



Course Syllabus

First Semester Academic Year 2013

1. Faculty of Agriculture

Tropical Agriculture Major

2. Course Code 01002302

Course Title (Thai) ทรัพยากรสัตว์และการจัดการ

Number of Credit 3(3-0)

(English) Animal Resources and Management

Prerequisite Course None

Group 380

Teaching Date and Location *Friday 09.00-12.00 am.*

Room no.317 Vajiranusorn Building

3. Instructor(s)

3.1 Assoc. Prof. Dr. Somkiert Prasanpanich

3.2 Dr. Viriya Lungyai

3.3 Prof. Dr. Chanvit Vajrabukka

3.4 Assist. Prof. Jumroen Thiengtham

3.5 Assoc. Prof. Chaiyapoom Bunchasakdi

4. Home class guidance

Please connect to 02-5791120, 086-8193363 or

E-mail: agrskp@ku.ac.th

5. Objectives

5.1. To provide students the understandings of importance of animal resource management from farm to industry

5.2. To teach students how to manage waste management and techniques in farm animals and agro-industry related to animal

6. Course Description

The importance of animal resource management and concern in earth warming. The management techniques utilizing waste from farm animals and agro-industry related to animal industry. An economic analysis of animal resource management.

7. Course Outline

1. Introductory to animal resource and management
2. Resource management in beef and dairy cattle
3. Sheep, goat and deer resources and management
4. Management of swine resources
5. Poultry resource management
6. Farm animal resource management
7. Agro-industry animal related resource management

8. Teaching module

Having students as center for learning process. Experiences and application from farm and industry will be explained through LCD

9. Teaching Equipments and Tools

1. Computer Power Point and LCD
2. Literature cited from Web boards

10. Key Performance Evaluation

- | | |
|----------------------|-----|
| 1. Assignment Report | 5% |
| 2. Mid Term Exam | 45% |
| 3. Final Exam | 50% |

4. Class Participation 5%

11. Course Evaluation

Grade	Marks
A	> 71
B ⁺	66-70
B	61-65
C ⁺	56- 60
C	51- 55
D ⁺	46-50
D	40-45
F	<40

12. Reading Text book

12.1 Burton C.H. and C Turner. 2003. Manure Management : Treatment Strategies for Sustainable Agriculture (2 nd ed.). Silsoe Research Institute, Bedford, UK.

12.2 Edwards C.A. 1998. Earthworm Ecology. St. Lucie Press, New York, USA.

12.3 Polprasert C. 1996. Organic Waste Recycling : Technology and Management (2 nd. ed.). John Wiley & Sons, West Sussex, England.

13. Schedule and Outline

Day/Month	Course Outline	Instructor
Aug. 23, 2013	Course Introduction	S. Prasanpanich
Aug. 30, 2013 Sep. 6, 2013	Management of Goat, Sheep, and Deer Resources	C. Vajrabukka (15%)
Sep. 13, 2013 Sep. 20, 2013 Sep. 27, 2013 Oct. 4, 2013	Management of Dairy and Beef Resources	S. Prasanpanich (30%)

Oct. 11, 2013		
	<i>Mid-term Exam 18 October 2013</i>	<i>S. Prasanpanich</i>
Oct. 25, 2013 Nov. 1, 2013	Poultry Resources and Management	C. Bunchasakdi (15%)
Nov. 8, 2013 Nov. 15, 2013	Management of Waste from Farm Animal	W. Rungyai (15%)
Nov. 22, 2013 Nov. 29, 2013 Dec. 6, 2013	Swine Resources and Management	J. Thiengtham (20%)
	<i>Final Exam 13 December, 2013</i>	<i>S. Prasanpanich</i>

14. Others

In case of conflict on examination date and time, please inform at least 2-3 weeks ahead of time to course director.



Assoc. Prof. Dr. Somkiert Prasanpanich

(Course Director)

**Academic Time Table for
01002302 (Animal Resources and Management)**

First Semester, Academic Year 2013

Lecture Time : Friday from 9.00-12.00 am.

@Vajiranusorn Building, Room 317

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