**2.1 MASTER IN AGRICULTURAL ECONOMICS BY RESEARCH**

**TRAINING OBJECTIVES**

     The research-oriented master's program in Agricultural Economics is aimed at equipping learners with the knowledge and skills of in-depth economic theory, the application of qualitative and quantitative analytical tools to conducting research in agricultural economics and rural development; making decisions in agribusiness and formulating and evaluating agricultural and rural development policies.

**FRAMEWORK OF TRAINING PROGRAM**

| **No** | **Course Code** | **Course name** | **No. of credits** | **Compulsory** | **Elective** | **Hours of lectures** | **Hours of Practice** | **Prerequisite course** | **Semester** | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **I. General knowledge block** | | | | | | | | | | | | |
| 1 | ML606 | Philosophy | 4 | x |  | 60 |  |  | I, II | |
| *Total* **: 4** *credits (Compulsory credits: 4; Elective credits: 0)* | | | | | | | | | |  | |
| **II. Economic knowledge block** | | | | | | | | | | | | |
| 2 | KT760 | Research methods in economics | 2 | x |  | 30 |  |  | I, II | |
| 3 | KT602 | Microeconomics | 3 | x |  | 45 |  |  | I, II | |
| 4 | KT603 | Macroeconomics | 3 | x |  | 45 |  |  | I, II | |
| 5 | KT642 | Agribusiness | 2 |  | x | 25 | 10 |  | I, II | |
| 6 | KTN612 | Management of the supply chain | 2 |  | x | 30 |  |  | I, II | |
| 7 | KTN615 | International agricultural trade | 2 |  | x | 30 |  |  | I, II | |
| 8 | KTN613 | Price analysis in agriculture | 2 |  | x | 25 | 10 |  | I, II | |
| *Total* **: 12** *credits (Compulsory credits: 8; Elective credits: 4)* | | | | | | | | | | | | |
| **III. Specialized knowledge block** | | | | | | | | | | | | |
| 9 | KT604 | Econometrics | 3 | x |  | 35 | 20 |  | I, II | |
| 10 | KT606 | Agricultural economics | 3 | x |  | 30 | 30 |  | I, II | |
| 11 | KT608 | Production economics | 3 | x |  | 30 | 30 |  | I, II | |
| 12 | KTN600 | Risk analysis in agriculture | 2 |  | x | 25 | 10 |  | I, II | |
| 13 | KTN607 | Economics of natural resources | 2 |  | x | 25 | 10 |  | I, II | |
| 14 | KT643 | Agricultural policy analysis | 3 |  | x | 30 | 30 |  | I, II | |
| 15 | KTN610 | Statistics in economics | 3 |  | x | 35 | 20 |  | I, II | |
| 16 | KT631 | Economics of development | 3 |  | x | 45 |  |  | I, II | |
| 17 | KT652 | Project analysis | 3 |  | x | 35 | 20 |  | I, II | |
| 18 | KT653 | Value chain analysis | 2 |  | x | 30 |  |  | I, II | |
| 19 | KTN601 | Advanced economic forecast | 2 |  | x | 30 |  |  | I, II | |
| 20 | KTN616 | Business development and innovation | 2 |  | x | 30 |  |  | I, II | |
| *Total:* ***17*** *credits (Compulsory credits: 9; Elective credits: 8)* | | | | | | | | | | | | |
| **IV. Scientific research block** | | | | | | | | | | | | |
| 21 | KTN000 | Graduation thesis | 15 | x |  |  | 450 |  | I, II | |
| 22 | KTN004 | Essays on efficiency of agricultural production | 2 | x |  |  | 60 |  | I, II | |
| 23 | KTN005 | Essays on risks in agriculture | 2 | x |  |  | 60 |  | I, II | |
| 24 | KTN006 | Essays on agribusiness | 2 | x |  |  | 60 |  | I, II | |
| 25 | KTN007 | Essays on international agribusiness | 2 |  | x |  | 60 |  | I, II | |
| 26 | KTN008 | Essays on analyzing agricultural product value chains | 2 |  | x |  | 60 |  | I, II | |
| 27 | KTN009 | Essays on cooperative economics and cooperatives in agriculture | 2 |  | x |  | 60 |  | I, II | |
| 28 | KTN010 | Essays on agriculture and economic development | 2 |  | x |  | 60 |  | I, II | |
| 29 | KTN011 | Essays on sustainable agriculture and the environment | 2 |  | x |  | 60 |  | I, II | |
| *Total:* ***27*** *credits (Compulsory: 21 credits, Elective: 6 credits )* | | | | | | | | | | | | |
|  |  | **Total** | **60** | **42** | **18** |  |  |  |  | |