**Course Curricula and Syllabus for PhD Degree**

**Department of Agricultural Economics**

**Bangladesh Agricultural University**

**Mymensingh**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **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**