

Course syllabus

SCBE 499 Independent Research Project in Bioresources and Environmental Biology

Lecture Wednesday: 13.30-16:30 Room: SC1-159

classroom Code:rr376cem

Date	Topic	Instructor
Aug 5	Orientation	PJS
Aug 26	Submit the first research progress report	PJS
Sep 30	Submit the second research progress report	PJS
Oct 28	Submit the third research progress report	PJS
Nov 11	Submit a full report draft to advisor	PJS
Nov 25	Research defense	PJS
Nov 27	Final report submission	PJS

Important information:

1. Students may choose research advisor (s) based on their interest.
2. Research progress submission: Each research progress submission must explicitly state and demonstrate the development and improvement of the research. Each progress must be approved by a major advisor (electronically sign) before uploading to google classroom.
3. At the research defense, students will have 15 min to present and 5 min to defend their research.
4. All students are required to attend the presentation

Evaluation:

The students will be evaluated by the course coordinator as well as their chosen research advisor. The scores are divided as the following.

1. Advisor 70%
2. Course coordinator 10%; proposal format and punctuation of submission
3. Research defense 15%
4. Class participation 5%

Grading:

Score	Grade	Score	Grade
85-100	A	65-69	C
80-84	B+	60-65	D+
75-79	B	55-59	D
70-74	C+	<55	F

Course Coordinator:

Assoc. Prof. Patompong Johns Saengwilai

Department of Biology, Faculty of Science, Mahidol University

Email: Patompong.sae@mahidol.edu

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

Project components:

1. Cover page
2. Inner cover page with student's and advisor's signature
3. Executive summary
4. Rationale and Significance
5. Literature review
6. Objectives
7. Scope of research
8. Hypothesis
9. Materials and methods
10. Results
11. Discussion
12. Conclusion
13. References

Page setup

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- Bottom 2.5 cm
- Left 3 cm
- Right 1.15 cm

Font

- Title: TH SarabunPSK 18 and bold style
- Content: TH SarabunPSK 16
- Scientific names must be shown correctly.
- Figures and tables that are not made by yourself must be accompanied by proper citations.