

## BIS 15L Schedule Winter 2025

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Lab #	Date	Part 1 (12:10-1:00p)	Part 2 (1:10-2:00p)
1	T, 1/7	Getting Started Setup	GitHub, GitHub Desktop
2	R, 1/9	Objects, Classes, and NA's	Intro to Data Structures
3	T, 1/14	Data Frames	Importing Data Frames & Summary functions
	<b>R, 1/16</b>	<b>No Lab Today, lab resumes on T, 1/21. No homework.</b>	
4	T, 1/21	Dplyr: select ( )	Dplyr: filter ( )
5	R, 1/23	filter ( ) on multiple conditions	pipes & arrange ( )
6	T, 1/28	mutate ( ) & if_else ( )	Counts & summarize ( )
7	R, 1/30	group_by ( )	Midterm 1 practice
	T, 2/4	<b>Midterm 1</b>	
8	R, 2/6	Dealing with NA's	Tidy Data 1

9	T, 2/11	Tidy Data 2	Grammar of Graphics Data visualization: ggplot 1
10	R, 2/13	Data visualization: ggplot 2	Course Projects Intro
11	T, 2/18	Data visualization: ggplot 3	Data visualization: ggplot 4
12	R, 2/20	Joins, lists, lubridate	Spatial Data
13	T, 2/25	Shiny Apps 1	Shiny Apps 2
14	R, 2/27	Shiny Apps 3	Midterm 2 practice
	T, 3/4	<b>Midterm 2</b>	
15	R, 3/6	AI (Bry)	Project Presentation Prep
16	T, 3/11	Project Presentation Prep	Project Presentations 1
17	R, 3/13	Project Presentations 2	Project Presentations 3 Course Evaluations