sup>th</sup> semester week (6/11 – 15/12/2023) (no lectures: 24/11/2023: Dies Academicus)

TIME	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
8.15 – 9.00	60033 Special Topics in Drug Discovery and Development (G. Weckbecker/A. Odermatt)	46374 Chemical Risk Assessment (M. Wilks)		44816 Industrial Pharmacy (M. Puchkov)	68840 Genetic Appr. in Biomedical Research (R. Lindberg)
9.15 – 10.00					
10.15 – 11.00	28939 Molecular and Pathologic Basis of Disease (P. Moulin)	15386 Mechanisms of Drug Action (D. Ricklin)	14429 Development of Therapeutic Antibodies (D. Ricklin)	28938 Drug Delivery and Targeting (J. Huwyler)	
11.15 – 12.00					
12.00 – 13.15					
13.15 – 14.00	28934 Cancer: Basics, Cause and Therapy (A. Odermatt)	29950 Clinical Toxicology (Y. Schmid)	15384 Bioactive Compounds in Food Plants and Nutraceuticals (O. Potterat)	14431 Natural Toxins, and Toxin Producing Organisms (R. Teufel)	44817 Concepts of Medicinal Chemistry (A. Mayweg/A. Odermatt)
14.15 – 15.00					
15.15 – 16.00	28941 Biostatistics and Experimental Planning (G. Duran-Pacheco)	46377 Molecular Modeling in Drug Design (M. Lill)	28942 Animal Experimentation for Regulatory Purposes (M. Deurinck)		
16.15 – 17.00					
17.15 – 18.00			68839 Drug Sciences (SDS) (D. Ricklin)	14446 Geschichte der Pharmazie (Ph. Wanner)	

### 14<sup>th</sup> semester week (18/12 – 22/12/2023): Examination week (no lectures)

(Additional examination dates January 2024, cp. overview:

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

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.