## Curriculum table of doctoral programs

|  | Course Type                                       | Course<br>Code | Course   | Credits | Classes per one week* 1st-Semester 2nd-Semester 1st 2nd 3rd 4th | Requirements for Completion   |
|--|---|----------------|--|---------|---|---|
| Common<br>Compulsory<br>Courses                    | Core Courses in<br>Doctoral Programs              | 2900010        | Research Communication   | 1       | Intensive Course  | 9 Credits   |
|  |   | 2900020        | Veterinary and Agricultural Sciences                                       | 1       | Intensive Course  |   |
|  |   | 2900030        | Special Practice for Veterinary and Agricultural Sciences                  | 1       | Intensive Course  |   |
|  |   | 2900030        | Special Research   | 6       | 4 4 4 4   |   |
|  |   | 2930010        | Domestic Research Exercise   | 1       | Intensive Course  |   |
| Common Electives  Common Apriculture               | Common Courses  Courses for Expert                | 2930010        | Overseas Research Exercise   | 1       | Intensive Course  | Animal Science and Agriculture: 3 Credits (including the electives for speciality)  Veterinary Science: 12 Credits (including the |
|  |   | 2930030        | Domestic Field Research Exercise   | 1       | Intensive Course  |   |
|  |   | 2930040        | Overseas Field Research Exercise   | 1       | Intensive Course  |   |
|  |   | 2930050        | Advanced Research Proposal   | 1       | Intensive Course  |   |
|  |   | 2930060        | Advanced Research Data Analysis  | 1       | Intensive Course  |   |
|  |   | 2930070        | Advanced Research Presentation   | 1       | Intensive Course  |   |
|  |   | 2930070        | Advanced Research Paper Writing  | 1       | Intensive Course  |   |
|  |   | 2930090        | Research Management  | 1       | Intensive Course  |   |
|  |   | 2930100        | Academic Lecture   | 1       | Intensive Course  |   |
|  |   | 2930110        | Academic Teaching  | 1       | Intensive Course  |   |
|  |   | 2930120        | Special Lecture for Working Adult Student                                  | 1       | Intensive Course  |   |
|  |   |                | Food Safety Management and Internal Audit                                  |         |   | electives for speciality)   |
|  | Training in HACCP                                 | 2920010        | Practice   | 2       | Intensive Course  |   |
|  | Electives in Animal Science                       | 2910060        | English Communication for Science  | 2       | 2 2   | 3 Credits (including the mutual courses)  |
|  | and Agriculture                                   | 2910010        | Special Lecture for Veterinary and Agricultural Sciences                   | 1       | Not Specified   |   |
| Doctoral Program of Veterinary Science             | Compulsory<br>Courses in<br>Veterinary<br>Science | 2910010        | Special Lecture for Veterinary and Agricultural Sciences                   | 1       | Not Specified   | 9 Credits   |
|  |   | 2910020        | Veterinary Science 1   | 2       | Intensive Course  |   |
|  |   | 2910030        | Veterinary Science 2   | 2       | Intensive Course  |   |
|  |   | 2910040        | Special Practice in Veterinary Science 1                                   | 1       | Intensive Course  |   |
|  |   | 2910050        | Special Practice in Veterinary Science 2                                   | 1       | Intensive Course  |   |
|  |   | 2910060        | English Communication for Science  | 2       | 2 2   |   |
|  | Electives in<br>Veterinary<br>Science             | 2910110        | Basic Veterinary Science   | 2       | 4   | 12 Credits (including the mutual courses)   |
|  |   | 2910120        | Special Practice in Basic Veterinary Science 1                             | 2       | Intensive Course  |   |
|  |   | 2910130        | Special Practice in Basic Veterinary Science 2                             | 2       | Intensive Course  |   |
|  |   | 2910140        | Clinical Veterinary Science  | 2       | 4   |   |
|  |   | 2910150        | Special Practice in Clinical Veterinary Science 1                          | 2       | Intensive Course  |   |
|  |   | 2910160        | Special Practice in Clinical Veterinary Science 2                          | 2       | Intensive Course  |   |
|  |   | 2910170        | Applied Veterinary Science   | 2       | 4   |   |
|  |   | 2910180        | Special Practice in Applied Veterinary Science 1                           | 2       | Intensive Course  |   |
|  |   | 2910190        | Special Practice in Applied Veterinary Science 2                           | 2       | Intensive Course  |   |
|  |   | 2910200        | Special Exercises in Animal Medical Center                                 | 1       | Intensive Course  |   |
|  |   | 2910210        | Special Practice in Diagnostic Center for<br>Animal Health and Food Safety | 1       | Intensive Course  |   |
|  |   | 2910220        | Special Seminar in National Research<br>Center for Protozoan Diseases      | 1       | Intensive Course  |   |
| Doctoral Degree Program of Animal and Food Hygiene | Compulsory Course in Degree Program               | 2910010        | Special Lecture for Veterinary and Agricultural Sciences                   | 1       | Irregular Implementation  | 1 Credits   |
|  |   | 2920010        | Food Safety Management and Internal Audit                                  | 2       | Intensive Course  | 6 Credits or more   |
|  |   |                | Practice   | _       | <u> </u>  |   |
|  |   | 2920020        | Animal Health Epidemiology   | 2       | 4   |   |
|  |   | 2920030        | Animal Production Hygiene  | 2       | 4   |   |
|  |   | 2920040        | Special Lectures on Hygiene Economics                                      | 2       | 4   |   |
| nd   |   | 2920050        | International Hygiene Policy and Animal Welfare                            | 2       | 4   |   |