

## COURSE SCHEDULE

<b>Week</b>	<b>Date</b>	<b>Topic of Lectures</b>	<b>Instructor</b>
<b>1</b>	2011	09 / 15 Life on Earth I - Ch01: Introduction: Themes in the Study of Life Life on Earth II - Ch25: The History of Life on Earth	Li
<b>2</b>		09 / 22 Life on Earth I - Ch01: Introduction: Themes in the Study of Life Life on Earth II - Ch25: The History of Life on Earth	Li
<b>3</b>		09 / 29 Ch02: The Chemical Context of Life Ch03: Water and Life	Chiao
<b>4</b>		10 / 06 Ch04: Carbon and the Molecular Diversity of Life Ch05: The structure and Function of Large Biological Molecules	Chiao
<b>5</b>		10 / 13 Ch06: A Tour of the Cell Ch08: An Introduction to Metabolism	Chiao
<b>6</b>		10 / 20 Ch07: Membrane Structure and Function Ch11: Cell Communication	Chiao
<b>7</b>		10 / 27 Ch09: Cellular Respiration and Fermentation Ch10: Photosynthesis	Chiao
<b>8</b>		11 / 03 Ch12: The Cell Cycle Ch13: Meiosis and Sexual Life Cycles	Chiao
<b>9</b>		11 / 10 Midterm Examination ( Ch01-13 & Ch25 )	
<b>10</b>		11 / 17 Ch14: Model and the Gene Idea Ch15: The Chromosomal Basis of Inheritance	Chuang
<b>11</b>		11 / 24 Ch16: The Molecular Basis of Inheritance Ch17: From Gene to Protein	Chuang
<b>12</b>		12 / 01 Ch18: Regulation of Gene Expression Ch19: Viruses	Chuang
<b>13</b>		12 / 08 Ch20: Biotechnology	Chuang
<b>14</b>		12 / 15 Ch21: Genomes and Their Evolution	Chuang
<b>15</b>		12 / 22 Ch22: Descent with Modification : A Darwinian View of Life Ch23: The Evolution of Populations	Li
<b>16</b>		12 / 29 Ch24: The origin of Species	Li
<b>17</b>	2012	01 / 05 Ch26: Phylogeny and The Tree of Life	Li
<b>18</b>		01 / 12 Final Examination ( Ch14-24 & 26 )	