

AGI4460 Animal Husbandry and Production

Level	4
Course Code	AGI4460
Course Title	Animal Husbandry and Production
Credit value	4
Core/Optional	Core
Course Aim/s	To provide theoretical and practical insights in animal husbandry to develop the agriculture production
Course Learning Outcomes (CLO):	<p>At the completion of this course student will be able to</p> <p>CLO1: To describe the history and classification of farm animals</p> <p>CLO2: To describe the fundamental concepts related to egg incubation, hatching, brooding and rearing</p> <p>CLO3: To discuss the importance of management practices in poultry (layer, broiler), egg and meat technology [PO1, PO2, PO11, PO12]</p> <p>CLO4: To describe the importance of pasture, fodder and legumes in animal husbandry</p> <p>CLO5: To discuss the importance of management practices in dairy cows, calf and bull management [PO1, PO2, PO12]</p> <p>CLO6: To discuss the importance of management practices in rabbit, buffalo, goat, sheep, duck, gees and turkey production[PO1, PO2, PO12]</p> <p>CLO7: To discuss the importance of integrated livestock management [PO3,PO11,PO12]</p>
Content (Main topics, sub topics)	<p>Outline Syllabus:</p> <p>Unit 1: Poultry Production</p> <p style="padding-left: 20px;">Session 1: History and Classification</p> <p style="padding-left: 20px;">Session 2: Egg Incubation and Hatching I</p> <p style="padding-left: 20px;">Session 3: Egg Incubation and Hatching II</p> <p style="padding-left: 20px;">Session 4: Brooding and Rearing</p> <p style="padding-left: 20px;">Session 5: Management of Pullet, Layer, Broiler and Culling</p> <p style="padding-left: 20px;">Session 6 : Broiler Production</p> <p style="padding-left: 20px;">Session 7: Housing and Feeding of Poultry</p> <p style="padding-left: 20px;">Session 8 : Egg and Poultry Meat Technology</p> <p>Unit 2: Agrostology and Cattle Management</p> <p style="padding-left: 20px;">Session 9: Agronomic Description of Common Pasture, Fodder and Legumes in Sri Lanka</p> <p style="padding-left: 20px;">Session 10: Establishment of Pasture and Legumes</p> <p style="padding-left: 20px;">Session 11 : Pasture Management</p> <p style="padding-left: 20px;">Session 12: Conservation of Pasture and Fodder</p> <p style="padding-left: 20px;">Session 13 : Understanding Forage Quality</p> <p style="padding-left: 20px;">Session 14 : History and Cattle Breeds</p> <p style="padding-left: 20px;">Session 15 : Management of Dairy Cow I</p> <p style="padding-left: 20px;">Session 16 : Management of dairy Cow II</p> <p style="padding-left: 20px;">Session 17 : Housing and Feeding of Poultry</p> <p style="padding-left: 20px;">Session 18 : Calf, Heifer and Bull Management</p> <p style="padding-left: 20px;">Session 19 : General Handling and Cattle Diseases</p> <p>Unit 3: Other Farm Animal Production</p> <p style="padding-left: 20px;">Session 20 : History and Breeds of Pig</p> <p style="padding-left: 20px;">Session 21 : Management of Sow, Boar, Gilt and Pig-lings</p> <p style="padding-left: 20px;">Session 22 : Feeding and Housing of Pig</p>

	<p>Session 23 : Rabbit Management Session 24: Buffalo Management Session 25 : Goat and Sheep Management Session 26 : Duck, Gees, Turkey Production Session 27 : Integrated Livestock Management</p>
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Field visit : Yes

1. Visit to a livestock to recognise the breeds and observe the daily management practices of a farm.
2. Visit to a food processing factory to observe how they implement quality management systems.