<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
<th>Activity</th>
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</thead>
<tbody>
<tr>
<td>Mon</td>
<td>9 - 10:30</td>
<td>lecture (FLTC 214)</td>
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<tr>
<td>Wed</td>
<td>9 - 10:30</td>
<td>lecture (214)</td>
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<tr>
<td></td>
<td>1:30 - 4</td>
<td>lab (various locations)</td>
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<tr>
<td>Thur</td>
<td>4 - 5</td>
<td>recitation (Becker 521)</td>
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<tr>
<td>Fri</td>
<td>9 - 9:10</td>
<td>\textbf{quiz} (214)</td>
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<td>9:15 - 10:30</td>
<td>lecture or discussion (214)</td>
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Lecture 1: Introduction to the course (No lab today) Snyder 1/20
Lecture 2: Anatomy I. Overview: Nervous System & its Cells Woolsey 1/22
Anatomy II. Spinal Cord, Reflexes and Pathways (no quiz)

Lecture 3: Anatomy III. CNS Development & Patterning Woolsey 1/25
Lecture 4: Anatomy IV. Brainstem and Thalamus Woolsey 1/27
Anatomy V. Basal ganglia & Cerebellum

Lab 1: Human Brain Overview, \textbf{Dissection} Dikranian 1/27
Lecture 5: Synaptic Organization of the Brain Burkhalter 1/29

Lecture 6: Anatomy VI. Sensory pathways Woolsey 2/1
Anatomy VII. Motor pathways

Lecture 7: Anatomy VIII. Cerebral cortex Woolsey 2/3
Anatomy IX. Integrating functions

Lab 2: Spinal Cord & Brainstem Dikranian Burkhalter 2/3
— — — — No class 2/5

Lecture 8: Electrophysiological methods Moran 2/8
Lecture 9: Imaging methods lecture (PET, MR) Shimony, Petersen 2/10
Lab 3: Forebrain, Primate & Mouse (Slides + \textbf{dissection}) Dikranian, Burkhalter 2/10
Lecture 10: Receptors Snyder 2/12

Lecture 11: Measurement of behavior Petersen 2/15
Lecture 12: Maps, Columns, and Behavior Petersen 2/17
Lecture 13: Audition (\textit{in discussion time slot}) Snyder 2/17
Lecture 14: Vestibular system Snyder 2/19

Lecture 15: Hippocampus / orienting I Han 2/22
Lecture 16: Hippocampus / orienting II Han 2/24
Lab 4: Auditory + Vestibular + Hippo Anatomy Burkhalter, Snyder, Dikranian 2/24
Discuss 1: Sensory Snyder 2/26

Lecture 17: Functional Organization of Visual Cortex Burkhalter 2/29
Lecture 18: Cortical Networks Burkhalter 3/2
Lab 7: Visual System Anatomy (Room 302) Burkhalter 3/2
Lecture 19: Plasticity of Developing and Mature Cortex Burkhalter 3/4
Lecture 20: Somatosensation  
Discuss 2: Sensory (Rooms 214, 204 and 205)  
Lab 8: Limbic Dissection  
Exam 1: Midterm  

Spring break  3-13 to 3-19  

Lecture 21: Electroreception I  
Lecture 22: Electroreception II  
Lab 9: Electric fish  
Discuss 3: Electric fish  

Lecture 23: Perceptual decision-making  
Lecture 24: Economic decision-making  
Lab 10: Monkey Demo  
Lecture 25: Dopamine & Prefrontal cortex (ends early)  

Lecture 26: Oculomotor System I  
Lecture 27: Oculomotor System II  
Lab 11: Oculomotor System (Whitaker 135)  
Discuss 4: Oculomotor  

Lecture 28: Motor I - muscles  
Lecture 29: Motor II  
Lab 12: Frog Nerve Conduction (Whitaker 135)  
Discuss 5: Motor  

Lecture 30: Motor III  
Lecture 31: Basal ganglia  
Lab 13: Sensory/Motor, Thalamus, Basal Ganglia, Cerebellum  

Lecture 32: TBD  
Lecture 33: Interpreting imaging studies  
Lecture 34: Learning and Memory  
Lab 14: Imaging Demo  
Lecture 35: Language & Speech I  

Lecture 36: Language & Speech II  
Lecture 37: Selective attention  
Lab 15: Language and Speech Demo  
Lecture 38: Controlled vs Automatic Processes  

Exam 2: Final exam