

Course Specification

Name of Institution Mahidol University
 Campus/Faculty/Department Faculty of Veterinary Science

Section 1 General Information

1. Course Code and Title

VSID 701 Seminar in Veterinary Biomed II
 สพคร 701 สัมมนาชีวเวชศาสตร์ทางการสัตวแพทย์ 2

2. Number of Credits

1 (1-0-2) Credits (lecture – laboratory – self-study)

3. Curriculum and Course Type

Program of Study Master of Science Program in Veterinary Biomedical Sciences
 Course Type Core Required Electives

4. Faculty Member in Charge of this Course and Advisor of Internship

4.1 Faculty Member in Charge of this Course

Name Dr. Nae Tanpradit

Contact Department of Clinical Science and Public Health

phone number 02-441-5242-4 (2232) e-mail: nae.tan@mahidol.edu

Name Dr. Apisit Pornthummawat

Contact Department of Pre-Clinic and Applied animal science

phone number 02-441-5242-4 (1551) e-mail: apisit.por@mahidol.ac.th

4.2 Lecturers

Instructors of the Department of Preclinic and Applied Animal Science and the Department of Clinical Science and Public Health

5. Semester/The training experience required in the curriculum

Semester 2 / Class Level or year 1

6. Pre-requisite

None

7. Co-requisite

None

8. Venue of Study

Matchanu meeting room (Slope, first floor), Faculty of Veterinary Science,
Mahidol University

9. Date of Latest Revision

January 8th , 2024

Section 2 Goals and Objectives

1. Course Goals

This course aims to provide knowledge and abilities as follows:

- 1) Determine and select the appropriate article that corresponds to the thesis
- 2) Make criticisms and discussion about the academic publication
- 3) Show the literature presentation, writing, and discussion in class
- 4) Know the ethical research in academic publication

2. Objectives of Course Development/Revision Field Experience Course

Update the curriculum to raise student achievement and update interesting research topic of Veterinary Science based on the subject of the student interests or theses

3. Course-level Learning Outcomes: CLOs

This course aims to provide knowledge and abilities as follows:

1. CLO1 Justify the scientific publication with bioethics and academic morals
2. CLO2 Adapt and assemble the scientific publication to the companion animal medicine, production medicine, pathology and epidemiology
3. CLO3 Construct the research proposals using appropriate methodology with ethical standards for animal uses

4. CLO4 Development the individual works, good interpersonal relation, and an appropriate role as either leaders or follower
5. CLO5 Develop and design the scientific presentation base on academic communication, and information searching skills

Section 3 Course Management

1. Course Description

ภาษาไทย นักศึกษานำเสนอหัวข้อวิจัยที่ทันสมัยและน่าสนใจด้านวิทยาศาสตร์ทางการแพทย์ ตามหัวข้อที่นักศึกษาสนใจหรือเกี่ยวเนื่องกับวิทยานิพนธ์

ภาษาอังกฤษ Students update interesting research topic of Veterinary Science based on the subject of the student interests or theses

2. Credit Hours per Semester

Lecture	15	Hour
Laboratory/Field Trip/Internship	0	Hour
Laboratory	0	Hour
Self Study	30	Hour

3. Number of hours that lecturers provide counseling and guidance to individual student

1 hour per week

Section 4 Development of Students' Learning Outcome

1. A brief summary of the knowledge or skills expected to develop in students; the course-level expected learning outcomes (CLOs) On completion of the course, students will be able to:

1. CLO1 Justify the scientific publication with bioethics and academic morals

2. CLO2 Adapt and assemble the scientific publication to the companion animal medicine, production medicine, pathology and epidemiology
3. CLO3 Construct the research proposals using appropriate methodology with ethical standards for animal uses
4. CLO4 Development the individual works, good interpersonal relation, and an appropriate role as either leaders or follower
5. CLO5 Develop and design the scientific presentation base on academic communication, and information seaching skills

2. How to organize learning experiences to develop the knowledge or skills stated in number 1 and how to measure the learning outcomes

CLOs	Teaching and learning experience management	Learning outcomes measurements		
	Individual Work and advisor consultation	Attention, answering	Abstract writing	Presentation
CLO1	X	X		X
CLO2	X	X		X
CLO3	X	X	X	X
CLO4	X		X	X
CLO 5	X	X	X	X

Section 5 Teaching and Evaluation Plans

1. Teaching Plan

Week or No.	Topic	Hours			Teaching Methods / Media	CLOs	Lecturers
		Lecture	Laboratory	Self Study			
1	Orientation	1	-	2	Presentation/Powerpoint	4	Course coordinators
2	Seminar 1	2	-	-	Presentation/Powerpoint	1-5	Coordinators/ Instructors

3	Self study	-	-	4			Advisors
4	Seminar 2	2	-	-	Presentation/Powerpoint	1-5	Coordinators/ Instructors
5	Self study	-	-	4			Advisors
6	Seminar 3	2	-	-	Presentation/Powerpoint	1-5	Coordinators/ Instructors
7	Self study	-	-	4			Advisors
8	Seminar 4	2	-	-	Presentation/Powerpoint	1-5	Coordinators/ Instructors
9	Self study	-	-	4			Advisors
10	Seminar 5	2	-	-	Presentation/Powerpoint	1-5	Coordinators/ Instructors
11	Self study	-	-	4			Advisors
12	Seminar 6	2	-	-	Presentation/Powerpoint	1-5	Coordinators/ Instructors
13	Self study	-	-	4			Advisors
14	Seminar 7	2	-	-	Presentation/Powerpoint	1-5	Coordinators/ Instructors
15	Self study	-	-	4			Advisors
Total hours of the entire semester		15	0	30			

2. Evaluation Plan

Learning Outcomes	Evaluation Method				Weight (Percentage)
	Advisor	Abstract writing	Presentation	Attention	
CLO1 Justify the scientific publication with bioethics and academic morals	5	-	2.5	2.5	10
CLO2 Adapt and assemble the scientific publication to the companion animal medicine, production medicine, pathology and	-	-	7.5	7.5	15

Learning Outcomes	Evaluation Method				Weight (Percentage)
	Advisor	Abstract writing	Presentation	Attention	
epidemiology					
CLO3 Construct the research proposals using appropriate methodology with ethical standards for animal uses	-	10	10	5	25
CLO4 Development the individual works, good interpersonal relation, and an appropriate role as either leaders or follower	10	5	10	-	25
CLO5 Develop and design the scientific presentation base on academic communication, and information searching skills	-	10	10	5	25
Total	15	25	40	20	100

3. Measurement and evaluation

The assessment is performed during the course to measure the progress and development of students' learning by observing the behavior change and improvement of students' behavior and performance. The assessment results will be notified to the students (feedback) so that the students are constantly able to improve themselves. The assessment results are not included with the test scores at the end of the course.

4. Students' Appeal

Should the students have any suspicion or appeals to the teaching and learning activities and the grade assessment, students could make the appeal by

filling in the form at MUVS' Academic Affairs. The appeal will be proposed to the course coordinator to consider the request. If the appeal could not be addressed at this point, it will be further process by the program's Teaching and Learning Development Committee. In case that the committee suggested further investigation should be done, the appeal will be purposed to the faculty's appealing committee to address the issue.

Section 6 Teaching Materials and Resources

1. Textbooks and Main Documents

Day R. and Gastel B. How to write and publish and scientific paper. 7th ed. The University Press: Cambridge; 2012.

2. Documents and Important Information

- Academic Search Ultimate (EBSCLO)
- Biomed Central (BMC)
- Google scholar
- SCOPUS
- Nature Journal (Springer Nature)
- Pubmed
- SAGE online
- Scienedirect

3. Documents and Recommended Information

- Academic Search Ultimate (EBSCLO)
- Biomed Central (BMC)
- Google scholar
- SCOPUS
- Nature Journal (Springer Nature)
- Pubmed
- SAGE online
- Scienedirect

Section 7 Evaluation and Improvement of Course Management

1. Strategies for Evaluation of Course Effectiveness by Students

At the end of each course, it is required for the students to assess the teaching of each instructor based on the following criteria: punctuality, good role model, application of morals and ethics for the instruction, ability to convey knowledge and encourage students to learn, giving opportunities for students to ask questions and to comment during the study.

The overall outcomes of each course will also be assessed by the students for the following issues: the instructor's knowledge and competency, the course's effectiveness, student's satisfaction with the study, and other comments from students. The evaluation is conducted through online platform.

2. Strategies for Evaluation of Teaching Methods

The instructors or the course coordinators are assigned to conduct the evaluation as follows.

2.1 the students' evaluation for the instruction and overall outcomes of the course in accordance to criteria mentioned in No. 1 – Strategy for Course Effectiveness by Students.

2.2 The instructors must perform self-assessment for the following criteria.

- (1) Appropriate time spent to prepare for the teaching.
- (2) The instructor's satisfaction with the teaching results.
- (3) Solutions or recommendations for the program's teaching improvement or self-improvement for the next class/academic year.

3. Improvement of Teaching Methods

Prior to each academic year, there are meetings/seminars for the instructors of each course to plan to improve the course's teaching and learning management based on the following information.

- (1) the students' academic performance
- (2) the students' evaluation results
- (3) the instructors' assessment results

4. Verification of Students' Learning Outcome

The verification of the standard of the Learning Outcome for the Course is conducted by the course coordinators based on the following aspects.

- (1) The goals of the learning outcomes are clear and feasible.

- (2) The learning experience is aligned with the expected goals.
- (3) The learning experience encourages the students to research and practice self-learning skills.
- (4) The evaluation methods are appropriate to assess the expected goals and learning experience.
- (5) The program applied the educational theory and the results from the previous evaluation to plan for improvement.

At the end of each academic year, the course coordinators, instructors, the Program Committee, and the Teaching and Learning Development Committee will consider the assessment results and the Learning Outcome for the Course to plan for the improvement of the next academic year.

5. Review and Plan to Improve Course Effectiveness

After the course evaluation and verification, the course effectiveness will be improved through the following:

- (1) The course is revised every 3 years according to the evaluation and verification.
- (2) Rotation or changing of instructors so students get different research points of view.

Appendix

Relations between the course and the program

Table 1 Relations between the course and the PLOs

	PLOs					
	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6
VSID701 / Seminar in Veterinary Biomed II / 2 (1-0-2)	P	M	R	R	M	P

Program Learning Outcomes (TQF.2)

PLO 1 Manage ethical and moral problems in field practice with evidence-based approaches and leadership together with appropriate logic and value.

PLO 2 Prioritize scientific information in biomedical veterinary science and apply the beneficial output to develop laboratory practice and research study.

PLO 3 Integrate the theory and experiences together with scientific evidences to develop the new knowledge in veterinary science through research study.

PLO 4 Communicate efficiently with multidisciplinary academic colleagues and staff by using the communicate appropriately with the individual groups, both in academic and professional

PLO 5 Utilize digital and information technology (IT) to encourage working network communication, data analysis together with presentation and research publication.

PLO 6 Evaluate principles, purposes, strong critical-thinking with problem-solving skills, to utilizing veterinary science literacy as integral part of the thought process.

Table 2 Relations between CLOs and PLOs

CLOs	PLOs					
	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6
CLO1 Determine and select the appropriate article that corresponds to the thesis		M	R		M	P
CLO2 Make criticisms and discussion about the academic publication		P	R			
CLO3 Show the literature presentation, writing, and discussion in class				R		
CLO4 Develop ethical research practices through academic publication	P					

Course instructions for VSCL701: Seminar in Veterinary Biomed II

Students who registered for VSCL701, Seminar in Veterinary Biomed II, have to present either updating interesting research topic of their interest based on their major subjects or progress report that your thesis advisor suggested, or advisor considered appropriated.

1. Presentation

The presentation will be onsite at the Matchanu meeting room (first floor slope room). Each session must be moderated by a moderator appointed by the students. The moderator assists the speakers and the audience throughout the session by introducing presenters, keeping the session running smoothly. The moderator will make sure that the speakers stick to the time and the moderator asks and moderates questions. The presenter will be given 30 min divided into 20 mins for content presentation and 15 mins for Q&A. The break between presentations will be 5 mins.

2. Abstract

All presenters need to distribute the abstract to the course coordinators 1 weeks before the presentation (VSID 701; Ajarn Apisit; apisit.por@mahidol.edu , and Ajarn Nae; nae.tan@mahidol.edu, VSCL 803; Ajarn Kripitch; kripitch.sut@mahidol.edu), and Ajarn Arpron; arpron.lee@mahidol.edu) The abstract MUST never exceeds 300 words. The abstract submission and writing are subjected to be graded by instructors. The format of the abstract should follow this link: <https://www.scribbr.com/apa-style/apa-abstract/>. All abstracts submitted will be checked for plagiarism. The abstract that does not meet the requirements nor is subjected to be plagiarized article will be rejected.

3. Invitation

The topics of the presentation each session need to be sent to Ms. Pornpen; pornpen.phu@mahidol.edu, 2 weeks before the presentation. The student must advertise each presentation session by pinning the A5 ad to the elevator bulletin boards (sign the date and time in the ad yourself) or email to Ms. Pornpen. All students enrolled need to follow the instruction carefully. If there are any questions, please ask the course coordinator accordingly.

Schedule for Seminar in Veterinary Biomed II and Doctoral Seminar in Veterinary Science II
Semester 2/2023

No.	Date	Time	Student's name	Instructor's name/Advisor
1	17/01/2024	13.00-14.00	Orientation	Dr. Kripitch Sutummaporn Assit. Prof Arpron Leesombun Dr. Nae Tanpradit Dr. Apisit Pornthummawat
2	14/02/2024	14.10-14.45	Sukanta Das	Assoc. Prof. Sivapong Sungpradit
3	21/02/2024	13.30-14.05	Theerawit Chottianchai	Assoc. Prof. Sivapong Sungpradit
4	3/04/2024	13.30-14.05	Pornsuda Khotapat	Dr. Podjana wattananit
		14.10-14.45	Suchana Aruvornlop	Asst.Prof. Nlin Arya
5	10/04/2024	13.30-14.05	Supatsorn Chatsiriyinyong	Assoc.Prof. Kampon Kaeoket
		14.10-14.45	Keiichiro Tazawa	Asst. Prof. Sarin Supawapakadee
6	1/05/2024	13.30-14.05	Siriporn Tippol	Asst.Prof. Roschong Boonyarittichaikij
		14.10-14.45	Kyaw wai yan htay	Asst. Prof. NLIN ARYA, Dr. Podjana wattananit