
SECTION HEADING

AGRI 1115: Introduction to Shrimp Production

Description

Introduction to Shrimp Production provides students with an introduction to shrimp production with an emphasis on fundamental concepts of physiology, nutrition, life cycle, and management in various production methods along with history, processing, and marketing of shrimp.

Credits

4

Prerequisite

None

Corequisite

None

Topics to be Covered

1. History of shrimp farming
2. Anatomy of shrimp
3. Life cycle and molt cycle
4. Shrimp immune system
5. Shrimp production methods
6. Water quality management
7. Shrimp production management techniques
8. Shrimp reproduction management
9. Nutritional requirements of shrimp
10. Disease diagnosis and management of shrimp
11. Economic impact of shrimp production on global markets
12. Shrimp harvesting and processing

Learning Outcomes

1. Describe history development of shrimp farming
2. Compare various shrimp production methods
3. Identify anatomy physiology of shrimp
4. Identify stages and characteristics of the shrimp life cycle
5. Identify nutritional requirements of shrimp
6. Identify shrimp diseases, infections, and treatment methods
7. Identify characteristics of animal health and disease control
8. Evaluate water quality and its impact on shrimp production
9. Diagram and describe mechanical systems associated with shrimp production
10. Develop waste management plans
11. Analyze environmental impact of shrimp production methods
12. Analyze global shrimp trade and markets

Credit Details

Lecture: 3

Lab: 1

OJT: 0

