

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 Hillarp						Course Intro, Biological & Computational Neuroscience	Overview: Neuroanatomy	Introduction to Cellular Neurobiology			1-4, Appendix
Fri	Apr 01	KI Farmakologen		Ion channels, membrane and action potentials									
Tue	Apr 05	KI Farmakologen		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 Farmakologen		Visual System									11-12
Tue	Apr 19	KI, KTH		Demonstration: Neuroanatomy - Sensory systems				Computational aspects of Sensory Systems					
Motor system													
Fri	Apr 22	KI Farmakologen		Motor system, proprioception and reflexes			Postural control, locomotion						16-17
Tue	Apr 26	KI Hillarp		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 Hillarp						Cognition, Association cortex, Language					26, 27
Fri	May 13	KI Gustaf Retzius		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				

	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	LC=Lovisa Case
PW=Peter Wallén	IPD=Iskra Pollack Doracic
GS=Gilad Silberberg	JS=Jianren Song
LB= Lennart Brodin	CCB=Cristopher C. Berger
PA=Peter Arhem	DM=Diana Mussgens
TD=Tatiana Deliagina	L-JH=Li-Ju Hsu
ML=Mia Lindskog	GG=Giovanni Gentile
EF=Erik Fransén	
PK=Patrik Krieger	
GF=Gilberto Fisone	
JN=Johanna Nilsson	

