

COURSE SCHEDULE

Week	Date	Topic of Lectures	Instructor
1	2016	09 / 15 No class	
2		09 / 22 Life on Earth I - Ch01: Biology and Its Themes Life on Earth II - Ch25: Macroevolution	Li
3		09 / 29 Life on Earth I - Ch01: Biology and Its Themes Life on Earth II - Ch25: Macroevolution	Li
4		10 / 06 Ch02: Atoms and Molecules Ch03: The Chemistry of Water	Chiao
5		10 / 13 Ch04: Carbon: The Basis of Molecular Diversity Ch05: Biological Macromolecules and Lipids	Chiao
6		10 / 20 Ch06: Energy and Life Ch07: Cell Structure and Function	Chiao
7		10 / 27 Ch08: Cell Membranes Ch09: Cellular Signaling	Chiao
8		11 / 03 Ch10: Cell Respiration Ch11: Photosynthetic Processes	Chiao
9		11 / 10 Ch12: Mitosis Ch13: Sexual Life Cycles and Meiosis	Chiao
10		11 / 17 Midterm Examination (Ch01-13 & Ch25)	
11		11 / 24 Ch14: Mendelian Genetics Ch15: Linkage and Chromosomes	Chuang
12		12 / 01 Ch16: Nucleic Acids and Inheritance Ch17: Expression of Genes	Chuang
13		12 / 08 Ch18: Control of Gene Expression Ch26: Introduction to Viruses	Chuang
14		12 / 15 Ch19: DNA Technology	Chuang
15		12 / 22 Ch20: The Evolution of Genomes	Chuang
16		12 / 29 Ch21: How Evolution Works Ch22: Phylogenetic Reconstruction	Li
17	2017	01 / 05 Ch23: Microevolution Ch24: Species and Speciation	Li
18		01 / 12 Final Examination (Ch14-24 & 26)	

Course info

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課程網址：清華數位學習平台 <http://lms.nthu.edu.tw/>

TA 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)