Week	Date	Topic	Readings
1	12-Jan	Introduction – R, GitHub, Rmarkdown	
2	19-Jan	Sequence prep, 16S ASV pipeline	Callahan et al. 2016 Nat Meth
3	26-Jan	Identification, normalization	McMurdie & Holmes 2014 PLoS CB Gloor et al. 2017 Fr Micro
4	2-Feb	Practicum – ITS ASV pipeline	Froslev etal. 2017
5	9-Feb	Exploratory analysis 1 – alpha diversity	Pauvert et al. 2019 Fun Eco
6	16-Feb	Exploratory analysis 2 – beta diversity	Anderson et al. 2011 Eco Lett
7	23-Feb	Dada2 on the HPC (Lisa Lowe)	
8	2-Mar	Exploratory analysis 3 – core microbiomes	Risley 2020 J Anim Ecol
9	9-Mar	Practicum – full exploratory analysis	
10	16-Mar	Spring break – no class	
11	23-Mar	Hypothesis testing 1 – regression	TBD
12	30-Mar	Hypothesis testing 2 – permutation tests	Collyer & Adams 2018 MEE
13	6-Apr	Hypothesis testing 3 – TBD	TBD
14	13-Apr	Practicum – full hypothesis testing	
15	20-Apr	Final project presentations	