

Week	Lecture	Day	Date	Subject
1	1	Mon	6/20	Introduction to Microbiology and Phylogeny
	2			Prokaryotic Cell Biology I: Structure and Function
	3			Prokaryotic Cell Biology II: Structure and Function
	4	Wed	6/22	Microbial Physiology I: Nutrients & Growth
	5			Microbial Physiology II: Metabolism I
	6			Microbial Physiology III: Metabolism II
2	7	Mon	6/27	Microbial Physiology IV: Biofilms & Microbial Ecology
	8			Molecular Biology I: DNA Replication
	9			Molecular Biology II: Transcription
	-	Wed	6/29	Midterm I – 1:00 pm to 2:00 pm (Covers Lectures 1 to 7),
	10			Molecular Biology III: Translation and Protein Secretion
	11			Molecular Genetics I: Horizontal Gene Transfer
3	-	Mon	7/4	Holiday
	12	Wed	7/6	Molecular Genetics II: DNA Mutations
	13			Molecular Biology IV: Operons and Regulons
	14			Molecular Biology V: Regulation of Gene Expression
4	15	Mon	7/11	Molecular Biology VI: Antibiotic Resistance, viruses
	16			Human Microbe Interactions I: Pathogenesis & <i>Vibrio</i>
	17			Human Microbe Interactions II: <i>Pseudomonas</i> & <i>Legionella</i>
	-	Wed	7/13	Midterm II – 1:00 pm to 2:00 pm (Covers Lectures 8 to 15)
	18			Human Microbe Interactions III: <i>Salmonella</i>
	19			Human Microbe Interactions IV: Human Microbiota
5	20	Mon	7/18	Final Exam (Covers ALL Lecture Materials) Time: 1:00 pm to 3:00 pm Location: Baskin Engineering Auditorium 101