

## COURSE SCHEDULE

Week	Date	Topic of Lectures	Instructor
1	2018	09 / 13 Life on Earth I - Ch01: Biology and Its Themes Life on Earth II - Ch25: Macroevolution	Li
2		09 / 20 Life on Earth I - Ch01: Biology and Its Themes Life on Earth II - Ch25: Macroevolution	Li
3		09 / 27 Ch02: Atoms and Molecules Ch03: The Chemistry of Water	Chiao
4		10 / 04 Ch04: Carbon: The Basis of Molecular Diversity Ch05: Biological Macromolecules and Lipids	Chiao
5		10 / 11 Ch06: Energy and Life Ch07: Cell Structure and Function	Chiao
6		10 / 18 Ch08: Cell Membranes Ch09: Cellular Signaling	Chiao
7		10 / 25 Ch10: Cell Respiration Ch11: Photosynthetic Processes	Chiao
8		11 / 01 Ch12: Mitosis Ch13: Sexual Life Cycles and Meiosis	Chiao
9		11 / 08 <b>Midterm Examination ( Ch01-13 &amp; Ch25 )</b>	
10		11 / 15 Ch14: Mendelian Genetics Ch15: Linkage and Chromosomes	Chuang
11		11 / 22 Ch16: Nucleic Acids and Inheritance Ch17: Expression of Genes	Chuang
12		11 / 29 Ch18: Control of Gene Expression Ch26: Introduction to Viruses	Chuang
13		12 / 06 Ch19: DNA Technology	Chuang
14		12 / 13 Ch20: The Evolution of Genomes	Chuang
15		12 / 20 Ch21: How Evolution Works Ch22: Phylogenetic Reconstruction	Ng
16		12 / 27 Ch23: Microevolution Ch24: Species and Speciation	Ng
17	2019 01 / 03 <b>Final Examination ( Ch14-24 &amp; 26 )</b>		

### Course info

授課老師：李家維、焦傳金、莊永仁、黃貞祥

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

### TA info

### Textbook

Campbell Biology (11th Edition), Neil A. Campbell , Lisa A. Urry, Michael L. Cain, Steven A. Wasserman , Peter V. Minorsky, Jane B. Reece (2017)