

PROGRAMME LEARNING OUTCOMES (PLOs)

FOR VETERINARY MEDICINE EDUCATION PROGRAMME

(Followed/To be enclosed/ by the Decision No. 1728/QĐ-KT & ĐBCLGD dated December 31st, 2016 issued by Rector of Thai Nguyen University of Agriculture and Forestry)

1. Knowledge requirement

After graduation, the bachelors of veterinary medicine will be able to gain the following knowledge requirement

- Applying the basic principles of Marxism-Leninism; the revolutionary way of the Communist Party of Vietnam; Ho Chi Minh Thought. Basic knowledge in the fields of natural sciences, social sciences and humanities, international economic integration suitable to solve theoretical, practical, professional

- Understanding and applying basic knowledge in zoology, veterinary physiology, veterinary anatomy, veterinary pathology, veterinary microorganisms to diagnose, testing and veterinary medicine activities;

- Applying the knowledge in pharmacology, pharmacognosy, toxicology, immunology to set up the measure prevention and control livestock diseases;

- Applying the knowledge in infectious diseases, veterinary parasitic diseases, veterinary internal medicine diseases, veterinary surgery diseases, veterinary obstetrics diseases to diagnose, develop disease prevention and treatment procedures for livestock;

- Making use of the knowledge including: veterinary epidemiology, veterinary hygienics, food safety, livestock products quarantine, farm environmental sanitation to protect public health

- Applying major knowledge to analyse, summarise and solve cases in field of veterinary medicine

- Having knowledge of trade in animal feed, veterinary pharmacies, livestock breeding and animal products.

- Applying knowledge to set up experiments or researches on veterinary medicine problem and being able to create and develop career in the future.

2. Skills

2.1. Professional skills

Being able to apply major knowledge to practical production

+ Being able to give professional consult and be proficient in clinical manipulations including: collectional blood sample, clinical diagnosis, prevention and treatment in livestock diseases.

+ Being able to proficiently perform nonclinical tests in the diagnosis of animal diseases.

+ Being able to use modern technical diagnosis methods in field of veterinary medicine.

+ Being able to use proficiently pharmacological materials in preventing and treating infectious disease in livestock

+ Planning and applying information technology, professional consultancy, transfer scientific technology in field of infectious veterinary medicine, organize, manage and trade veterinary drugs.

Applying knowledge to simulate, model, estimate amplitude margins, limits, and generalize specialized issues

- Being able to summarise and analyse indefinite factors which are relevant to the career such as: profit accounting, social situation, risk factors, disadvantage information...in field veterinary medicine

- Having the ability to set up experiments or researches on veterinary medicine problem and being able to create and develop career in the future.

2.2. Soft skills

- Being able to establish and manage teamwork effectively. Having leadership skill

- Being able to exchange, share, engage, collaborate with team members and to get things done

- Being able to make choices and expand market development to meet particular issue

- Being able to identify background and object to make a suitable way of communication.

- Being able to use multimedia communication proficiently to collaborating and working in community.

- Having a computing certification level B and using competently in microsoft: Minitab, SAS, ANOVA, SPSS

- English Level; TOEIC 350

3. Attitude and moral competency

- Having a confident standpoint, a good discipline consciousness, a good understanding of moral worth and professional worth, having responsibility to the country.

- Being able to confidently cope with difficulties to become expert in the field. Being able to set up a scientific working time to improve the effectiveness of the career

- Being able to work independently to get new knowledges, new technicques.
- Having good health for working.
- Having seriuos study attitude, accumulating knowledge and experience actively, having professional ethics and love for animals.

RECTOR APPROVAL



DEAN

A handwritten signature in blue ink, appearing to read "Phan Thi Hong Phuc".

Phan Thi Hong Phuc, PhD