

COURSE SCHEDULE

Week	Date	Topic of Lectures	Instructor	
1	2015	09 / 17 Life on Earth I - Ch01: Biology and Its Themes Life on Earth II - Ch25: Macroevolution	Li	
2		09 / 24 Ch02: Atoms and Molecules Ch03: The Chemistry of Water	Chiao	
3		10 / 01 Life on Earth I - Ch01: Biology and Its Themes Life on Earth II - Ch25: Macroevolution	Li	
4		10 / 08 Ch04: Carbon: The Basis of Molecular Diversity Ch05: Biological Macromolecules and Lipids	Chiao	
5		10 / 15 Ch06: Energy and Life Ch07: Cell Structure and Function	Chiao	
6		10 / 22 Ch08: Cell Membranes Ch09: Cellular Signaling	Chiao	
7		10 / 29 Ch10: Cell Respiration Ch11: Photosynthetic Processes	Chiao	
8		11 / 05 Ch12: Mitosis Ch13: Sexual Life Cycles and Meiosis	Chiao	
9		11 / 12 Midterm Examination (Ch01-13 & Ch25)		
10		11 / 19 Ch14: Mendelian Genetics Ch15: Linkage and Chromosomes	Chuang	
11		11 / 26 Ch16: Nucleic Acids and Inheritance Ch17: Expression of Genes	Chuang	
12		12 / 03 Ch18: Control of Gene Expression Ch26: Introduction to Viruses	Chuang	
13		12 / 10 Ch19: DNA Technology	Chuang	
14		12 / 17 Ch20: The Evolution of Genomes	Chuang	
15		12 / 24 Ch21: How Evolution Works	Li	
16		12 / 31 Ch22: Phylogenetic Reconstruction	Li	
17		2016	01 / 07 Ch23: Microevolution Ch24: Species and Speciation	Li
18			01 / 14 Final Examination (Ch14-24 & 26)	

Course info

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Textbook

Campbell Biology (10th Edition), Jane B. Reece , Lisa A. Urry, Michael L. Cain, Steven A. Wasserman , Peter V. Minorsky, Robert B. Jackson (2013)