



Program: Doctor of Veterinary Medicine
Course title Companion animals care
Course code VSGE 201

Academic degree level ☒ Bachelor ☐ Graduate Diploma ☐ Master
☐ Higher Graduate Diploma ☐ Doctor

Faculty / College / Institute: Faculty of Veterinary Science
Department Pre-clinic and Applied animal science

TQF 3 Course Specification

Section 1 General Information

1. Course Code and Title

In Thai	สพศท ๒๐๑ การดูแลสัตว์เลี้ยง
In English	VSGE 201 Companion animals care

2. Number of Credits

2
(Theory 2 hrs. Practice 0 hrs. Self-Study 4 hrs./week)

3. Curriculum and Course Type

3.1 Curriculum	Bachelor Degree Program (Thai)
3.2 Course Type	Specific Course ☐ Compulsory Course ☒ Electives

4. Course Coordinator and Lecturer

4.1 Course Responsible Lecturers

4.1.1. Panpanga Sangsuriya	Pre-clinic and applied animal science Tel: 02-4415242 ext 1529 e-mail: Panpanga.san@mahidol.edu
4.1.2. Assist.Prof. Charoonluk Jirapattharasate	Pre-clinic and applied animal science Tel: 02-4415242 ext 1535 e-mail: Charoonluk.jir@mahidol.edu

4.2 Lecturers

4.2.1. Panpanga Sangsuriya	Pre-clinic and applied animal science Tel: 02-4415242 ext 1529 e-mail: Panpanga.san@mahidol.edu
4.2.2. Assist.Prof. Charoonluk Jirapattharasate	Pre-clinic and applied animal science Tel: 02-4415242 ext 1535 e-mail: Charoonluk.jir@mahidol.edu
4.2.3. Dr. Jeerawat Soonthornsit	Pre-clinic and applied animal science Tel: 02-4415242 ext 1544 e-mail: Jeerawat.soo@mahidol.edu
4.2.4. Assist. Prof. Surasak Jittakhot	Pre-clinic and applied animal science Tel: 02-4415242 ext 1524 e-mail: Surasak.jit@mahidol.edu
4.2.5. Dr. Prarom Sriphavatsarakom	Pre-clinic and applied animal science Tel: 02-4415242 ext 1527 e-mail: Prarom.sri@mahidol.edu
4.2.6. Dr. Roschong Boonyarittichaikij	Clinical Science and Public Health Med



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Tel: 02-4415242 ext 2223 e-mail: Roschong.boo@mahidol.edu

4.2.7. Dr.Parichart Tesena

Clinical Science and Public Health Med

Tel: 02-4415242 ext 2223 e-mail: Parichart.tes@mahidol.edu

5. Semester/Class Level

5.1 Semester 2 / Class Level 2

5.2 Number of Students Allowed Approximately 80 Students

6. Pre-requisite

none

7. Co-requisites

none

8. Study Site Location Faculty of Veterinary Science, Mahidol University

9. Date of Preparation/Latest Revision of the Course Specifications

15 December 2021

Section 2 Aims and Objectives

1. Course Goals

Students will be able to describe the basic anatomy of dogs and cats. Popular breeds of dogs and cats' behavior in each species including general health care food intake and food types Reproduction, care during pregnancy, after giving birth. Students will obtain basic knowledge related to dog contest including special care for pets Poultry and horse animals. At the end of the course, students can apply their knowledge or give further advice, including having awareness of responsible animal husbandry

2. Objectives of Course Development/Revision

2.1 Course Objectives

This course aims to provide knowledge and abilities as follows:

- 2.1.1. To obtain a knowledge of popular dog and cat breeds, habits and characteristics of the breed
- 2.1.2. To obtain a basic knowledge of dog and cat behavior as well as the use of basic commands
- 2.1.3. To obtain a knowledge of reproductive management, care during pregnancy and care after giving birth
- 2.1.4. To obtain a knowledge of food types and to provide the correct food for pets
- 2.1.5. To obtain a knowledge about basic pet health care at different ages, health problems, various infectious diseases, including prevention and preliminary correction
- 2.1.6. To obtain a basic knowledge about dog contests
- 2.1.7. To obtain a basic knowledge about horse care
- 2.1.8. To obtain a knowledge of caring for exotic pets.



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2.1.9. To obtain a knowledge about taking care of birds

2.2 Course-level Learning Outcomes: CLOs

On completion of the course, the students will be able to

1. CLO1 To describe popular dog and cat breeds, habits and characteristics of the breed
2. CLO2 To describe basic dog and cat behavior and use basic commands
3. CLO3 To describe reproductive management, care during pregnancy and care after giving birth
4. CLO4 To describe food types and to provide the correct food for pets
5. CLO5 To describe about basic pet health care at different ages, health problems, various infectious diseases, including prevention and preliminary correction
6. CLO6 To describe about dog contests
7. CLO7 To describe about horse care
8. CLO8 To describe about caring for exotic pets
9. CLO9 To describe about taking care of birds

Section 3 Course Description and Implementation

1. Course Description

(Thai) พันธุ์ของสุนัขและแมว อุปนิสัยและลักษณะประจำสายพันธุ์ พฤติกรรมของสุนัขและแมว การดูแลสุขภาพสัตว์เลี้ยงในชั้นพื้นฐาน การจัดการอาหาร ระบบสืบพันธุ์ การป้องกันโรค การดูแลสุขภาพม้า กลุ่มสัตว์เลี้ยงชนิดพิเศษ สัตว์ปีก และม้า

(English) Dog and cat breeds, behavior, general health care of dog and cat, nutrition management, re-production, preventive medicine and general health care of exotic pets, avian and horse

2. Number of hours per semester

Theory (hours)	Practice (hours)	Self-study (hours)
30	0	90

3. Number of Hours per Week for Individual Advice

1 hour/week



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Section 4: Development of the expected learning outcomes

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 Describe popular dog and cat breeds, habits and characteristics of the breed
2. CLO2 Describe basic dog and cat behavior and use basic commands
3. CLO3 Describe reproductive management, care during pregnancy and care after giving birth
4. CLO4 Describe food types and to provide the correct food for pets
5. CLO5 Describe about basic pet health care at different ages, health problems, various infectious diseases, including prevention and preliminary correction
6. CLO6 Describe about dog contests
7. CLO7 Describe about horse care
8. CLO8 Describe about caring for exotic pets.
9. CLO9 Describe about taking care of birds

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			
	Lecture	-	-	-	MCQ	Assay	Group report	-
CLO1	✓					✓		
CLO2	✓						✓	
CLO3	✓				✓			
CLO4	✓				✓			
CLO5	✓					✓	✓	
CLO6	✓					✓		
CLO7	✓				✓			
CLO8	✓				✓			
CLO9	✓					✓		



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SECTION 5 LESSON PLAN AND EVALUATION

1. Lesson Plan

Teaching Period	Topics/Details	Number of hours		Methods: Teaching Media	Lecturer
		Theory*	Practice**		
1	- Introducing the course on caring for dogs and cats. -Breed, selection, purchase, preparation for raising dogs and cats	2:0	0	Lecture: ppt	Panpanga Sangsuriya
2	Bathing, trimming and grooming dogs	2:0	0	Lecture: ppt	Panpanga Sangsuriya
3	How to keep dogs and cats happy	2:0	0	Lecture: ppt	Prarom Sriphavatsarakom
4	First Aid and Elderly Animal Care	2:0	0	Lecture: ppt	Jeerawat Soonthornsit
5	or Reproduction and contraception maternity care, giving birth and care after giving birth	2:0	0	Lecture: ppt	Jeerawat Soonthornsit
6	General health care: washing eyes, brushing teeth, giving medication	2:0	0	Lecture: ppt	Charoonluk Jirapattharasate
7	Parasites and infectious diseases that are common in dogs and cats.	2:0	0	Lecture: ppt	Charoonluk Jirapattharasate



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Teaching Period	Topics/Details	Number of hours		Methods: Teaching Media	Lecturer
		Theory*	Practice**		
	treatment and prevention				
8	Basic nutrition for dogs	2:0	0	Lecture: ppt	Surasak Jittakhot
9	Basic nutrition for cats	2:0	0	Lecture: ppt	Surasak Jittakhot
10	Dog contest	2:0	0	Lecture: ppt	Panpanga Sangsuriya
11	Raising and caring for birds	2:0	0	Lecture: ppt	Panpanga Sangsuriya
12	caring for small mammals and rodents	2:0	0	Lecture: ppt	Roschong Boonyarittichaikij
13	Caring for a group of reptiles and amphibians	2:0	0	Lecture: ppt	Roschong Boonyarittichaikij
14	Introduction General Care Diseases found in horses and their prevention	2:0	0	Lecture: ppt	Parichart Tesena
15	Caring for racehorses, equestrian sports	2:0	0	Lecture: ppt	Parichart Tesena
	Total hours of the entire semester	30	0		



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2. Plan for Assessment of Expected Course-Level Learning Outcomes (CLOs)

2.1 Measurement and Evaluation of learning achievement

A. Formative Assessment

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.

B. Summative Assessment

(1) Tool and weight for measurement and evaluation

Learning Outcomes	Evaluation Method*				Weight (Percentage)
	MCQ	Assay	Group report	-	
CLO1 To describe popular dog and cat breeds, habits and characteristics of the breed		13			6.5
CLO2 To describe basic dog and cat behavior and use basic commands			6.5		6.5
CLO3 To describe reproductive management, care during pregnancy and care after giving birth	13				13
CLO4 To describe food types and to provide the correct food for pets	13				13
CLO5 To describe about basic pet health care at different ages, health problems, various infectious diseases, including prevention and preliminary correction		13	2.5		15.5
CLO6 To describe about dog contests		6.5			6.5
CLO7 To describe about horse care	13				13
CLO8 To describe about caring for exotic pets	13				13
CLO9 To describe about taking care of birds		6.5			6.5
total	52	39	9		100



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(2) Measurement and evaluation

The measurement and evaluation use either the criteria-based or group-based system, according to the conditions and methods for academic results evaluation of the Faculty of Veterinary Science, Mahidol University. The grading symbols are: A, B+, B, C+, C, D+, D, and F. Students must receive a 'D' grade or above to pass the criteria.

(3) Re-examination (if the course allows any.)

In case that students received an 'F' grade, the course coordinator and the program's Teaching and Learning Development Committee should, altogether, agreed to allow the students to take the re-examination or extra-course work to pass the course with the following conditions.

For the course with the mean score is higher than 75.00 and the minimum score is not less than 45.00. Students must receive the score higher than 47.50 to take to re-examination or extra-course work.

For the course with the mean score between 60.00 – 74.99, students must receive the score higher than 40.00. However, when the mean score is less than 60.00, students, then, should receive the score higher than 40.00 in order to take the re-examination or extra-course work.

Once students took the re-examination (extra-course work) and the course coordinator had considered the students' re-examination/course work to pass the criteria, then the students will receive the 'D' grade. While waiting for the re-examination or extra-course work result, the students' score should be indicated as 'I' grade.

3. 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 Resources

1. Required Texts

- 1) ปานเทพ รัตนกร คู่มือคนรักหมา, สำนักพิมพ์ผู้จัดการ 1995
- 2) Alderton D. The International Encyclopedia of Pet Care. Howell Book House. 1997.
- 3) Harper D. The Dog Owner's Question & Answer Book. Blandford. 1998.



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- 4) Viner B. The Cat Owner's Question & Answer Book. Universal International. 1998.
- 5) Spadafori G. Dogs for Dummies. IDG Books Worldwide. 1996.
- 6) Spadafori G, Pion PD. Cats for Dummies. IDG Books Worldwide. 1997

2. Suggested Materials

None

3. Other Resources (if any)

None

Section 7 Evaluation and Improvement of Course Implementation

1. Strategy for Course Effectiveness Evaluation 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. Strategy for Teaching Evaluation

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. Teaching Improvement

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



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(3) the instructors' assessment results

4. Verification of Standard of Learning Outcome for the Course

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.

Appendix

Relations between the course and the program

Table 1 Relations between the course and the PLOs

Course Name Companion animals care	PLOs							
	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8
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Table 2 Relations between CLOs and PLOs

(Course Code) VSGE 201	PLOs							
	PLO1	PLO2	PLO3	PLO4	PLO5	PLO6	PLO7	PLO8
CLO1 To describe popular dog and cat breeds, habits and characteristics of the breed	1						7	8
CLO2 To describe basic dog and cat behavior and use basic commands	1						7	8
CLO3 To describe reproductive management, care during pregnancy and care after giving birth	1						7	8
CLO4 To describe food types and to provide the correct food for pets			1				7	8
CLO5 To describe about basic pet health care at different ages, health problems, various infectious diseases, including prevention and preliminary correction	1						7	8
CLO6 To describe about dog contests	1						7	8



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CLO7 To describe about horse care	1						7	8
CLO8 To describe about caring for exotic pets	1						7	8
CLO9 To describe about taking care of birds	1						7	8