

LECTURES

| <u>Date</u> | <u>Topic</u> | <u>Readings</u> | <u>Instructor</u> |
|--------------------|--|-----------------|-------------------|
| M 28-Jan-19 | 1 Intro/scope Perception and action | ch22 | RK/SP |
| W 30-Jan-19 | 2 Brain imaging techniques and results | ch5,6 | RK |
| M 4-Feb-19 | 3 Electrophysiological & optogenetic techniques and results | ch5 | SP |
| W 6-Feb-19 | 4 Vision 1: Eye to brain | ch26 | RK |
| M 11-Feb-19 | 5 Vision 2: Primary visual cortex | ch26 | RK |
| W 13-Feb-19 | 6 Vision 3: Color vision | ch26 | RK |
| M 18-Feb-19 | Presidents Day (no class) | | |
| W 20-Feb-19 | 7 Vision 4: Mid-level and Hi-level vision & object recognition | ch44 | RK |
| M 25-Feb-19 | 8 Audition: sound, ear, cochlear nucleus + brain | ch25 | RK |
| W 27-Feb-19 | 9 Mid-term 1 - Review (Lectures 2-8) | | RK+TAs |
| M 4-Mar-19 | 10 Chemical Senses | ch23 | AE |
| W 6-Mar-19 | 11 Somatic sensation | ch24 | SP |
| M 11-Mar-19 | Mid-term 1 - Exam | | RK+TAs |
| W 13-Mar-19 | 12 Motor systems 1: fundamentals | ch27 | SP |
| M 18-Mar-19 | spring break (no class) | | |
| W 20-Mar-19 | spring break (no class) | | |
| M 25-Mar-19 | 13 Motor systems 2: cortex | ch29 | SP |
| W 27-Mar-19 | 14 Motor systems 3: basal ganglia | ch30 | SP |
| M 1-Apr-19 | 15 Motor systems 4: cerebellum | ch31 | SP |
| W 3-Apr-19 | 16 Executive function | ch50 | SP |
| M 8-Apr-19 | 17 Mid-term 2 - review (Lectures 11-16) | | SP+TAs |
| W 10-Apr-19 | Mid-term 2 - Exam | | SP+TAs |
| M 15-Apr-19 | 18 Motivation, reward and addiction | ch41 | SP |
| W 17-Apr-19 | 19 Attention and neglect | ch46 | SP |
| M 22-Apr-19 | 20 Learning and memory I: Non-associative and associative learning | ch47 | SP |
| W 24-Apr-19 | 21 Learning and memory II: Systems | ch48 | SP |
| M 29-Apr-19 | 22 Perceptual decision-making | | RK |
| W 1-May-19 | 23 Autism | ch43 | RK |
| M 6-May-19 | 24 Post-traumatic stress disorder | ch43 | RK |
| W 8-May-19 | 25 Schizophrenia | ch43 | RK |
| M 13-May-19 | 26 Final exam - review (All lectures) | | SP/RK+TAs |
| W 15-May-19 | Final exam - 10:00AM-11:50AM | | SP/RK+TAs |

+ : Additional assigned readings will be posted on NYU Classes
 Readings are from the chapters in *Fundamental Neuroscience* 4th edition

Lectures are MW 11am-12:15pm

RK/SP Office Hours: Office hours will be held by the professor teaching Monday of that week.