

生命科學一 Life Science I (98 上 LS 110100)

COURSE SCHEDULE

Week	Date	Topic of Lectures	Instructor
1	2010	09 / 16 Life on Earth I - Ch01: Introduction: Themes in the Study of Life Life on Earth II - Ch25: The History of Life on Earth	Li
2		09 / 23 Life on Earth I - Ch01: Introduction: Themes in the Study of Life Life on Earth II - Ch25: The History of Life on Earth	Li
3		09 / 30 Ch22: Descent with Modification : A Darwinian View of Life Ch23: The Evolution of Populations	Li
4		10 / 07 Ch24: The origin of Species	Li
5		10 / 14 Ch26: Phylogeny and The Tree of Life	Li
6		10 / 21 Ch02: The Chemical Context of Life Ch03: Water and the Fitness of the Environment	Chiao
7		10 / 28 Ch04: Carbon and the Molecular Diversity of Life Ch05: The structure and Function of Large Biological Molecules	Chiao
8		11 / 04 Ch06: A Tour of the Cell Ch08: An Introduction to Metabolism How to Take an Essay Exam	Chiao TAs
9		11 / 11 Midterm Examination (Ch1 -6, Ch8, & Ch22-26)	
10		11 / 18 Ch07: Membrane Structure and Function Ch11: Cell Communication	Chiao
11		11 / 25 Ch09: Cellular Respiration: Harvesting Chemical Energy Ch10: Photosynthesis	Chiao
12		12 / 02 Ch12: The Cell Cycle Ch13: Meiosis and Sexual Life Cycles	Chiao
13		12 / 19 Ch14: Model and the Gene Idea Ch15: The Chromosomal Basis of Inheritance	Chuang
14		12 / 16 Ch16: The Molecular Basis of Inheritance Ch17: From Gene to Protein	Chuang
15		12 / 23 Ch18: Regulation of Gene Expression Ch19: Viruses	Chuang
16		12 / 30 Ch20: Biotechnology	Chuang
17	2011	01 / 06 Ch21: Genomes and Their Evolution	Chuang
18		01 / 13 Final Examination (Ch7 & Ch9-21)	

Lecture: Thursday 15:40-18:30, Life Science Building II 117

Textbook: Neil A. Campbell and Jane B. Reece (2008) Biology 8th Ed., Benjamin and Cummings

Instructors

李家維(Chia-Wei Li) E-mail: cwli@life.nthu.edu.tw 生科一館 406 室分機: 42750

焦傳金(Chuan-Chin Chiao) E-mail: ccchiao@life.nthu.edu.tw 生科二館 646 室分機: 42464

莊永仁(Yung-Jen Chuang) E-mail: yjchuang@life.nthu.edu.tw 生科二館 410 室分機: 42764

Teaching Assistants

謝宜珊 E-mail: shan.iguchi@gmail.com 分機: 33451 生科二館 403 室, office hour: Mon 19:00-21:00

歐怡廷 E-mail: s9880521@m98.nthu.edu.tw 分機: 33478 生二館 644 室 office hour: Mon 19:00-21:00