

**Wonder of Life [SCBE 100, 3(3-0-6)]  
Academic Year 2022, First Semester  
For SIPO and ENNM (International Program)**

Monday 09:00 - 12:00

Google Classcode: knkn62n

Class Link: <https://classroom.google.com/c/NDk3MDIzNzY4MzE2?cjc=knkn62n>

Week	Date	Topic	Chapters
1	8 Aug	Orientation to life science	1
2	15 Aug	Composition of life and its organization I	3
3	22 Aug	Composition of life and its organization II	3
4	29 Aug	Cells and tissues I	4
5	5 Sep	Cells and tissues II	4
6	12 Sep	Cells and tissues in illustrations	
7	19 Sep	Energy for cells	5 & 7
8	26 Sep	From breakfast to ATP	5 & 7
9	3-7 Oct	<i>Midterm Examination</i>	
10	10 Oct	Biology of reproduction: Cell division and cancer	8 & 9
11	17 Oct	Pattern of inheritance	10
12	31 Oct	Genetics and its application	11 - 13
13	7 Nov	Concept of evolution	14 - 16
14	14 Nov	Diversity of life	17 - 19
15	21 Nov	We are the world	30 - 32
16	28 Nov	Bioethics	
17	6-16 Dec	<i>Final Examination</i>	

Note:

Course coordinator and lecturer: Pahol Kosiyachinda (pahol.kos@mahidol.edu)

Score allocation: Each lecture has 5% [Midterm (Weeks 1-8 = 40%) + Final (Weeks 10-16 = 35%)] +

In-class activities (25%)

Required material: Essentials of Biology, 6<sup>th</sup> Ed. Mader S.S. and Windelspecht M. (2021) via Connect