

COURSE SCHEDULE

Week	Date	Topic of Lectures	Instructor
1	2014	09 / 18 Life on Earth I - Ch01: Biology and Its Themes Life on Earth II - Ch25: Macroevolution	Li
2		09 / 25 Life on Earth I - Ch01: Biology and Its Themes Life on Earth II - Ch25: Macroevolution	Li
3		10 / 02 Ch02: Atoms and Molecules Ch03: The Chemistry of Water	Chiao
4		10 / 09 Ch04: Carbon: The Basis of Molecular Diversity Ch05: Biological Macromolecules and Lipids	Chiao
5		10 / 16 Ch06: Energy and Life Ch07: Cell Structure and Function	Chiao
6		10 / 23 Ch08: Cell Membranes Ch09: Cellular Signaling	Chiao
7		10 / 30 Ch10: Cell Respiration Ch11: Photosynthetic Processes	Chiao
8		11 / 06 Ch12: Mitosis Ch13: Sexual Life Cycles and Meiosis	Chiao
9		11 / 13 Midterm Examination (Ch01-13 & Ch25)	
10		11 / 20 Ch14: Mendelian Genetics Ch15: Linkage and Chromosomes	Chuang
11		11 / 27 Ch16: Nucleic Acids and Inheritance Ch17: Expression of Genes	Chuang
12		12 / 04 Ch18: Control of Gene Expression Ch26: Introduction to Viruses	Chuang
13		12 / 11 Ch19: DNA Technology	Chuang
14		12 / 18 Ch20: The Evolution of Genomes	Chuang
15		12 / 25 Ch21: How Evolution Works Ch22: Phylogenetic Reconstruction	Li
16	2015	01 / 01 No class	
17		01 / 08 Ch23: Microevolution Ch24: Species and Speciation	Li
18		01 / 15 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)