

## Course Syllabus

### SCBE 305 Scientific Research and Presentation

Thursday: 13.30-16.30      Location: SC1-155

Week	Month	Date	Topic	Lecturer
1	January	8	Class orientation	PJS
2		15	Scientific literature search and references	TP
3		22	Title, Abstract, Introduction, Materials and Methods	AS
4		29	Results Discussion and Conclusion	AS
5	February	5	Building a research proposal (I)	PJS
6		12	Building a research proposal (II)	PJS
7		19	Building a research proposal (III)	PJS
8		26	Building a research proposal (IV)	PJS
9	March	12	Developing a poster (I)	PJS
10		16	Developing a poster (II)	PJS
11		19	Developing a poster (III)	PJS
12	April	2	Developing a poster (IV)	PJS
13		10*	Pitching (I)	PJS
14		16	Pitching (II)	PJS
15		23	Pitching (III)	PJS
16		24*	Overall report	PJS

\*class is carried outside the typical schedule.

#### Evaluation:

The students will be evaluated by in-class activities, personal developments, and presentation in the form of oral presentation, poster presentation, and research report. These components will be weighted as follows:

Poster presentation: 30%

Research proposal: 40%

Pitching presentation: 20%

Class participation: 10%

Personal improvement: 10 (Bonus) will be given to individual after the overall final evaluation.

Students will be evaluated based on their improvement from the beginning of the class until the end. This bonus score is solely judged by the class coordinator who is engaged and familiar with each student.

Your grade will be calculated based on the relative performance of the whole class; however, you must receive more than 80% to be qualified for an A. Regular attendance and participation in class is required to make the experience of this genetics class more meaningful. Attendance in the recitation sessions is necessary for you to keep up with the topics we cover.

#### Other Course Policies

**Make up tests:** If you miss an exam because of an excused absence, contact class coordinator immediately and present the coordinator with written validation for your excused absence. Valid excuses are as described in the University Bulletin. Make-ups for missed exams and quizzes will be scheduled within one week of the original exam. After that point, the missed exam will be the dropped exam. If you miss the final exam because of an excused absence or you miss a scheduled make-up test, you will be given an “I” letter grade for the course. See the coordinator immediately with validation for your excused absence and we will make arrangements for you to make up the final exam or test and the coordinator will change your grade from “I” to the appropriate letter grade immediately on your completion of the tests. Other aspects of the policy for make-up work in this course are as described in the University Bulletin.

**Cheating and plagiarism:** We have “0” tolerance for any forms of cheating and plagiarism. If you are not sure whether you are plagiarizing others. Please refer to the university bulletin or contact me prior to the submission of assignments.

#### **Course Coordinator and Instructors**

1 Course Instructor

Assoc. Prof. Patompong Johns Saengwilai

Department of Biology, Faculty of Science, Mahidol University

Email: Patompong.sae@mahidol.edu

2 Instructors

1. Assoc. Prof. Patompong Johns Saengwilai (PJS)

2. Assoc. Prof. Alyssa Stewart (AS)

3. Dr. Toemthip Poolpak (TP)

\*\* All communication can be done directly through course coordinator via email or google classroom post.