

GGNB Courses Winter Semester 2017/2018

UniVZ number	Course title	free slots
Methods courses		
340010	Introduction to transient kinetic methods	2
340038	Nerve cell culture and patch-clamp recordings from nerve cells	8
340040	Patch clamp	1
340045	Introduction to Lipid Analysis	5
340046	Reconstitution of neuronal exocytosis in a liposome fusion assay	2
340054	Auditory and visual evoked potentials	8
340055	EPR-Spectroscopy	5
340083	Orthologs and Paralogs - how they evolve and how to distinguish them	7
340085	Introduction to basic histology techniques	2
340087	Drosophila Neurogenetics	5
340166	Current Topics in Biophysics - Lecture Series	41
340170	Genotyping using FRET on the LightCycler	2
340211	Native membrane protein complex isolation	2
340219	In vitro and in vivo models for Parkinson's disease research	3
340227	Theoretical and Computational Biophysics	26
340236	Isolation of synaptic compartments for quantitative biochemical analysis	2
340240	Introduction to steady-state kinetics	3
340241	Microinjection in <i>Xenopus</i> embryos	2
340246	Next generation sequencing: Methods, Data Analysis and Applications	9
340247	Introduction into the bioinformatic analysis of next generation sequence data	4
340248	Teaching & Learning in Higher Education	1
340252	Programming and simulations in C	12
340261	Introduction to Data Science	2
340294	Principles of subcellular fractionation: Isolation and functional assay of synaptic vesicles and synaptosomes	4
340296	Advanced Computational Methods in Statistical Mechanics	24
340300	Reduced-representation NGS methods in phylogenomics and biogeography: RADseq & RNAseq	3
340301	Digital Image Processing	12
530170	Theoretical and Computational Neuroscience: Collective dynamics of biological neural Networks I	35
Skills Courses		
340101	Time Management in Doctoral Research. Aligning Time and Goals.	1
340141	Project management for young scientists. Taking off as a project pilot.	2
340118	Challenges and opportunities in management consulting - an interactive business simulation	4
340250	Women-only course: Self-defense and self-assertion for women	3
Industry Excursions		
340203	Industry Excursion: KWS Saat AG, Einbeck	14
340298	Industry Excursion: Abberior Instruments, Göttingen	2