

SCBE 101 General Biology 1
Academic Year 2026, First Semester
For SCME, SCIN and SCCT (International Program)



Monday 09:30 - 12:30 a.m. Room L2-001 Google Classcode: 6d3ivhkw

Class	Date	Topic	Lecturer 2026
1	10 Aug	The themes in biology and chemistry of life	WS
2	17 Aug	Biomolecules	WS
3	24 Aug	Cell and organelles	DN
4	TBA	Animal tissues	WS
5	31 Aug	Cell communication and cell division	PH
6	7 Sep	Bioenergetics: Photosynthesis	PH
7	14 Sep	Bioenergetics: Cellular Respiration	PH
8	21 Sep	Plant tissues	DN
	28 Sep- 2 Oct	Midterm Examination	SC Staff
9	12 Oct	Classical genetics	KB
10	19 Oct	Molecular genetics	KB
11	26 Oct	Recombinant DNA technology	KB
12	2 Nov	Concept of evolution	WS
13	9 Nov	Phylogeny and systematics	WS
14	16 Nov	Ecology	WS
15	23 Nov	Environmental Biology & Conservation	WS
	30 Nov – 11 Dec	Final Examination	SC Staff

Holiday: 12 August 2026 – Bridge Public Holiday (extra)
5-6 October 2026 – Mahidol University's Graduation Ceremony
(No classes at Salaya campus only)

Note:

Course coordinator: Warut Siriwut (warut.sir@mahidol.ac.th); SC2-310/334

Lecturers:

PH = Asst. Dr. Phurt Harnvoravongchai (phurt.har@mahidol.ac.th)

KB = Asst. Dr. Kulaporn Boonyaves (kulaporn.boon@mahidol.ac.th)

DN = Dr. Dowrung Namoon (dowrung.nam@mahidol.ac.th)

WS = Dr. Warut Siriwut (warut.sir@mahidol.ac.th)

Score allocation:

- Each lecture has 5% in Midterm exam (Weeks 1-8 = 35%)
- Each lecture has 5% in Final exam (Weeks 10-16 = 35%)
- Class attendance (10%)
- In-class activities (KB 5% + PH 5% + WS 6% + DN 4%)

Resource and literatures:

- Urry LA, Cain ML, Wasserman SA, Minorsky PV, Orr RB and Campbell NA (2020) "Campbell Biology". 12th Ed. Pearson Education. New York, NY: USA.
- Starr, C., Evers, C.A. and Starr, L. (2017) Biology: Concepts and Applications. Thomson Brooks/Cole.