

Course Syllabus  
 Essential Biology (SCBE 121)  
 Academic year 2024; Monday 8.30 – 10.30 am  
 Google classroom code: ayy645o

Course coordinators & Instructors: Asst. Prof. Puey Ounjai, Ph.D. (PO)

Week	Date	Lecture	Instructor
1	5 August	Orientation	PO, AD
2	12 August	No class (Self-study: Biomolecule)	
3	19 August	Origin of life	PO
4	26 August	Prokaryotic Cell Biology	PO
5	2 September	Eukaryotic Cell Biology (I)	PO
6	9 September	Eukaryotic Cell Biology (II)	PO
7	16 September	Enzymes & Metabolism	PO
8	23 September	Bioenergetics	PO
Midterm examination			
10	7 October	Pattern of inheritance	AD
11	14 October	Holiday	
12	21 October	Molecular Genetics & Gene Editing	AD
13	28 October	Evolution and Medicine	PO
14	4 November	Cell signaling, Cell Cycle & Cancer	PO
15	14 November	Molecular medicine	AD
16	11 November	Bioethics	PO, AD
17	18 November	QA & Class reflection	PO, AD
Final examination			

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Course evaluation (SCBE121):	1. Class work & Quiz	25 %
	2. Midterm examination	35 %
	2. Final examination	40 %

Students must receive a score of 50% or more to pass the course

Appeal Procedure: Should the students have any appeal regarding the assessments or grade, inquiry can be made to the instructors and/or the course coordinator immediately either by direct contact, telephone or email.