**Course Curricula and Syllabus for PhD Degree**

**Department of Agricultural Economics**

**Bangladesh Agricultural University**

 **Mymensingh**

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| **April – September Semester**  |
| **A:Compulsory Courses (9 Credits)**  |
| **Course Code** | **Course Title** | **Credit** |
| AE 601 | Applied Econometrics | 3 |
| AE 603 | Research Methodology | 3 |
| AE 605 | Farm Business Management and Programming | 3 |
| **B:Elective Courses (2/4 Credits)** |
| Course Code | Course Title | Credit |
| AE 509 | Project Planning, Evaluation and Monitoring | 2 |
|  |  |  |
| **October − March Semester** |
| **A:Compulsory Courses (9 Credits)** |
| Course Code | Course Title | Credit |
| AE 607 | Environmental and Resource Economics | 3 |
| AE 609 | Economics of Food and Nutrition | 3 |
| AE 611 | Agrarian Development and Policy | 3 |
| **B:Elective Course (2/4 Credits)** |
| Course Code | Course Title | Credit |
| AE 503 | Production Economics | 2 |
| AE 512 | Benefit-Cost Analysis | 2 |
|  |  |  |
|  |
| Seminar (Two) |  | 4 (S/U) |
| Research Reports (End of first and third year) |  | 4 (S/U) |
| Research |  | 23 (S/U) |
| Dissertation evaluation |  | 15 (S/U) |
| Dissertation defense |  | 6 (S/U) |
| **GRAND TOTAL** |  | 76 |

 **S/U where S=Satisfactory and U=Unsatisfactory**

**Course Curricula and Syllabus for PhD Degree**

**Department of Agricultural Finance and Banking**

**Bangladesh Agricultural University**

**Mymensingh**

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| **April – September Semester**  |
| **A:Compulsory Courses (9 Credits)**  |
| Course Code | Course Title | Credit |
| AFB 601 | Food and Agricultural Policy | 3 |
| AM 601 | Applied Econometrics | 3 |
| AM 603 | Agribusiness Entrepreneurship and Innovation | 3 |
| **B:Elective Courses (2/4 Credits)** |
| Course Code | Course Title | Credit |
| AF 505 | Microfinance Management | 3 |
| AF 507 | Risk Management in Agriculture | 3 |
| AF 509 | Resource and Environmental Economics | 4 |
| AM 509 | Agricultural Price Analysis & Policy | 3 |
| **October − March Semester** |
| **A:Compulsory Courses (9 Credits)** |
| Course Code | Course Title | Credit |
| AFB 603 | Research Ethics and Scientific Writing | 3 |
| AFB 605 | Advanced Financial Management | 3 |
| AM 607 | Advanced Research Methodology | 3 |
| **B:Elective Course (2/4 Credits)** |
| Course Code | Course Title | Credit |
| AF 501 | Financial Management in Agriculture | 3 |
| AF 503 | Capital Market in Agriculture | 3 |
| AF 511 | Agricultural Policy and Trade | 3 |
| AF 513 | Rural Credit Project Analysis | 3 |
| AM 501 | Marketing Management | 3 |
| AM 505 | Supply Chain Management in Agribusiness | 3 |
|  |
| Seminar (Two) |  | 4 (S/U) |
| Research Reports (End of first and third year) |  | 4 (S/U) |
| Research |  | 23 (S/U) |
| Dissertation evaluation |  | 15 (S/U) |
| Dissertation defense |  | 6 (S/U) |
| **GRAND TOTAL** |  | 76 |

 **S/U where S=Satisfactory and U=Unsatisfactory**

**Course Curricula and Syllabuses for PhD Degree**

**Department of Agricultural and Applied Statistics**

**Bangladesh Agricultural University**

**Mymensingh**

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| **April-September Semester**  |
| **A: Compulsory Courses (9 Credits)**  |
| **Course Code** | **Course Title** | **Credit**  |
| AAS 601  | Advanced Statistical Inference | 3 |
| AAS 603  | Advanced Econometric Modeling | 3 |
| AAS 605  | Advanced Research Methodology | 3 |
| **B: Elective Courses ( 3 Credits)**  |
| **Course Code** | **Course Title** | **Credit**  |
| AAS 607  | Advanced Multivariate Analysis | 3 |
| AAS 609  | Applied Demography | 3 |
| AAS 611  | Data Mining | 3 |
| AAS 613  | Environmental Statistics | 3 |
| **October-March Semester** |
| **A: Compulsory Courses (9 Credits)** |
| **Course Code** | **Course Title** | **Credit**  |
| AAS 615  | Advanced Biostatistics | 3 |
| AAS 617  | Design of Agricultural Experiments and Analysis | 3 |
| AAS 619  | Machine Learning and Data Management | 3 |
| **B: Elective Courses ( 3 Credits)**  |
| **Course Code** | **Course Title** | **Credit**  |
| AAS 621  | Analysis of Longitudinal Data | 3 |
| AAS 623  | Remote Sensing and Spatial Statistics | 3 |
| AAS 625  | Meta-Analysis | 3 |
| AAS 627  | Advanced Biostatistical Methods\* | 3 |
|  |
| Seminar (Two) | 4 (S/U) |
| Research Reports (End of first and third year) | 4 (S/U) |
| Research | 23 (S/U) |
| Dissertation evaluation | 15 (S/U) |
| Dissertation defense | 6 (S/U) |
| **GRAND TOTAL** | **76** |

 **S/U where S=Satisfactory and U=Unsatisfactory**

**Course Curricula and Syllabus for PhD Degree**

**Department of Agribusiness and Marketing**

**Bangladesh Agricultural University**

**Mymensingh**

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| **April – September Semester**  |
| **A: Compulsory Courses (9 Credits)**  |
| Course Code | Course Title | Credit |
| AM 601 | Applied Econometrics | 3 |
| AM 603 | Agribusiness Entrepreneurship and Innovation | 3 |
| AFB 601 | Food and Agricultural Policy | 3 |
| **B: Elective Courses (2/4 Credits)** |
| Course Code | Course Title | Credit |
| AM 507 | Market Structure Economics | 3 |
| AM 509 | Agricultural Price Analysis & Policy | 3 |
| AM 511 | Strategic Agribusiness Management | 3 |
| AF 507 | Risk Management in Agriculture | 3 |
| **October − March Semester** |
| **A: Compulsory Courses (9 Credits)** |
| Course Code | Course Title | Credit |
| AM 605 | Analysis of Food System | 3 |
| AM 607 | Advanced Research Methodology | 3 |
| AFB 603 | Research Ethics and Scientific Writing | 3 |
| **B: Elective Course (2/4 Credits)** |
| Course Code | Course Title | Credit |
| AM 501 | Marketing Management | 3 |
| AM 505 | Supply Chain Management in Agribusiness | 3 |
| AF 501 | Financial Management in Agriculture | 3 |
| AF 513 | Rural Credit Project Analysis | 3 |
|  |
| Seminar  | 4 (S/U)  |
| Research Reports (End of first and third year) | 4 (S/U) |
| Research | 23 (S/U) |
| Dissertation evaluation | 15(S/U) |
| Dissertation defense | 6(S/U) |
| **GRAND TOTAL** | 76 |

 **S/U where S=Satisfactory and U=Unsatisfactory**

**Course Curricula and Syllabus for PhD Degree**

**Department of Rural Sociology**

**Bangladesh Agricultural University**

**Mymensingh**

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| **April – September Semester**  |
| **A:Compulsory Courses (9 Credits)**  |
| **Course Code** | **Course Title** | **Credit** |
| RS 601 | Theory and Practice in Sociology  | 3 |
| RS 603 | Rural Development Models  | 3 |
| RS 607 | Research Methodology: Topic to Proposal | 3 |
| **B:Elective Courses (2/4 Credits)** |
| **Course Code** | **Course Title** | **Credit** |
| RS 613 | Ethnographic Approaches in Social Sciences  | 2 |
| RS 615 | Sociology of Food and Nutrition  | 2 |
| **October − March Semester** |
| **A:Compulsory Courses (9 Credits)** |
| **Course Code** | **Course Title** | **Credit** |
| RS 605 | Gender and Globalization | 3 |
| RS 609 | Qualitative Data Analysis | 3 |
| RS 611 | Quantitative Data Analysis | 3 |
| **B:Elective Course (2/4 Credits)** |
| **Course Code** | **Course Title** | **Credit** |
| RS 617 | Rural Entrepreneurship and Innovation  | 2 |
| RS 619 | Community Engagement  | 2 |
|  |
| Seminar (Two) | 4 (S/U) |
| Research Reports (End of first and third year) | 4 (S/U) |
| Research | 23 (S/U) |
| Dissertation evaluation | 15 (S/U) |
| Dissertation defense | 6 (S/U) |
| **GRAND TOTAL** | 76 |

 **S/U where S=Satisfactory and U=Unsatisfactory**