

BIOSC 1540 (2191) – Computational Biology

Fall 2018 Course Schedule

INSTRUCTOR

Dr. Miler T. Lee

UTA

Yogindra Raghav
Email: yor5@pitt.edu
Office Hour: By arrangement

SCHEDULE

Class			Due	Topic
00	Tu	28-Aug		I. Introduction, Browsing genomic data
01	Th	30-Aug		
02	Tu	4-Sep	Prerequisite quiz	Special topic: Protein informatics (Dr. Jacob Durrant)
03	Th	6-Sep	HW 1	II. UNIX
04	Tu	11-Sep		
05	Th	13-Sep	HW 2	III: Genome arithmetic
06	Tu	18-Sep		
07	Th	20-Sep	HW 3a	
08	Tu	25-Sep	HW 3b	Review
	Th	27-Sep	EXAM 1	
09	Tu	2-Oct		IV. Sequence alignment
10	Th	4-Oct		
11	Tu	9-Oct	HW 4	V. ChIP-seq
12	Th	11-Oct		
	Tu	16-Oct		NO CLASS, Fall Break schedule
13	Th	18-Oct	Project proposal	V. ChIP-seq, cont'd
14	Tu	23-Oct	HW 5a	
15	Th	25-Oct	HW 5b	Review
	Tu	30-Oct	EXAM 2	

Class			Due	Topic
16	Th	1-Nov		VI. Transcriptomics
17	Tu	6-Nov		
18	Th	8-Nov	Project progress report	
19	Tu	13-Nov	Project peer review	
20	Th	15-Nov	HW 6a	
21	Tu	20-Nov	HW 6b	Special topic: TBD
	Th	22-Nov		NO CLASS, Thanksgiving
22	Tu	27-Nov		Project presentations
23	Th	29-Nov		
24	Tu	4-Dec	Final project write-up	Special topic: TBD
25	Th	6-Dec		Review
	Tu	11-Dec	EXAM 3	(Final exam slot)