



Course Syllabus (Academic Year 2020)

School of Interdisciplinary Studies, Kanchanaburi Campus, Mahidol University

- Course No. and Title:** KACB 493 Seminar in Conservation Biology I
Credit (study hours): 1 (0-3-1)
- Program Name:** Bachelor of Science in Conservation Biology
- Course Module:** Gen.Edu. course Core course Elective course
Pre/co-requisite: KACB 301
- Semester:** 1stsemester 2ndsemester 3rdsemester
- Class Schedule & Venue:** Wednesday, 09:00-12:00 – MU Webex Online
Course Activity on Google Classroom; **Class code - blyokv**
- Course Coordinator:** **Lect. Chetsada Phaenak**, Tel. 080-0762169, Email: chetsada.pha@mahidol.edu
Lect. Chanpen Saralamba, Tel. 087-5090665, Email: chanpen.sar@mahidol.edu

7. Course Description:

สืบค้น รวบรวม เรียบเรียง วิเคราะห์และสรุปข้อมูลจากบทความวิจัยทางชีววิทยาเชิงอนุรักษ์ตามหัวข้อที่ตนสนใจ นำเสนอผลงานวิจัยจากการค้นคว้าของตนเองภายใต้คำแนะนำของอาจารย์ ปฏิบัติตนในฐานะผู้เข้าร่วมสัมมนาทางวิชาการได้อย่างเหมาะสม

Searching, gathering, compiling, discussions, and concluding the information from reliable scientific research articles for individual interested topics related to conservation biology; Individual presentations under the advice of instructors; performing the appropriate manner as participants in the seminar

8. Course Objectives / Course Learning Outcomes (CLOs)

CLOs	Objectives/Course Learning Outcomes (CLOs)	PLOs*
1	Search scientific literature in biology or conservation biology for selecting the interested scientific article	4, 5
2	Read the scientific article comprehensively for analyzing and summarizing the research	5, 6
3	Write the abstract concisely for concluding important information in the seminar presentation	5, 6
4	Perform the scientific presentation to the audience and be able to answer or discuss the questions scientifically relate to fundamental biology and biological conservation	1, 2, 3, 6, 8

NOTE PLO 1: Analyze biodiversity functions, value, status, trend, and their threats for monitoring and solving biodiversity problems.

PLO 2: Interrelate biological sciences, relevant social sciences and economics to conserve biodiversity and sustainable development.

PLO 3: Construct the conservation management plan with appropriate methods for solving the biodiversity problems with the given conditions.

PLO 4: Conduct the scientific research to solve the particular problem related to biodiversity conservation.

PLO 5: Apply the information technology for supporting biodiversity conservation management effectively, morally, and ethically.

PLO 6: Apply the appropriate communication to support biodiversity conservation management.

PLO 8: Show concern about the ideas of caring both local and global biodiversity.

9. Class Instructor List

No.	English Name	Thai Name	E-mail
1.	Lect. Chanpen Saralamba (CS)	อาจารย์ จันทร์เพ็ญ ศรีลัมพ์	chanpen.sar@mahidol.edu
2.	Lect. Chetsada Phaenark (CP)	อาจารย์ เฉษฐา แพนาค	chetsada.pha@mahidol.edu
3.	Lect. Weerachon Sawangproh (WS)	อาจารย์ วีระชน สว่างเพราะ	weerachon.saw@mahidol.edu

10. Course Outline

Week	Date	Contents	CLOs	Instructor(s)
1	11 Aug 2021	<ul style="list-style-type: none"> Course orientation how to do literature search and select seminar topic 	1	CP, CS, WS
2	18 Aug 2021	How to manage the reference and use basic Endnotes	1	CS, CP, WS
3	25 Sep 2021	How to read scientific paper and write the abstract	2,3	CP, CS, WS
4	1 Sep 2021	How to interpret and conclude the statistical data for scientific presentation Student have to send the Literature search work (CLO1)	2	WS, CS, CP
5	8 Sep 2021	Journal Club – short presentation and discussion for selecting the research article	2	CP, CS, WS
6	15 Sep 2021	Journal Club – short presentation and discussion for selecting the research article	2	CP, CS, WS
7	22 Sep 2021	How to prepare a good seminar presentation (Presentation and styles) Student have to submit the Seminar topic & Summary (CLO2)	4	CS, CP, WS
8	29 Sep 2021	How to give a good seminar presentation (Scientific and Public speaking) Student have to submit the Abstract (CLO3)	4	WS, CS, CP
9	4–8 Oct 2021	Mid-term examination		
10	13 Oct. 2021	1st seminar presentation 1. 2.	4	CP, CS, WS
11	20 Oct 2021	2nd seminar presentation 3. 4.	4	CP, CS, WS
12	27 Oct 2021	3rd seminar presentation 5. 6.	4	CP, CS, WS
13	3 Nov 2021	4th seminar presentation 7. Course Conclusion, The direction of future seminar	4	CP, CS, WS
14	10 Nov 2021	Brief proposal presentation to advisory committee (KACB495 Project in CB)		All lecturers in CB
15	17 Nov 2021	Project Proposal Presentation (KACB495 Project in CB)		All lecturers in CB
16	24 Nov 2021	Free time for doing their own work		
17	29 Nov–10 Dec 21	Final Examination		

11. Course Assessment

11.1 Students have to attend/participate the class more than 80%.

If the students attend in the class less than 80%, they will be announced to disqualification for the later course assessment activities. Thus, the unexpected matters bring to an absence in the class, please contact course coordinator to fill in the application form and attached the evidence of absence.

11.2 Students will get the score for grading from the following course activities;

No.	Methods / Activities	Regulations**	CLOs	Week	Weight Distribution (%)	
1.	Literature search work	Individual skill evaluated by the correction of assignment (according to scoring criteria – rubric scales)	1	1 - 4	10	
2.	Research summary work (Thai)	Individual skill evaluated by the correction and readable of research summary	2	3 - 7	10	
3.	Abstract writing work (English)	Individual skill evaluated by the correction of abstract (according to scoring criteria – rubric scales)	3	3 - 8	10	
4.	Seminar presentation (presentation performance, asking/answering the question, and discussion in the class)	Evaluate individual performance (according to scoring criteria – rubric scales)	4	10 - 13	60	
5.	Responsibility and class participation	Evaluation with the responsibility to work on due date (every couple days) and class attendance & participation in the class	1,2,3,4	All week	10	
					Total score (for grading as shown in 12.)	100

12. Grading System

Grading system in this course is based on criterion-referenced evaluation as following

Grade	A	B+	B	C+	C	D+	D	F
Total Score	≥ 80 %	75 – 79%	70 – 74%	65 – 69%	60 – 64%	55 – 59%	50 – 54%	< 50 %

13. References and resources

- Alley, M. (2017). *The craft of scientific writing* 4th ed. Springer: Science+Business, New York.
- Alley, M. (2013). *The craft of scientific presentations: critical steps to succeed and critical errors to avoid* 2nd ed. Science&Business, New York.
- Nair, P.K.R. & Nair, V. D. (2014). *Scientific writing and communication in agriculture and natural resources*. Springer International Publishing, Switzerland.
- <https://conbio.org/professional-development/advice-for-students/advice-for-oral-presentations/>
- <https://conbio.org/professional-development/advice-for-students/advice-for-abstracts/>