# Curricula for MS in Agricultural Economics (Production Economics)

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| **October-March (Winter) Semester** |
| **Compulsory Courses**  (10 Credits) | **Credits** |
| AE 501 Economics of Agricultural Development | 4 |
| AE 503 Production Economics | 3 |
| AE 505 Econometrics | 3 |
| **Elective Courses** (2 Credits) |  |
| AE 511 Farming System | 2 |
| AE 513 Fisheries Economics | 2 |
| AE 515 Gender Relations in Agriculture | 2 |
| AE 517 Economics of Irrigation and Water Resource | 2 |
| AE 519 Livestock Economics | 2 |
| AE 521 Benefit-Cost Analysis | 2 |
| AE 502 Research work (3 Credits) |  3 (S/U) |
| Total Credit  | 15 |
| **April-September (Summer) Semester** |
| Compulsory Courses (6 Credits) | **Credits** |
| AE 507 Farm Management | 3 |
| AE 509 Agricultural Project Planning, Monitoring and Evaluation | 3 |
| **Elective Courses**  (6/7 Credits) |  |
| AM 507 Market Structure Economics  | 3 |
| AM 509 Agricultural Price Analysis and Policy | 3 |
| AM 511 Agribusiness Marketing | 3 |
| AF 505 Micro Credit Management | 3 |
| AF 507 Risk Management in Agriculture | 3 |
| AF 509 Resources and Environmental Economics | 4 |
| AE 502 Research work (3 Credits) |  3 (S/U) |
| **Total Credit**  | 15/16 |
| **Thesis Semester** |
| AE 502 Research Work (2 Credits)AE 504 Evaluation of Thesis (5 Credits)AE 506 Thesis Defense (3 Credits) |  2 (S/U)53 |
| **Total Credits**  | 10 |
| GRAND TOTAL  | 40/41 |

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| Odd Number= Theory  | Even Number = Practical |
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# Curricula for MS in Agricultural Economics (Finance)

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| **October-March (Winter) Semester** |
| **Compulsory Courses**  (6 Credits) | **Credits** |
| AF 501 Financial Management in Agriculture | 3 |
| AF 503 Capital Market in Agriculture | 3 |
| **Elective Courses** (6/7 Credits) |  |
| Option-I |
| AF 511 Agricultural Policy and Trade | 3 |
| AF 513 Rural Credit Project Analysis | 3 |
| Option-II |
| AE 501 Economics of Agricultural Development | 4 |
| AE 503 Production Economics | 3 |
| AE 505 Econometrics | 3 |
| AF 502 Research work (3 Credits) |  3 (S/U) |
| Total Credit  | 15/16 |
| **April-September (Summer) Semester** |
| Compulsory Courses (10 Credits) | **Credits** |
| AF 505 Micro Credit Management | 3 |
| AF 507 Risk Management in Agriculture | 3 |
| AF 509 Resources and Environmental Economics | 4 |
| **Elective Courses**  (3 Credits) |  |
| AM 507 Market Structure Economics  | 3 |
| AM 509 Agricultural Price Analysis and Policy | 3 |
| AM 511 Agribusiness Marketing | 3 |
| AF 502 Research work (3 Credits) |  3 (S/U) |
| **Total Credit**  | 16 |
| **Thesis Semester** |
| AF 502 Research Work (2 Credits)AF 504 Evaluation of Thesis (5 Credits)AF 506 Thesis Defense (3 Credits) |  2 (S/U)53 |
| **Total Credits**  | 10 |
| GRAND TOTAL  | 41/42 |

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# Curricula for MS in Agricultural Statistics

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| **October-March (Winter) Semester** |
| **Compulsory Courses**  (11 Credits) | **Credits** |
| Stat 501 Statistical Inference | 2 |
| Stat 503 Non-parametric Statistics | 2 |
| Stat 505 Biostatistics | 2 |
| Stat 507 Advanced Design of Experiments | 2 |
| Stat 509 Operations Research | 2 |
| Stat 502 Lab Work and Field Trip-1 | 1 |
| **Elective Courses** (4 Credits) |  |
| Stat 521 Econometric Methods | 2 |
| Stat 523 Stochastic Processes | 2 |
| Stat 525 Multivariate Analysis  | 2 |
| Stat 527 Statistical Methods in Genetics | 2 |
| Stat 529 Methods of Biostatistics \* | 2 |
| Stat 531 Design of Agricultural Experiments\* | 2 |
| Stat 506 Research work (3 Credits) |  3 (S/U) |
| Total Credit  | 18 |
| **April-September (Summer) Semester** |
| Compulsory Courses (11 Credits) | **Credits** |
| Stat 511 Sampling Distribution | 2 |
| Stat 513 Regression and Correlation Analysis | 2 |
| Stat 515 Sampling Technique | 2 |
| Stat 517 Design of Experiments | 2 |
| Stat 519 Biometry | 2 |
| Stat 504 Lab Work and Field Trip-2 | 1 |
| **Elective Courses**  (4 Credits) |  |
| Stat 533 Matrix Algebra and Numerical Analysis | 2 |
| Stat 535 Economic Statistics | 2 |
| Stat 537 Demography  | 2 |
| Stat 539 Statistical Quality Control  | 2 |
| Stat 541 Advanced Statistical Methods in Social Sciences \* | 2 |
| Stat 543 Engineering Statistics\* | 2 |
| Stat 545 Experimental Design\* | 2 |
| Stat 547 Advanced Biostatistics \* | 2 |
| Stat 506 Research work (3 Credits) |  3 (S/U) |
| **Total Credit**  | 18 |
| **Thesis Semester** |
| Stat 506 Research Work (2 Credits)Stat 508 Evaluation of Thesis (5 Credits)Stat 510 Thesis Defense (3 Credits) |  2 (S/U)53 |
| **Total Credits**  | 10 |
| GRAND TOTAL  | 46 |

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 Note : \* Mark indicates course for other departments

# Curricula for MS in Agricultural Economics (Agribusiness and Marketing)

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| **October-March (Winter) Semester** |
| **Compulsory Courses**  (7 Credits) | **Credits** |
| AM 501 Marketing Management | 3 |
| AM 503 Agribusiness Marketing Research | 2 |
| AM 505 Human Resource Management | 2 |
| **Elective Courses** (5/6 Credits) |  |
| Option-I |
| AE 501 Economics of Agricultural Development | 4 |
| AE 503 Production Economics | 3 |
| AE 505 Econometrics | 3 |
| Option-II |
| AM 513 Marketing of Livestock and Poultry | 2 |
| AM 515 International Marketing | 2 |
| AM 517 Supply Chain Management in Agribusiness | 2 |
| AM 502 Research work (3 Credits) |  3 (S/U) |
| Total Credit  |  15/16 |
| **April-September (Summer) Semester** |
| Compulsory Courses (9 Credits) | **Credits** |
| AM 507 Market Structure Economics  | 3 |
| AM 509 Agricultural Price Analysis and Policy | 3 |
| AM 511 Agribusiness Marketing | 3 |
| **Elective Courses**  (3/4 Credits) |  |
| AF 505 Micro Credit Management | 3 |
| AF 507 Risk Management in Agriculture | 3 |
| AF 509 Resource and Environmental Economics | 4 |
| AM 502 Research work (3 Credits) |  3 (S/U) |
| **Total Credit**  |  15/16 |
| **Thesis Semester** |
| AM 502 Research Work (2 Credits)AM 504 Evaluation of Thesis (5 Credits)AM 506 Thesis Defense (3 Credits) |  2 (S/U)53 |
| **Total Credits**  | 10 |
| GRAND TOTAL  | 40/41/42 |

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# Curricula for MS in Rural Sociology

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| **October-March (Winter) Semester** |
| **Compulsory Courses**  (9 Credits) | **Credits** |
| RS 501 Sociology of Rural Development | 3 |
| RS 503 Research Methods for Sociology | 3 |
| RS 505 Agrarian Societies | 3 |
| **Elective Courses**  (4 Credits) |  |
| RS 513 Rural Social Structure  | 2 |
| RS 515 Sociology of Youth Development | 2 |
| RS 517 Environmental Sociology | 2 |
| RS 519 Sociology of Health and Illness  | 2 |
| RS 521 Social Development in South Asia  | 2 |
| RS 523 Quantitative Analysis of Social Data | 2 |
| RS 525 Sociology of Urban Life | 3 |
| RS 502 Research work (3 Credits) |  3 (S/U) |
| Total Credit  | 16 |
| **April-September (Summer) Semester** |
| Compulsory Courses (9 Credits) | **Credits** |
| RS 507 Sociological Theory  | 3 |
| RS 509 Rural Social Change  | 3 |
| RS 511 Social Anthropology  | 3 |
| **Elective Courses**  (4 Credits) |  |
| RS 527 Social Demography  | 2 |
| RS 529 Household and Gender Studies  | 2 |
| RS 531 Rural Poverty Studies  | 2 |
| RS 533 Sociology of Mass Communication | 2 |
| RS 535 Sociology of Education | 2 |
| RS 537 Women in Development  | 2 |
| RS 539 Social Forestry | 2 |
| RS 502 Research work (3 Credits) |  3 (S/U) |
| **Total Credit**  | 16 |
| **Thesis Semester** |
| RS 502 Research Work (2 Credits)RS 504 Evaluation of Thesis (5 Credits)RS 506 Thesis Defense (3 Credits) |  2 (S/U)53 |
| **Total Credits**  | 10 |
| GRAND TOTAL  | 42 |

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