April

SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
6	7	8 SOKENDAI Freshman Course →	9 SOKENDAI Freshman Course	10 SOKENDAI Freshman Course	11 SOKENDAI Freshman Course	12
13	14	15	16	17	18 **10:00-11:30** **Molecular and Cellular Physiology**  *"Introduction of cell physiology, mechanisms of membrane potential"*	19
20	21	22	23 **15:00-16:30** **Special Lectures in Physiological Sciences1**  *"Molecular mechanisms of the regulation of epithelial permeability"*	24	25 **10:00-11:30** **Molecular and Cellular Physiology**  *"Molecular diversity and mechanism of function of ion channels and receptors"*	26
27	28	29 national holiday	30			

May

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3 national holiday
4 national holiday	5 national holiday	6 substitute holiday	7	8	9 10:00-11:30 Molecular and Cellular Physiology  *"Mechanisms of epithelial transport"*	10
11	12	13	14 10:00-11:30 Basic physiological and anatomical brain science  *Chapter 2,3,4 2:Neurons and Glia 3:The Neuronal Membrane at Rest 4:The Action Potential* 15:00-16:30 Special Lectures in Physiological Sciences1  *"Physiological and pathological functions of glia"*	15	16 10:00-11:30 Molecular and Cellular Physiology  *"Mechanisms of the maintenance of epithelial homeostasis"*	17
18	19	20	21 10:00-11:30 Basic physiological and anatomical brain science  *Chapter 5,6,7 5:Synaptic Transmission 6:Neurotransmitter Systems 7:The Structure of the Nervous System*	22 10:00-12:00 Principle and Methodology in Brain Science  *"Optical microscopy 1"*  *"Optical microscopy 2"*	23 10:00-11:30 Molecular and Cellular Physiology  *"Intracellular Vesicular Transport"*	24
25	26	27	28 10:00-11:30 Basic physiological and anatomical brain science  *Chapter 8,9,10 8:The Chemical Senses 9:The Eye 10:The Central Visual System*	29 10:00-12:00 Principle and Methodology in Brain Science  *"In vivo imaging of the human brain"*  *"Methods for cardio -vasucular functions"*	30 10:00-11:30 Molecular and Cellular Physiology  *"Intracellular signal transduction"*	31

June

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4 10:00-11:30 Basic physiological and anatomical brain science  Chapter 11,12,13 11:The Auditory and Vestibular Systems 12:The Somatic Sensory System 13:Spinal Control of Movement 15:00-16:30 Special Lectures in Physiological Sciences1  "Microscopic visualization analysis methods for cellular physiological functions"	5 10:00-12:00 Principle and Methodology in Brain Science  "Methods for neuroimmunology"  "Noninvasive electromagnetic measurements of the human brain"	6 10:00-11:30 Molecular and Cellular Physiology  "Structural-function linkage and its structural analysis method of intracellular soluble proteins"	7
8	9	10	11 10:00-11:30 Basic physiological and anatomical brain science  Chapter 14,15,16 14:Brain Control of Movement 15:Chemical Control of the Brain and Behavior 16:Motivation	12 10:00-12:00 Principle and Methodology in Brain Science  "Methods for sensory biology"  "Cell biological methods"	13 10:00-11:30 Molecular and Cellular Physiology  "Structural-function linkage and its structural analysis method of intracellular membrane proteins"	14
15	16	17	18 10:00-11:30 Basic physiological and anatomical brain science  Chapter 17,18,19 17: Sex and the Brain 18: Brain Mechanisms of Emotion 19: Brain Rhythms and Sleep	19 10:00-12:00 Principle and Methodology in Brain Science  "Molecular biological methods"  "Molecular physiological methods"	20	21
22	23	24	25 10:00-11:30 Basic physiological and anatomical brain science  Chapter 20, 21,22 20: Language 21: The Resting Brain, Attention, and Consciousness 22: Mental Illness	26 10:00-12:00 Principle and Methodology in Brain Science  "Electrophysiological methods 1"  "Electrophysiological methods 2"	27	28
29	30					

July

SUN	MON	TUE	WED	THU	FRI	SAT
		1	2 10:00-11:30 Basic physiological and anatomical brain science  *Chapter 23, 24, 25* *23: Wiring the Brain* *24:Memory System* *25:Molecular Mechanism of Learning and Memory*	3 10:00-12:00 Principle and Methodology in Brain Science  *"Electrophysiological methods 3"*  *"Methods for animal experimental modeling"*	4	5
6	7	8	9 10:00-11:30 Basic physiological and anatomical brain science  *"Basics of computer science"* 15:00-16:30 Special Lectures in Physiological Sciences1  *"Structural and functional neuroimaging on the human visual system"*	10	11	12
13	14	15	16 10:00-11:30 Basic physiological and anatomical brain science  *"Fundamentals of Image Processing"*	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

August

SUN	MON	TUE	WED	THU	FRI	SAT
					1	2
3	4	5	6	7	8	9
10	11 national holiday	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

September

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15 national holiday	16	17	18	19	20
21	22	23 national holiday	24	25	26 SOKENDAI Graduation Ceremony	27
28	29	30				

October

SUN	MON	TUE	WED	THU	FRI	SAT
			1	2	3	4
5	6	7 SOKENDAI Freshman Course →	8 SOKENDAI Freshman Course	9 SOKENDAI Freshman Course	10 SOKENDAI Freshman Course	11
12	13 national holiday	14	15 **10:00-11:30** **Clinical pathophysiology 2**  *"Synapse (basic 1)"*	16	17	18
19	20	21	22 **10:00-11:30** **Clinical pathophysiology 2**  *"Synapse (basic 2)"* **15:00-16:30** **Special Lectures in Physiological Sciences1**  *"Gateway reflex is a novel neuroimmune interaction"*	23	24	25
26	27	28	29 **10:00-11:30** **Clinical pathophysiology 2**  *"Synapse (clinical)"*	30	31	

November

SUN	MON	TUE	WED	THU	FRI	SAT
						1
2	3 national holiday	4	5	6	7 10:00-11:30 Fundamental Neuroscience2  *"Function and developmental plasticity of visual system"*	8
9	10	11	12 15:00-16:30 Special Lectures in Physiological Sciences1  *"Sensory molecules and their physiological roles in Drosophila"*	13	14 10:00-11:30 Fundamental Neuroscience2  *"Function and developmental plasticity of auditory system"*	15
16	17	18	19	20	21 10:00-11:30 Fundamental Neuroscience2  *"Auditory and Vestibular System in vertebrates, fish escape circuits"*	22
23 national holiday	24 substitute holiday	25	26 10:00-11:30 Clinical pathophysiology 2  *"Cortical networks (basic1)"*	27	28 10:00-11:30 Fundamental Neuroscience2  *"Neuron diversity and microcircuitry of cortex"*	29
30						

December

SUN	MON	TUE	WED	THU	FRI	SAT
	1	2	3 10:00-11:30 Clinical pathophysiology 2  *"Cortical networks (basic2)"* 15:00-16:30 Special Lectures in Physiological Sciences1  *"Neural systems for flexible decisions and behavior"*	4	5 10:00-11:30 Fundamental Neuroscience2  *"Mechanisms of Innate Behavior Control by the Hypothalamus"*	6
7	8	9	10 10:00-11:30 Clinical pathophysiology 2  *"Cortical networks (clinical)"*	11	12 10:00-11:30 Fundamental Neuroscience2  *"Mechanisms of homeostatic maintenance and remodeling of neuronal circuits"*	13
14	15	16	17	18	19 10:00-11:30 Fundamental Neuroscience2  *"Basics and applications of visualization analysis of neural functions"*	20
21	22	23	24 10:00-11:30 Clinical pathophysiology 2  *"Basal Ganglia (basic)"*	25	26 10:00-11:30 Fundamental Neuroscience2  *"Neural basis of biological clock"*	27
28	29	30	31			

January

SUN	MON	TUE	WED	THU	FRI	SAT
				1 national holiday	2	3
4	5	6	7 10:00-11:30 **Clinical pathophysiology 2**  *"Basal Ganglia (clinical)"*	8	9	10
11	12 national holiday	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28 15:00-16:30 **Special Lectures in Physiological Sciences1**  *"The functional roles of oscillatory synchronization of neural activity"*	29	30	31

February

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11 national holiday	12	13	14
15	16	17	18	19	20	21
22	23 national holiday	24	25	26	27	28

March

SUN	MON	TUE	WED	THU	FRI	SAT
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20 national holiday	21
22	23	24 SOKENDAI Graduation Ceremony	25	26	27	28
29	30	31				