GGNB: Short Methods Courses & Method Seminars; Extended Methods Courses
Program October 2025 - March 2026 (winter semester 2025/26)

- Registration possible two months before the course month -   [Link to EXA](#)

IMPORTANT:

1) Check the detailed course descriptions in UniVZ or Stud.IP before signing up as some courses require pre-work / follow-up work or have an unusual duration! 2) Participation is binding. Cancellation is only possible via the GGNB Office (NOT via contacting the trainer directly) with a) sick certificate, or b) statement by supervisor for science reasons. If you do not provide this, you will be excluded from courses for the next 12 months, as well as travel grants and other financial support. No exceptions.

By signing up you agree (1) to carefully check in advance whether you will be able to attend the course (e.g. do not register for 2 courses taking place on the same dates - the above mentioned sanctions apply!), (2) to frequently check your student e-mail account, as all information on courses will exclusively be sent to that account; (3) that your name and e-mail address may be forwarded to the course instructor(s) for communication before and after the course; (4) to complete the course evaluation; (5) inform us if you no longer wish to maintain a waiting list position; (6) that you only receive credits for attending the entire workshop - you will not get partial credits for part-time attendance.

Department/Group	Supervisor(s)	EXA ID	ID	Title of Course	Credits	Status	Date
Biochemistry							
Feußner, Ivo	Herrfurth, Cornelia	340045	A 016	Introduction to lipid analysis	1.0	**Presence**	23-25 Mar 2026
Tittmann, Kai	Fabian Rabe v. Pappenheim	340018	A 064	Principles and methods of protein purification by chromatography	1.0	**Presence**	10-11 Nov 2025
Molecular Biology & Genetics							
Pöhlmann, Stefan	-	350058	A 160	Molecular Biology of HIV replication and pathogenesis	2.0	**Presence**	Thursdays, starting from 30 Oct 2025
Pöhlmann, Stefan	Michael Winkler, Markus Hoffmann	340221	A 171	Viral transduction systems	1.5	**Presence**	4-6 Nov 2025
Jakobs, Stefan	Daniel Jans	340459	A 260	STED nanoscopy and immunolabeling	1.0	**Presence**	7-8 Oct 2025
Hörandl, Elvira	Antje Menster	340037	A 304	Evolutionary Genomics of Biodiverse Reproductive Systems	1.0	**Presence**	7 Nov 2025 - 6 Feb 2026
Cell Biology & Microbiology, Imaging							
Mitkovski, Mišo	-	340066	A 098	Introduction to image processing in biology with ImageJ and FIJI	1.5	**ONLINE**	3-5 Dec 2025
Steinem, Claudia	Heike Conrad	340496	A 276	Hertha Sponer College Lecture Series	0.5	**Hybrid**	monthly, every 2nd Tuesday of a month, registration via heike.conrad@med.uni-goettingen.de
Roos, Christian	Liye Zhang, Lakshmi Seshadri	340322	A 291	Tracing demographic histories from NGS data	1.0	**CANCELLED**	3-4 Nov 2025
Roos, Christian	Liye Zhang, Lakshmi Seshadri	340323	A 292	Tracing selective sweeps in NGS data	1.0	**CANCELLED**	10-11 Nov 2025
Bouter, Yvonne	Caroline Bouter	340022	A 301	Translational Imaging in Neurodegenerative Diseases: From Animal Models to Clinical Practice	1.0	**Presence**	**December 2025**
Gregor, Carola	Leonie Tomm	340046	A 305	HSC Course Bioluminescence Imaging	1.0	**Presence**	9-10 Oct 2025

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Molecular & Cellular Neuroscience, Electrophysiology							
Pardo, Luis	Walter Stühmer	340040	A 063	Patch clamp	1.5	**Presence**	12-14 Nov 2025
Rhee, Jeong Seop	-	340038	A 096	Nerve cell culture and patch-clamp recordings from nerve cells	1.0	**Presence**	9-10 Oct 2025
Fiala, André	Ismael Fernández Hernández	340319	A 216	Neuronal circuit dissection in Drosophila	1.5	**Presence**	8-10 Oct 2025
Möbius, Wiebke	-	340328	A 228	A practical introduction into electron microscopy	1.0	**Presence**	**tba**
Gärtner, Jutta	Susann Diegmann, Kolja Meier	340456	A 233	Next Generation Sequencing to identify the disease gene in unclear neurogenetic disorders	1.0	**Presence**	11-12 Mar 2026
Theoretical, Systems & Behavioral Neuroscience							
Wolf, Fred/ Wibral, Gollisch	-	530170	A 021	Theoretical and Computational Neuroscience: Collective Dynamics of Biological Neural Networks I	1.0	**Presence**	Fridays, starting from 7 Nov 2025
Antal, Andrea	Nicola Strenzke, Gerhard Hoch	340054	A 041	Auditory and visual evoked potentials	1.0	**CANCELLED**	6-7 Nov 2025
Antal, Andrea	-	340056	A 048	Transcranial magnetic- and electrical stimulation	1.0	**CANCELLED**	22 Oct 2025
Structural Biology							
Bennati, Marina	Luming Yang, Alexander van der Ham	340055	A 003	EPR-Spectroscopy	1.5	**Presence**	**tba**
Biophysics, Bioinformatics and Statistics							
Grubmüller, Helmut / de Groot, Bert	-	340387	A 024	Introduction to Molecular Dynamic Simulations	1.0	**Presence**	**tba**
de Groot, Bert/ Wörgötter Florentin	-	340166	A 025	Current Topics in Biophysics and Complex Systems - Lecture Series	1.0	**Presence**	Mondays, starting from 3 Nov 2025
Friede, Tim	Christian Röver	340061	A 100	Basic statistics for graduate students in the life sciences - an introduction using R	1.0	**Presence**	4-25 Nov 2025
Steinem, Claudia	Klaas Kock, Matthias Peters	340067	A 133	Using biosensors to study analyte-ligand interactions: basic principles and applications	0.5	**Presence**	22 Jan 2026
Grubmüller, Helmut / de Groot, Bert	-	340232	A 143	Theoretical and Computational Biophysics	2.0	**Presence**	Mondays, starting from 27 Oct 2025
Beißbarth, Tim/ Maksims Fiosins/ Posnien, Nico	-	340208	A 157	Next Generation Sequencing (NGS) – Analysis of RNAseq and ChIP-seq data	1.5	**Presence**	19-21 Nov 2025

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Biophysics, Bioinformatics and Statistics							
Janshoff, Andreas	Tabea Oswald	340235	A 169	Atomic Force Microscopy versatile tools to study surfaces and surface properties	0.5	**Presence**	13 Mar 2026
Jeschke , Markus	-	340464	A 265	Build your own experiments with Arduinos	1.5	**Presence**	22-24 Oct 2025
Mundry, Roger	Christian Schloegl	340497	A 277	Linear models and their application in R	4.5	**Presence**	9-29 Oct 2025
Rismondo, Jeanine	-	340542	A 290	Working with Geneious - from cloning to sequence data analysis	1.0	**ONLINE**	4-5 Feb 2026
Posnien, Nico	Siddarth Murali	340058	A 306	Bash for Biologists	0.5	**Presence**	7 Oct 2025
Vertebrate Animal Models							
Weber, Martin	Jasmin Ochs	340645	A 296	Animal models of multiple sclerosis I	1.0	**CANCELLED**	20-21 Oct 2025
Weber, Martin	Jasmin Ochs	340650	A 296	Animal models of multiple sclerosis II	1.0	**CANCELLED**	22-23 Oct 2025
Wirths, Oliver	-	340199	A 175	Neurodegenerative Diseases: Molecular pathology of Alzheimer's disease and relevant transgenic mouse models	1.0	**Presence**	**February 2026**
Bouter, Yvonne	-	340021	A 300	Animal models of Alzheimer's Disease	1.0	**Presence**	**November 2025**
Developmental Biology, Anatomy and Histology							
Lorenz, Verena / Braun, Andrea	-	340074	A 308	Histological techniques to study skin architecture and cutaneous diseases	1.0	**Presence**	9-10 Dec 2025
Python courses							
The university offers various courses on Python that PhD students may join:							
Wieder, Philip	-	502662	/	Einführung in Python für Data Scientists		Presence	Summer semester
Nobach, Holger	-	536420	/	Programmieren in Python		Presence	Summer semester
Geil, Burkhard	-	570940	/	Computergestützte Datenanalyse		Presence	Summer semester
Gipp, Béla	Lima Ruas, Terry	503496	/	Programming for Data Scientists: Python		Presence	Winter semester
Martin Suhm	Ricardo da Mata, Nils Lüttschwager	571370	/	Programmieren in Python		Presence	Winter semester