

SIO278 Ocean Omics Syllabus
 Mondays 11-1 4500 Hubbs Hall
 Eric Allen, Brian Palenik

A survey of the use in marine sciences of next gen sequencing, sequence analysis and related methods.

Class website:

https://docs.google.com/spreadsheets/d/1dSt2RWGVEgPv8v34EmhY-vUrfcpk_b3b-5BAajXmW1I/edit#gid=52129990

Date	Topic	Presenters
Mon Mar 30	1) Introduction & Organization	Eric, Brian
Mon Apr 06	2) DNA sequencing, Proteomics, Metabolomics	Shane, Jess, Alice, Maxine
Mon Apr 13	3) Genomes, Genome Browsers, Comparative Genomics	Eva, Jesse, Sarah, Logan
Mon Apr 20	4) Transcriptome Pipelines & Databases (MMETSP)	Raffie, Mark
Mon Apr 27	5) Diversity Analyses	Maitreyi, Ali
Mon May 04	6) Pathway Tools & Annotation	Por, Rachel
Mon May 11	7) Data Visualization	Shane, Bethany
Mon May 18	8) Integration – Networks	Ryan, Lauren
Mon May 25	Memorial Day – No class!	-----
Mon Jun 01	10) Integration – Diatom/Bacteria Interactions and	Susie, Daniel, Tyler