

Course Syllabus for Principles of Biology 2 (SCBE113)

Credit: 3(3-0-6)

Time: Wednesdays 08:30-11.30 o'clock

Coordinator: Pahol Kosiyachinda

Lecturers: Pahol Kosiyachinda and Ekgachai Jeratthitikul

Google class code: ddh32hd

Place: SC1 Students: BE

Week	Date	Topic	Lecturer
1	20 Jan	Introduction to Taxonomy (Classification, Binomial nomenclature)	Pahol
2	27 Jan	Diversity of sub-cellular organism	Pahol
3	3 Feb	Diversity of Prokaryotes (Archaea, Bacteria, Cyanobacteria)	Pahol
4	10 Feb	Diversity of Protists (Algae, Protozoas, Slime Molds, Water Molds)	Pahol
5	17 Feb	Diversity of Fungi (Zygomycetes, Ascomycetes, Basidiomycetes)	Pahol
6	24 Feb	Diversity of Plants (Non-vascular and vascular plants)	Pahol
7	17 Feb	Diversity of Plants (Flowering plants)	Pahol
8	3 Mar	Diversity of Invertebrates	Pahol
9	10 Mar	Diversity of Chordates (Urochordate, Vertebrates)	Pahol
10	17 Mar	Midterm Examination	
11	24 Mar	Introduction to Animal Physiology 1. Digestive system 2. Respiratory system and gas exchange system	Ekgachai
12	31 Mar	3. Circulatory system 4. Immune system	Ekgachai
13	7 Apr	5. Excretory system	Ekgachai
14	21 Apr	6. Nervous system and sensory system 7. Muscular system and bones	Ekgachai
15	28 Apr	8. Endocrine system and hormones	Ekgachai
16	5 May	9. Reproductive system and development	Ekgachai
17	11-21 May	Final Examination	

Score allocation: [Midterm (Weeks 1-9 = 40%) + Final (Weeks 11-16 = 40%)]

Class participation and in-class activities: Each lecturer has 10% as the students' formative score.