



THAI NGUYEN UNIVERSITY OF AGRICULTURE AND FORESTRY
 Quyet Thang Commune, Thai Nguyen City, Viet Nam
 Tel: +842086275999 * Fax: +842082490866 * Email: dhnl@tuaf.edu.vn

MASTER'S DEGREE IN ANIMAL SCIENCE

1. Introduction

Animal science is a broad subject and you could engage in study and research in one of many subjects from livestock production, genetics, nutrition, reproductive physiology, lactation, animal behavior and welfare.

Master's degrees in Animal Science involve the advanced study of a host of issues relating to the treatment, care and nutrition of animals, as well as the diseases that affect them. Related specialisms at postgraduate level include Animal Health, Veterinary Science and Agriculture Science.

2. Curriculum

| Code | | Subjects | Credits |
|--|-----|---|---------|
| | | | |
| I. General courses (2) | | | |
| PHI | 831 | Philosophy | 3 |
| ENG | 851 | English | 5 |
| II.1. Basic courses | | | |
| <i>A. Core courses (15 credits)</i> | | | |
| ABC | 821 | Animal biochemistry | 2 |
| APH | 821 | Animal physiology | 2 |
| AGV | 821 | Genetic | 2 |
| FNC | 821 | Animal feed and nutrition | 3 |
| BIA | 821 | Microbiology | 2 |
| RAV | 821 | Research Methods | 2 |
| BIT | 821 | Applying biotechnology in Livestock - Veterinary Medicine | 2 |
| B. Elective courses (6 credits) | | | |
| AGS | 821 | Agricultural system | 2 |
| PPM | 821 | Project planning and management | 2 |



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| OAF | 821 | Organic agriculture | 2 |
| FSH | 821 | Hygiene and food safety | 2 |
| REB | 821 | Environmental management and livestock waste | 2 |
| OHE | 821 | One health | 2 |
| IMM | 821 | Veterinary Immunology | 2 |
| BIT | 821 | Application of Biotechnology | 2 |
| DSA | 821 | Diseases transmitted | 2 |
| IDF | 821 | Pest management | 2 |
| VES | 821 | Valuation of forest environmental services | 2 |
| SOF | 821 | Social forestry | 2 |
| EPC | 809 | Genetic | 2 |
| CIS | 810 | Transmission and protection of scientific information | 2 |
| TXO | 811 | Toxicology | 2 |
| LHY | 821 | Animal hygiene | 2 |
| EEN | 821 | Environmental ecology | 2 |
| <i>II.2. Specialized knowledge</i> | | | |
| <i>A. Core courses (10 credits)</i> | | | |
| POR | 821 | Poultry farming | 2 |
| PIR | 821 | Pig farming | 2 |
| CAR | 821 | Cattle raising | 2 |
| GRR | 821 | Raising of goats - rabbits | 2 |
| IND | 821 | Infectious & Disease Management | 2 |
| <i>B. Elective courses (6 credits)</i> | | | |
| FOT | 821 | Technology of flowers and ornamental plants | 2 |
| CRSC | 821 | Integrated crop management (ICM) | 2 |
| HTC | 821 | Application of high technology in farming | 2 |



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| GFP | 821 | Grassland & forage plants | 2 |
| ANW | 821 | Animal welfare | 2 |
| VHI | 821 | Animal testing | 2 |
| EPI | 821 | Veterinary epidemiology | 2 |
| ZON | 821 | Wild animal disease | 2 |
| FDP | 821 | Forest resource development planning | 2 |
| MPR | 821 | Market and processing of forest products | 2 |
| CDM | 821 | Conservation and development of medicinal plants | 2 |
| MAP | 819 | Animal Molecular Pathology | 2 |
| MPP | 820 | Plant Molecular Pathology | 2 |
| FBT | 821 | Fermentation technology | 2 |
| PHT | 821 | Postharvest technology | 2 |
| AQU | 821 | Aquaculture | 2 |
| RET | 821 | Reproductive technology | 2 |
| <i>III. Thesis</i> | | | <i>15</i> |
| <i>Total credits</i> | | | <i>60</i> |