



## Open & Distance Learning Directorate

*Knowledge Innovation and Excellence*

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# BSc Agriculture Economics

### Introduction

The primary aim of this program is to prepare graduates with appropriate technical and professional competencies in agricultural economics. Main areas include: Agricultural economics; Agricultural marketing; econometrics; intermediate macro-economics; Agricultural trade policy and Theory; Food and Agricultural policy analysis; Project planning, monitoring and Evaluation; Environmental impact assessment

### Year Two

#### Semester One

| Course Title                | Course Code | Credits | Lecture Hours | Practical Hours | Tutorial Hours |
|-----------------------------|-------------|---------|---------------|-----------------|----------------|
| Agricultural Economics I    | AAE211      | 2.50    | 30.00         |                 | 15.00          |
| Mathematics for Economists  | AAE212      | 2.50    | 30.00         |                 | 15.00          |
| Statistics for Economists I | AAE212      | 3.50    | 30.00         |                 | 45.00          |

|                                       |        |      |       |  |      |
|---------------------------------------|--------|------|-------|--|------|
| Introduction to Development Economics | DEC211 | 2.00 | 30.00 |  | 0.00 |
|---------------------------------------|--------|------|-------|--|------|

### Semester Two

| Course Title   | Course Code | Credits | Lecture Hours | Practical Hours | Tutorial Hours |
|--|-------------|---------|---------------|-----------------|----------------|
| Agricultural Economics II                            | AAE221      | 2.50    | 30.00         |                 | 15.00          |
| Statistics for Economists II                         | AAE222      | 3.50    | 30.00         |                 | 45.00          |
| Quantitative Methods in Human and Social Development | DEC221      | 3.00    | 30.00         |                 | 30.00          |
| Demography and Economic Development                  | DEC222      | 2.50    | 30.00         |                 | 15.00          |

### Year Three

#### Semester One

| Course Title                               | Course Code | Credits | Lecture Hours | Practical Hours | Tutorial Hours |
|--|-------------|---------|---------------|-----------------|----------------|
| Agricultural Economics I                   | AAE211      | 2.50    | 30.00         |                 | 15.00          |
| Agricultural Economics Research Projects I | AAE310      | 0.50    | 0.00          |                 | 15.00          |
| Microeconomic Theory                       | AAE311      | 2.50    | 30.00         |                 | 15.00          |
| Agricultural Production Economics          | AAE312      | 2.50    | 30.00         |                 | 15.00          |

|  |        |      |       |  |       |
|--|--------|------|-------|--|-------|
| Agricultural Marketing                   | AAE313 | 2.50 | 30.00 |  | 15.00 |
| Farm Business Management I               | AAE314 | 2.50 | 30.00 |  | 15.00 |
| Farm Business Management I               | AAE314 | 2.50 | 30.00 |  | 15.00 |
| Research Methods for Social Sciences     | AAE315 | 3.50 | 45.00 |  | 15.00 |
| Econometrics I                           | AAE316 | 3.50 | 30.00 |  | 45.00 |
| Development Economics Research Project I | DEC310 | 0.50 | 0.00  |  | 15.00 |
| Trade and Development                    | DEC311 | 2.50 | 30.00 |  | 15.00 |
| Agricultural Trade Theory and Policy     | AAE325 | 2.50 | 30.00 |  | 15.00 |

## Semester Two

| Course Title                         | Course Code | Credits | Lecture Hours | Practical Hours | Tutorial Hours |
|--------------------------------------|-------------|---------|---------------|-----------------|----------------|
| Macroeconomic Theory                 | AAE321      | 2.50    | 30.00         |                 | 15.00          |
| Econometrics II                      | AAE322      | 3.50    | 30.00         |                 | 45.00          |
| Farm Business Management II          | AAE323      | 3.00    | 30.00         |                 | 30.00          |
| Market and Price Analysis            | AAE324      | 3.50    | 45.00         |                 | 15.00          |
| Introduction to Statistical Packages | AAE326      | 2.00    | 15.00         |                 | 30.00          |

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|---|--------|------|-------|--|-------|
| Project Planning, Monitoring and Evaluation   | AAE423 | 3.00 | 30.00 |  | 30.00 |
| Development Economics Research Project II     | DEC320 | 0.50 | 0.00  |  | 15.00 |
| Theories of Economic Growth and Development I | DEC321 | 2.50 | 30.00 |  | 15.00 |
| Emerging Issues in Development                | DEC322 | 2.50 | 30.00 |  | 15.00 |
| Empowerment and Poverty Reduction             | DEC323 | 2.50 | 30.00 |  | 15.00 |

### Year Four

#### Semester One

| Course Title                                | Course Code | Credits | Lecture Hours | Practical Hours | Tutorial Hours |
|---|-------------|---------|---------------|-----------------|----------------|
| Agricultural Economics I                    | AAE211      | 2.50    | 30.00         |                 | 15.00          |
| Agricultural Economics Research Project III | AAE410      | 1.00    | 0.00          |                 | 30.00          |
| Project Planning and Appraisal              | AAE411      | 2.50    | 30.00         |                 | 15.00          |
| Environmental and Resource Economics        | AAE412      | 2.50    | 30.00         |                 | 15.00          |
| Agricultural Household Decision Analysis    | AAE414      | 2.50    | 30.00         |                 | 15.00          |

|  |        |      |       |  |       |
|--|--------|------|-------|--|-------|
| Development Economics Research Project III     | DEC410 | 1.00 | 0.00  |  | 30.00 |
| Theories of Economic Growth and Development II | DEC411 | 2.50 | 30.00 |  | 15.00 |
| Agricultural Systems and Rural Development     | DEC412 | 2.50 | 30.00 |  | 15.00 |
| Poverty and Development Challenges             | DEC413 | 2.50 | 30.00 |  | 15.00 |
| Food and Agricultural Policy Analysis          | DEC414 | 2.50 | 30.00 |  | 15.00 |

## Semester Two

| Course Title                                | Course Code | Credits | Lecture Hours | Practical Hours | Tutorial Hours |
|---|-------------|---------|---------------|-----------------|----------------|
| Project Planning and Appraisal              | AAE411      | 2.50    | 30.00         |                 | 15.00          |
| Agricultural Economics Research Projects IV | AAE420      | 2.00    | 0.00          |                 | 60.00          |
| Operations Research                         | AAE421      | 2.50    | 30.00         | 15              | 0.00           |
| Project Monitoring and Evaluation           | AAE422      | 3.00    | 30.00         |                 | 30.00          |
| Project Planning, Monitoring and Evaluation | AAE423      | 3.00    | 30.00         |                 | 30.00          |
| Development Economics Industrial Attachment | DEC400      | 3.00    | 0.00          |                 | 90.00          |

|   |        |      |       |  |       |
|---|--------|------|-------|--|-------|
| Development Economics Research Project IV               | DEC420 | 2.00 | 0.00  |  | 60.00 |
| Gender and Economic Development                         | DEC421 | 2.50 | 30.00 |  | 15.00 |
| Science and Technology Policy Analysis                  | DEC422 | 3.00 | 30.00 |  | 30.00 |
| Health and Development                                  | DEC423 | 2.50 | 30.00 |  | 15.00 |
| Food Security and Rural Livelihoods                     | DEC424 | 3.00 | 30.00 |  | 30.00 |
| Social Organizations and Development                    | DEC425 | 2.50 | 30.00 |  | 15.00 |
| Introduction to Institutional and Behavioural Economics | DEC426 | 3.00 | 45.00 |  | 0.00  |

### Programme Description & Entry Requirements for Generic Students

| Programme                                     | Programme Code | Type Of Entry | Year of Entry | Mode Of Delivery | Specific Entry Requirements   |
|---|----------------|---------------|---------------|------------------|---|
| Bachelor of Science in Agricultural Economics | BAAE           | Generic       | 1             | ODL              | 4 credit passes including English Language, Biology, Mathematics, Physical Science/Physics and Chemistry at MSCE or any comparable O-Level qualification. |

### Programme Description & Entry Requirements for Mature Students

| Programme | Programme Code | Type Of Entry | Year of Entry | Mode Of Delivery | Specific Entry Requirements |
|-----------|----------------|---------------|---------------|------------------|-----------------------------|
|-----------|----------------|---------------|---------------|------------------|-----------------------------|

|   |      |        |   |     |  |
|---|------|--------|---|-----|--|
| Bachelor of Science in Agricultural Economics | BAAE | Mature | 2 | ODL | 4 credit passes including English Language, Biology, Mathematics, Physical Science/Physics and Chemistry at MSCE or any comparable O-Level qualification OR 3 passes with at least grade 'C' in Biology, Mathematics and Chemistry at A-Level or any comparable qualification; AND a relevant diploma (which also covered basic science courses) obtained from an accredited institution of higher learning; AND a minimum of 2 years post-diploma relevant work experience. |
|---|------|--------|---|-----|--|

\*The following is the adaptation of IGCSE results for admission purposes A\*= 1; A = 2; B = 3; C = 5; D = 7; EFG = 8.

\*Candidates who failed to satisfy the general entry requirements in the previous two years but successfully improved their grades after re-sit for up to a maximum of four subjects in following two years may use their supplementary statements for accumulating credits

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