

COURSE SYLLABUS (Code: CN03304)
PRINCIPLE OF HACCP (HAZARD ANALYSIS AND CRITICAL CONTROL POINTS)
AND APPLICATION IN FEED MANUFACTURING

1. General information

Course: Principle of HACCP (Hazard Analysis and Critical Control Points) and Application in feed manufacturing (CN03304)

Credits: 2 (Lecture: 2.0 – Practice: 0 – Self-study: 6.0)

Training program: Animal Science (Option 1: Animal production & Health, Option 2: Animal nutrition & Feed technology)

2. Expected learning outcomes (ELOs)

Notation	Course expected learning outcomes After successfully completing this course, students are able to	Program expected learning outcomes
Knowledge		
K1	Evaluate hazards in animal feed to ensure food hygiene and safety	ELO 3: Evaluate the efficiency of animal breed production, nutrition and animal health
Skills		
K2	Use proficiently multimedia to present issues related to controlling hazards in animal feed to ensure food hygiene and safety	ELO 7: Communicate effectively using multimedia, adapt well in multi-cultural environment; meet the required standards of English proficiency issued by Ministry of Education and Training
Ethics and attitudes		
K3	Comply with HACCP principles in the field of animal feed quality control and management	ELO 12: Comply with state law and specific regulations and professional ethics

3. Brief descriptions

Chapter 1: Animal feed and food hygiene and safety

Chapter 2: Principles of the HACCP system in animal feed manufacturing

Chapter 3: Hazards and control the hazards in feed ingredients

Chapter 4: Standards and safety management systems for industrial animal feed factories

Chapter 5: Plan and register for accreditation of the HACCP system of industrial animal feed factories

4. Learning methods

- Students read the textbooks and references by themselves
- Participate in class discussion
- Find references, discuss
- E-learning: Find and look up references

5. Assessment methods

- Grading scale: 10
- Average point: is the sum of the rubric scores multiplied by the weight of each rubric
 - + Class participation: 10%
 - + Mid-term test: 30%
 - + Final examination: 60%

6. Student tasks

- Attendance: Students must attend at least 75% of the class and participate in class activities (discussion in class and on e-learning system, etc.).
- Seminar: Students must attend all practice content.
- Complete the mid-term test and the final examination.

7. Key academic staffs

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Communicate with key academic staffs: via email, phone and e-learning system.