



Course Program for the Winter Semester 2014/15

Lectures

Title	Faculty	Time and Place	ECTS	Core/ Advanced
Basic Neurobiology	Aertsen Driever Haas Mehring Metzger	October 27 – November 7 and December 2-5, 2014 Mon-Fri, 16-18 Room 00.023, Institute of Biology II/III, Schänzlestr. 1	2	Core
Systems' Physiology	Aertsen Bach Ball Egert Mehring Reiff Schmidt	November 10 – December 1, 2014 Mon-Fri, 16-18 Room 00.023, Institute of Biology II/III, Schänzlestr. 1	2	Core
Models of Neurons and Networks (interactive lecture)	Rotter	November 17 – December 5, 2014 Mon-Fri, 9-13 Lecture hall, BCF	7	Core
Biology for Engineers	Egert	October 21, 2014 – February 10, 2015 Tue, 10-12 Georges-Köhler-Allee 078, seminar room 00 014	2	Core

Courses

Title	Faculty	Time and Place	ECTS	Core/ Advanced
Scientific Programming in Python	Rotter Mehring	October 20 – November 7, 2014 Mon-Fri, 9-17 Computer Pool, BCF	7	Core
Building a Brain-Machine- Interface	Mehring	November 11 – December 19, 2014 Mon-Fri, 9-16 Mehring Lab, BCF	10.5	Core
Physiology of Living Brain Slices	Egert	December 2 – 19, 2014 Mon-Fri, 9-18 Egert Lab, Georges-Köhler-Allee 102	7	Core

Simulation of Biological Neuronal Networks	Morrison	December 8 – 19, 2014 Mon-Fri, 9-17 Computerlab, BCF	5	Core
Neurodevelopment	Driever	October 13, 2014 – January 30, 2015 Mon-Fri Driever Lab, Biology I	12	Core
Analysis and Models in Neurophysiology	Egert Mehring Rotter Schmidt	October 5 – 10, 2014 Sun-Fri, 9-18 Lecture hall and Computerlab, BCF	2	Advanced

Seminars

Title	Faculty	Time and Place	ECTS	Core/ Advanced
PhD and Postdoc Seminar	BCF PhD students and Postdocs	Tue, 17:15 Lecture hall, BCF	n/a	Mandatory for all BCF PhD students and Postdocs
Bernstein Seminar	Invited external speakers			
Journal clubs	All students, Postdocs and PIs	Different labs	n/a	Mandatory for all BCF PhD students and Postdocs
Current Research Topics in Systems Neuroscience	Egert Mehring Reiff Rotter	January 29 – 30, 2015 Thu-Fri, 9-17 Seminar room “Casino”, BCF	2	Advanced (“Oberseminar”)
Synaptic Plasticity	Vlachos	February 13, 2015 (possibly until February 14) Fri (-Sat), 9-16 Seminar room “Casino”, BCF Preparatory Meeting: 05.12.14, 14:00, BCF Please register via e-mail to Jannis Vlachos (ioannis.vlachos@bcf.uni-freiburg.de)	2	Advanced (“Oberseminar”)
Language and Brain	Aertsen Dittmann Jacob Raible Sippel	January 29 – 30, 2015 Thu-Fri, whole day Uni-Haus, Schauinsland Preparatory meeting: 23.10.14, 15:00, Seminar room “Casino”, BCF Please register via e-mail to Wolfgang Raible (raiblew@t-online.de)	2	Advanced (“Oberseminar”)

Neural Circuits and Behavior: Developmental Neurosciences and behavioral physiology	Driever Reiff Arrenberg Haikala	October 24, 2014 – February 13, 2015, Fri, 12:15 – 13:15 Biology I, seminar room 1051	2	Advanced ("Oberseminar")
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