

	Monday	Tuesday	Wednesday	Thursday	Friday
KW 15	06.04.				
09:00 - 10:00	Lecture 1	Computer	Lecture 4	sgw	Good Friday
10:00 - 11:00	Lecture 2		student group work (sgw)		
11:00 - 12:00	Lecture 3				
12:00 - 13:00					
13:00 - 14:00	Computer simulation MG	Simulation MG	sgw	meeting of supervisors with groups	
14:00 - 15:00					
15:00 - 16:00		Prep of sgw		sgw	
16:00 - 17:00					

	Monday	Tuesday	Wednesday	Thursday	Friday
KW 16	13.04.				
09:00 - 10:00	Easter Monday	students present/ seminar	Lecture 5	Lecture 7	Lecture 10
10:00 - 11:00			Lecture 6	Lecture 8	Lecture 11
11:00 - 12:00			Electronics ...	Lecture 9	Experiments
12:00 - 13:00					
13:00 - 14:00		students pre...			
14:00 - 15:00		Electronics and Data acquisition JS & MD	Leech anatomy	Experiments	
15:00 - 16:00					
16:00 - 17:00					

	Monday	Tuesday	Wednesday	Thursday	Friday
KW 17	20.04.				
09:00 - 10:00	Experiments	Experiments Project	Experiments Project	Experiments Project	Experiments Project
10:00 - 11:00					
11:00 - 12:00					
12:00 - 13:00					
13:00 - 14:00	Experiments	Experiments Project	Experiments Project	Experiments Project	Experiments Project
14:00 - 15:00					
15:00 - 16:00					
16:00 - 17:00					

	Monday	Tuesday	Wednesday	Thursday	Friday
KW 18	27.04.				
09:00 - 10:00		Matlab TB & MH	Matlab TB & MH	Matlab TB & MH	Labor Day
10:00 - 11:00					
11:00 - 12:00					
12:00 - 13:00					
13:00 - 14:00	Seminar and feedback on experiments	Matlab	Matlab	Matlab	
14:00 - 15:00					
15:00 - 16:00					
16:00 - 17:00					

	Monday	Tuesday	Wednesday	Thursday	Friday
KW 19	04.05.				
09:00 - 10:00	Matlab TB & MH	Matlab TB & MH	Matlab TB & MH	Matlab TB & MH	
10:00 - 11:00					
11:00 - 12:00					
12:00 - 13:00					
13:00 - 14:00	Matlab	Matlab	Matlab	Matlab	
14:00 - 15:00					
15:00 - 16:00					
16:00 - 17:00					

	Monday	Tuesday	Wednesday	Thursday	Friday
KW 20	11.05.				
09:00 - 10:00				Talks	
10:00 - 11:00					
11:00 - 12:00					
12:00 - 13:00					
13:00 - 14:00					
14:00 - 15:00					
15:00 - 16:00					
16:00 - 17:00					

**KW 21** 22.05., 10:00 - 12:00 Uhr, Room 0.024 - Written Examination -

- Lecture 1 fast repetition of basics in electrophysiology
- Lecture 2 fast repetition of synapse basics
- Lecture 3 fast repetition of synapse basics
- Lecture 4 measuring membrane potential and currents

- prep of sgw/sgw Wir teilen die Studierenden in vier Gruppen auf, die jeweils ein Referat zu einem Thema vorbereiten. Die Themen (Lehrbuchwissen) sind folgende:
1. Calcium-Ströme. Arten und Bedeutung.
  2. Kalium-Ströme. Arten und Bedeutung.
  3. Natrium- und Chlorid-Ströme. Arten und Bedeutung.
  4. Synapsen, Transmitter und Ionen
- alternativ:
1. Plateaupotentiale
  2. Sag potential and rebound
  3. Spike-frequency adaptation
  4. Synapsen, Transmitter und Ionen

- Lecture 5 Ion currents and pumps and their role for rhythmic activity in the CNS
- Lecture 6 Membrane properties and the acuity of hearing
- Lecture 7 Membrane properties and the acuity of hearing
- Lecture 8 Membrane properties and the acuity of hearing
- Lecture 9 Membrane properties, synapses and neuromodulation
- Lecture 10 Membrane properties, synapses and decision making
- Lecture 11 How to design an experiment