KTH Neuroscience Course DD2401/DD3401

Day	Date	Location	8	9	10	11	12	13	14	15	16	17	Chapter in Purves
			Course introduction; Neuroanatomy, Cellular neurobiology										
Tue	Mar 29	KI							Course Intro, Biological & Computational Neuroscience	Overview: Neuroanatomy	Introduction to Cellular Neurobiology		1-4, Appendix
Fri	Apr 01	KI			Ion channels, membrane and action potentials								
Tue	Apr 05	KI			Lab 1 Computer Simulations				Neurotransmitters and receptors		Synaptic transmission		7-May
Fri	Apr 08	KTH			Neuron and synapse models								
			Sensory systems										
Tue	Apr 12	KI							Auditory, vestibular, smell and taste systems		Introduction Sensory Systems, Sensory Signal Transduction		9, 13-15
Fri	Apr 15	KI			Visual System								11-12
Tue	Apr 19	KI, KTH			Demonstration: Neuroanatomy - Sensory systems				Computational aspects of Sensory Systems				
			Motor system										
Fri	Apr 22	KI			Motor system, proprioception and reflexes			Postural control, locomotion					16-17
Tue	Apr 26	KI			Demonstration: Neuroanatomy - Motor system				Motor cortex, Basal Ganglia, Cerebellum				17-19
Fri	Apr 29	KI			Lab 2 EMG								
Tue	May 03	KTH							Computational aspects of Motor Control				
			Higher CNS functions										
Tue	May 10	KI							Cognition, Association cortex, Language				26, 27
Fri	May 13	KI			Learning, Memory, Synaptic plasticity								8, 24, 31
Tue	May 17	KTH							Computational aspects of Higher CNS Functions				
Fri	May 20	KI			Lab 3 EEG								
Tue	May 31	KTH: V21, V23							EXAM 13.00-16.00				

lecture at KI
lab, demo
lecture at KTH
exam

index for initials:

locations:

Period 4

Påskuppehåll

Period 4

Tentaperiod 4

http://www.kth.se/student/schema/1.1007

JH=Jeanette Hellgren
PW=Peter Wallén
GS=Gilad Silberberg
LB= Lennart Brodin
PÅ=Peter Århem
TD=Tatiana Deliagina
ML=Mia Lindskog
EF=Erik Fransén
PK=Patrik Krieger
GF=Gilberto Fisone
JN=Johanna Nilsson

LC=Lovisa Case
IPD=Iskra Pollack Doracic
JS=Jianren Song
CCB=Cristopher C. Berger
DM=Diana Mussgens
L-JH=Li-Ju Hsu
GG=Giovanni Gentile