**3. DOCTOR OF AGRICULTURAL ECONOMICS (CODE: 9620115)**

**TRAINING OBJECTIVES**

The doctoral training program is aimed at providing graduate students with complete and advanced knowledge of economic theories and agricultural economics; support doctoral students to practice critical thinking and be able to independently and creatively conduct research, discover, predict and solve new problems in practice and theory in the field of agriculture and development of rural areas and have the ability to supervise scientific research.

**OUTLINE OF TRAINING PROGRAM**

1. **Doctoral courses (11 credits)**

| **No** | **Code** | **Course name** | **Number of credits** | **Compulsory** | **Elective** | **Hours of lectures** | **Hours of practice** | **Prerequisite courses** | **Semester** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | KT904 | Advanced econometrics | 3 | x |  | 35 | 20 |  | I, II |
| 2 | KT902 | Advanced Microeconomics | 3 | x |  | 45 |  |  | I, II |
| 3 | KT903 | Price theory in agricultural markets | 3 |  | x | 35 | 20 |  | I, II |
| 4 | KT908 | Advanced production economics | 3 |  | x | 45 |  |  | I, II |
| 5 | KT933 | Advanced environmental resource valuation | 2 |  | x | 30 |  |  | I, II |
| 6 | KT934 | Agricultural financial analysis | 2 |  | x | 30 |  |  | I, II |
| 7 | KT936 | Impact assessment method | 2 |  | x | 25 | 10 |  | I, II |
| 8 | KT935 | Advanced economics of development | 2 |  | x | 30 |  |  | I, II |
| 9 | KT951 | Agricultural and food policy analysis | 2 |  | x | 30 |  |  | I, II |
| *Total: 11 credits (Compulsory:**6 credits; Elective: 5 credits)* |
|  |  | **Total** | **11** | **6** | **5** |  |  |  |  |

1. **Scientific research and doctoral thesis**

| **TT** | **Main contents** | **Quota****(Credits)** | **Quantity****(No. of papers)** | **Compulsory****(Credits)** | **Elective****(Credits)** | **Total (Credits)** | **Note** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **2.1** | Doctoral thesis | 3 | 3 | **9** |  | **9** |  |
| 2.1.1 | Literature review | 3 | 1 | 3 |  | 3 |  |
| 2.1.2 | Empirical review | 3 | 2 | 6 |  | 6 |  |
| **2.2** | **Scientific articles** (Main author of at least 2-point paper) |  | 1-3 | **10** | 6 | **10-16** | Article score according to the National Board of Professor |
|  | *Journal of Science of WoS/Scopus**(Q1: 10 credits; Q2: 8 credits; Q3, Q4: 7 credits; WoS/copus: unrated: 6 credits)* | 6-10 | 1-2 |  |  | 10-16 |  |
| *Chapter of reference books published by prestige international publishers, with ISBN* | 6 | 2 |  |  | 12 |  |
| *Local journals of science according to the list of National Board of Professor for each major, the work score is from 0.75 or more (0.75-score journals: 4 credits; 1.0-score journals or more: 5 credits)* | 4-5 | 2-3 |  |  | 10-12 | Excess credits are NOT a substitute for academic seminars |
| **2.3** | Seminar on research results of the whole thesis before evaluation in specialized units | 4 |  | **4** |  | **4** |  |
| **2.4** | Academic Seminar (can be replaced by an article in *Scientific Journal of WoS/Scopus or Chapter of Reference Books published by prestige international publishers with ISBN):* | 1-5 | 2-4 |  | 6 | **6** | Elective |
|  | Presentation at department-level Seminar (1-3 seminars) | 1 |  |  |  |  |  |
|  | Presentation at Faculty-level Seminar  | 2 |  |  |  |  |  |
|  | Report of the National Scientific Conference | 3 |  |  |  |  |  |
|  | Report of the International Scientific Conference | 5 |  |  |  |  |  |
| **2.5** | **Thesis** |  |  | **50** |  | **50** |  |
| 2.5.1 | Mid-term research report | 5 |  | 5 |  | 5 |  |
| 2.5.2 | Thesis submission at a specialized unit | 15 |  | 15 |  | 15 |  |
| 2.5.3 | Thesis submission at the training institution (university level) | 30 |  | 30 |  | 30 |  |
|  | **TOTAL** |  |  | **73** | **6** | **79** |  |