$working {\sf Tentative Sched}$

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	Fall break	Mon	14
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15	Substitution Matrices and Protein Alignments		Tues	15
16	Substitution Matrices and Protein Alignments Blast, sub-matrices and prot align	Text_ch4 and 5	Tues Thurs	15 17
	_			
	Blast, sub-matrices and prot align		Thurs	17
	Blast, sub-matrices and prot align Lab 7	Text_ch4 and 5	Thurs Mon	17 21
	Blast, sub-matrices and prot align Lab 7 Blast, sub-matrices and prot align	Text_ch4 and 5	Thurs Mon Tues	17 21 22
	Blast, sub-matrices and prot align Lab 7 Blast, sub-matrices and prot align No class	Text_ch4 and 5	Thurs Mon Tues Thurs	17 21 22 24
	Blast, sub-matrices and prot align Lab 7 Blast, sub-matrices and prot align No class No Lab	Text_ch4 and 5	Thurs Mon Tues Thurs Mon	17 21 22 24 28
	Blast, sub-matrices and prot align Lab 7 Blast, sub-matrices and prot align No class No Lab No class	Text_ch4 and 5	Thurs Mon Tues Thurs Mon Tues	17 21 22 24 28 29
	Blast, sub-matrices and prot align Lab 7 Blast, sub-matrices and prot align No class No Lab No class Sequence-Based Gene Prediction	Text_ch4 and 5 Text_ch4 and 5	Thurs Mon Tues Thurs Mon Tues Thurs	17 21 22 24 28 29 31
16	Blast, sub-matrices and prot align Lab 7 Blast, sub-matrices and prot align No class No Lab No class Sequence-Based Gene Prediction Lab 8	Text_ch4 and 5 Text_ch4 and 5	Thurs Mon Tues Thurs Mon Tues Thurs Mon Mon	17 21 22 24 28 29 31 4 Nov
16	Blast, sub-matrices and prot align Lab 7 Blast, sub-matrices and prot align No class No Lab No class Sequence-Based Gene Prediction Lab 8 Sequence-Based Gene Prediction	Text_ch4 and 5 Text_ch4 and 5 Project Assignment Given	Thurs Mon Tues Thurs Mon Tues Thurs Mon Tues Thurs	17 21 22 24 28 29 31 4 Nov
16	Blast, sub-matrices and prot align Lab 7 Blast, sub-matrices and prot align No class No Lab No class Sequence-Based Gene Prediction Lab 8 Sequence-Based Gene Prediction Protein Domain	Text_ch4 and 5 Text_ch4 and 5 Project Assignment Given	Thurs Mon Tues Thurs Mon Tues Thurs Mon Tues Thurs Mon Tues Thurs	17 21 22 24 28 29 31 4 Nov 5
16 17 18	Blast, sub-matrices and prot align Lab 7 Blast, sub-matrices and prot align No class No Lab No class Sequence-Based Gene Prediction Lab 8 Sequence-Based Gene Prediction Protein Domain Lab 9	Text_ch4 and 5 Text_ch4 and 5 Project Assignment Given Text_ch9	Thurs Mon Tues Thurs Mon Tues Thurs Mon Tues Mon Tues Thurs Mon Tues Thurs	17 21 22 24 28 29 31 4 Nov 5 7
16 17 18 19	Blast, sub-matrices and prot align Lab 7 Blast, sub-matrices and prot align No class No Lab No class Sequence-Based Gene Prediction Lab 8 Sequence-Based Gene Prediction Protein Domain Lab 9 Protein Domain	Text_ch4 and 5 Text_ch4 and 5 Project Assignment Given Text_ch9 Text_ch9, Project Proposal Due (2:30pm)	Thurs Mon Tues Thurs Mon Tues Thurs Mon Tues Thurs Mon Tues Thurs Thurs	17 21 22 24 28 29 31 4 Nov 5 7 11
16 17 18 19 20	Blast, sub-matrices and prot align Lab 7 Blast, sub-matrices and prot align No class No Lab No class Sequence-Based Gene Prediction Lab 8 Sequence-Based Gene Prediction Protein Domain Lab 9 Protein Domain Advanced Gene Prediction	Text_ch4 and 5 Text_ch4 and 5 Project Assignment Given Text_ch9 Text_ch9 Text_ch9, Project Proposal Due (2:30pm) Text_ch10 Exam 2	Thurs Mon Tues Thurs Mon Tues Thurs Mon Tues Thurs Mon Tues Thurs Thurs	17 21 22 24 28 29 31 4 Nov 5 7 11 12 14
16 17 18 19 20 21	Blast, sub-matrices and prot align Lab 7 Blast, sub-matrices and prot align No class No Lab No class Sequence-Based Gene Prediction Lab 8 Sequence-Based Gene Prediction Protein Domain Lab 9 Protein Domain Advanced Gene Prediction	Text_ch4 and 5 Text_ch4 and 5 Project Assignment Given Text_ch9 Text_ch9 Text_ch9, Project Proposal Due (2:30pm) Text_ch10	Thurs Mon Tues Thurs	17 21 22 24 28 29 31 4 Nov 5 7 11 12 14
16 17 18 19 20 21 22	Blast, sub-matrices and prot align Lab 7 Blast, sub-matrices and prot align No class No Lab No class Sequence-Based Gene Prediction Lab 8 Sequence-Based Gene Prediction Protein Domain Lab 9 Protein Domain Advanced Gene Prediction Exam 2 during lab	Text_ch4 and 5 Text_ch4 and 5 Project Assignment Given Text_ch9 Text_ch9 Text_ch9 Text_ch10 Exam 2 Project Progress Report Due (2:30pm)	Thurs Mon Tues Thurs Tues Thurs	17 21 22 24 28 29 31 4 Nov 5 7 11 12 14 18 19

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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