

	12-W	Lec.6 (JE)	Next generation DNA sequencing II (quality control methods)
	13-Th	Lab 6	Library quality control: Experion. Tutorial: Scientific figures
	19-W and	20-Th	<i>Reading Break: no lecture, no lab</i>
	26-W	Lec 7 (RG)	Next generation DNA sequencing III (sequencing proper)
	27-Th	Lab 7	MiSeq DNA sequencing. Tutorial: Material and Methods writing
			<i>Assignment due: Figure for Experion, Qubit, and Nanodrop results</i>
Mar	4-W	Lec. 8 (RG)	DNA sequence data formats and raw data manipulations
	5-Th	Lab 8	Sequence analysis: Data quality control and cleanup
	11-W	Lec. 8 (RG)	Next gen. sequence data analysis
	12-Th	Lab 9	Clustering of Operational Taxonomic Units (OTU)
			<i>Assignment due: Experimental Materials + Methods (M+M)</i>
	18-W	Lec. 10 (RG)	Sequence similarity search tools
	19-Th	Lab 10	Quantification and identification of OTUs
	25-W	Lec 11 (RG)	Phylogenetic reconstruction methods
	26-Th	Lab 11	Phylogenetic reconstructions
Apr	1-W	Lec. 12 (RG)	TBA
	2-Th	Lab 12	TBA
			<i>Assignment due: M+M for bioinformatics, results</i>
Apr	14-Tu		<u>Final paper due*</u>

Requirements:	Assignments (6)	60%
	Final paper*	25%
	Practical Skills	5%
	Quizzes (10)	10%

*Final paper is a course requirement. Failure to submit will result in an F in the course.

Grading system:	Percentages converted to letter grades				
A+ 90-100	A 85-89	A- 80-84	B+ 77-79	B 73-76	B- 70-72
C+ 65-69	C 60-64	D 50-59	F 0-49		

Please note – Failure to complete too many important parts of the course (missed labs, quizzes, or assignments) will result in being banned from submitting the final paper; see lab manual introduction for details. You need to provide proper documentation (e.g. a doctor’s note) to be granted an extension to assignment due dates. We assign an incomplete (not a zero) for any missed elements with excuse and your final mark will be calculated on the basis of the other completed components of the course, and you will not incur any penalty. Students must abide by academic regulations as set out in the university calendar. They must observe standards of scholarly integrity with regards to plagiarism and cheating. Please refer to UVic Academic Calendar.