

Class	Week	Date	Lecture / Lab	Location	Day
1		9/3/20	Course Introduction and Overview; Installation of Virtual Machine	Virtual Instruction	Thursday
2	1	9/8/20	Lecture: Intro to MRI - Precession, Resonance, Relaxation	Virtual Instruction	Tuesday
3		9/10/20	Lab: Intro Linux and Unix/shell basics	Virtual Instruction	Thursday
4	2	9/15/20	Lecture: MRI pulse sequences for Neuroimaging research	Virtual Instruction	Tuesday
5		9/17/20	Lab: Continued Unix/shell basics, MRI SCANNER DEMO	Virtual Instruction	Thursday
6	3	9/22/20	Lecture: Structural MRI and Morphometry	Virtual Instruction	Tuesday
7		9/24/20	Lab: Structural MRI and Morphometry	Virtual Instruction	Thursday
8	4	9/29/20	Lecture: Diffusion Tensor Imaging	Virtual Instruction	Tuesday
9		10/1/20	Lab: Basics of Diffusion Imaging Analyses	Virtual Instruction	Thursday
10	5	10/6/20	Lecture: fMRI - Mechanisms	Virtual Instruction	Tuesday
11		10/8/20	Lab: Basics of fMRI - Introduction to AFNI	Virtual Instruction	Thursday
12	6	10/13/20	Lecture: Basic Statistical Analyses / GLM Overview	Virtual Instruction	Tuesday
13		10/15/20	Lecture: Thresholding Statistics	Virtual Instruction	Thursday
14	7	10/20/20	Lecture: fMRI – Analysis (single subject and group)	Virtual Instruction	Tuesday
15		10/22/20	Lab: Task fMRI	Virtual Instruction	Thursday
16	8	10/27/20	Lecture: fMRI - Resting state and Connectivity	Virtual Instruction	Tuesday
17		10/29/20	Lab: Resting state fMRI	Virtual Instruction	Thursday
18	9	11/3/20	Lecture: Diffusion Tensor Imaging Analyses	Virtual Instruction	Tuesday
19		11/5/20	Lab: Diffusion Imaging Lab II	Virtual Instruction	Thursday
20	10	11/10/20	Lecture: Tractography	Virtual Instruction	Tuesday
21		11/12/20	Lab: Tractography	Virtual Instruction	Thursday
22	11	11/17/20	Lecture: Advanced Diffusion Imaging	Virtual Instruction	Tuesday
23		11/19/20	Lab: Introduction to MRTRix	Virtual Instruction	Thursday
24	12	11/24/20	Lecture: Alternative Quantitative Imaging Methods	Virtual Instruction	Tuesday
25		11/26/20	Thanksgiving (No Class)	Virtual Instruction	Thursday
26	13	12/1/20	Lab: Quantitative Imaging; Statistical Analyses; Project Work Day	Virtual Instruction	Tuesday
27		12/3/20	Project Presentations	Virtual Instruction	Thursday
28	14	12/8/20	Project Presentations	Virtual Instruction	Tuesday
29		12/10/20	Project Presentations	Virtual Instruction	Thursday
30	15	12/15/20	FINALS WEEK Starts	Virtual Instruction	