

COURSE SYLABUS (Code: CN03501)

PIG PRODUCTION

1. General information

Course: Pig production (CN03501)

Credits: 3 (Lecture: 2,0 – Practice: 1,0 – Self-study: 9,0)

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 of technical procedures in animal breeding, nutrition, feed and animal health for different stages	ELO 3: Evaluate the efficiency of animal breed production, nutrition and animal health
K2	Determine the farm requirements to setup a livestock plan for pigs to ensure sustainable livestock production	ELO 4: Design livestock production programs to ensure sustainable development
Skills		
K3	Calculate nutrient requirement for pigs in the different stages	ELO 5: Apply effectively creative and critical thinking, and problem-solved skills to scientific research and professional practice
K4	Formulate diets for the pigs by using specialized software	ELO 10: Utilize information technology and modern equipment in livestock industry to serve production and business to achieve objectives
K5	Perform properly the technical procedure to evaluate pig farms, productivity, and pork quality	ELO 11: Perform properly the basic and intensive technical procedure in livestock production
Ethics and attitudes		
K6	Comply with course and lab regulations and safety	ELO 12: Comply with state law and specific regulations and professional ethics

3. Brief descriptions

Chapter 1: Origin and behaviour of pigs

Chapter 2: Pig breeds and breeding management

Chapter 3: Pig nutrient requirement and feed

Chapter 4: Pig housing

Chapter 5: Boar production

Chapter 6: Sow production

Chapter 7: Piglet production

Chapter 8: Growing-finishing pig production

4. Learning methods

- Students read the textbooks and references by themselves,
- Participate in class discussion
- Find references, discuss
- Practice
- E-learning: Find and look up references; do homework
- MS teams: Online teaching and assessment.

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.)
- Practice: Students must attend all practice content
- Complete the mid-term test and the final examination.

7. Key academic staffs

Full name: Vũ Đình Tôn	Title: Prof.Dr
Office address: VNUA	Phone number: 0913.033.177
Email:vdton@vnua.edu.vn	Website: http://channuoi.vnua.edu.vn/vi/

Full name: Trần Hiệp	Title: Assoc. Prof.Dr
Office address: VNUA	Phone number: 0915.094.819
Email:tranhiiep@vnua.edu.vn	Website: http://channuoi.vnua.edu.vn/vi/

Full name: Lê Hữu Hiếu	Title: Msc.
Office address: VNUA	Phone number: 0967.181.282
Email: lhhieu@vnua.edu.vn	Website: http://channuoi.vnua.edu.vn/vi/

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