

West Bengal State University

DRAFT SYLLABUS

Subject: Agriculture and Rural Development

With effect from the Session 2023–24

Minor Course for Four Year Honours/ Honours with Research

Semester-I

ARDMIN101M: Livestock Production and Management

Theory: 3 credits Practical: 2 Credits

Unit I: Livestock Production	Credit
<ul style="list-style-type: none">• Livestock: Definition, Importance, Issues & Scope• Different types of livestock, Systems of livestock production• Livestock housing, routine management, Breeding- importance of cross breeding washing, dipping, casting	1
Unit II: Livestock Management <ul style="list-style-type: none">• Cattle and Buffalo: importance of cattle farming, Indigenous and exotic breed, cattle shed management, rearing procedure, disease and management; cattle products :Milk: importance, composition, market• Goat: Importance, farming procedure, varieties, disease and management• Poultry: Types, Elementary Knowledge of Hatching and its Management, Poultry Management– Dip litter system, Disease control and Vaccination.	1
Unit III: Livestock Development <ul style="list-style-type: none">• Livestock farm integration, Domestic and international market of livestock products• Governmental initiatives in the development of livestock in India: ICAR,KVK, National Livestock Mission, Veterinary Mobile Unit	1
Practical: <ul style="list-style-type: none">• Visit to Livestock Farm and Preparation of Report.• Visit to Poultry Farm/Hatchery and Preparation of Report.	2

References:

Hand Book of Agriculture by Indian Council of Agricultural Research (ICAR)
Livestock Production Management by N. S. R. and C. K. Thomas Sastry

Farm Livestock - with information on Cattle, Sheep, Pigs and Horses by V. C. Fishwick
A Hand Book of Poultry Practice by Keith Wilson