

Updated: 3 November 2019

Class	Focus	Assign/Prep	Day	Date
1	Welcome / Intro	Handout	Tues	27 Aug
2	Intro	Handout	Thurs	29
Lab 1			Mon	2 Sept
3	Bio / CS Basics	Handout	Tues	3
4	Bio / CS Basics	Handout / ThinkPython Ch. 2	Thurs	5
Lab 2			Mon	9
5	Bio / CS Basics	Handout	Tues	10
6	Bio / CS Basics	Handout	Thurs	12
Lab 3			Mon	16
7	Bioinformatics and Genomic Data	Text_ch1	Tues	17
8	Bioinformatics and Genomic Data	Text_ch1	Thurs	19
Lab 4			Mon	23
9	Computational Manipulation of DNA	Text_ch2	Tues	24
10	Computational Manipulation of DNA	Text_ch2	Thurs	26
Lab 5			Mon	30
11	Sequence Alignment	Text_ch3	Tues	1 Oct
12	Sequence Alignment	Text_ch3	Thurs	3
Lab 6			Mon	7
13	Database Searching and Multiple Alignment	Text_ch4	Tues	8
14	Exam 1 during lab	Exam 1	Thurs	10
No Lab			Mon	14
15	Substitution Matrices and Protein Alignments		Tues	15
16	Blast, sub-matrices and prot align	Text_ch4 and 5	Thurs	17
Lab 7			Mon	21
Blast, sub-matrices and prot align		Text_ch4 and 5	Tues	22
No class			Thurs	24
No Lab			Mon	28
No class			Tues	29
Sequence-Based Gene Prediction			Thurs	31
Lab 8		<i>Project Assignment Given</i>	Mon	4 Nov
17	Sequence-Based Gene Prediction		Tues	5
18	Protein Domain	Text_ch9	Thurs	7
Lab 9			Mon	11
19	Protein Domain	<i>Text_ch9, Project Proposal Due (2:30pm)</i>	Tues	12
20	Advanced Gene Prediction	Text_ch10	Thurs	14
21	Exam 2 during lab	Exam 2	Mon	18
22		<i>Project Progress Report Due (2:30pm)</i>	Tues	19
23	TBA	TBA	Thurs	21
24	TBA		Mon	25

workingTentativeSched

25	Protein Structure Prediction and Analysis	Text_ch11	Tues	26
	Thanksgiving	Thanksgiving	Thurs	28
26	Lab		Mon	2 Dec
27	TBA	TBA	Tues	3
28	TBA	TBA	Thurs	5
29	Presentations	TBA	Mon	9
30	Presentations		Tues	10
			Thurs	12
	Project report is due on GitHub		Fri	13

Exam code	D
Exam time	Friday, December 13, 9:00 am