

بسم الله الرحمن الرحيم

Republic of Iraq

The Ministry of Higher
Education

& Scientific Research



University: Diyala

College: Agriculture

Department: Animal production

Stage: second

Lecturer name: Raaed Sami Attee

Qualification: professor

Place of work: Agriculture

Flow up of implementation celli pass play

Course Instructor	Prof. Dr. Raaed sami attee				
E-mail	raaedsami@uodiyala.edu.iq				
Title	Fish culture and production				
Course Coordinator	Spring Course\ 2024-2025				
Course Objective	<ul style="list-style-type: none">• Work in the field of fish have theoretical and applied knowledge of a subject in fish farming• Submission of external examinations by local / regional / international Organization.• Thinking and analytical skills that enable him to reach knowledge of the methods used in fish farming and production				
Course Description	<ul style="list-style-type: none">• Enable students to obtain knowledge and understanding of the types of ponds for culture.• Enable students to obtain knowledge and understanding of the types of fish used in aquaculture.• Enabling students to obtain knowledge and understanding of the methods used in fish collection methods. Introducing the student to laboratory work, applying theoretical information and linking it to the reality of laboratory work.				
Textbook	Mahfouz Hussain Muhammad Al-Salman (2000) Principles of Fish Breeding and Production. N.K. Al-Daham (1990). Fish culture.				
Course Assessments	Term Tests	Laboratory	Quizzes	Project	Final Exam
	20%	15%	5%		60%
General Notes					

Republic of Iraq
The Ministry of Higher
Education
& Scientific Research



University: Diyala
College: Agriculture
Department: Animal production
Stage: second
Lecturer name: Raaed Sami Attee
Qualification: professor
Place of work: Agriculture

Flow up of implementation celli pass play

week	Date	Topics Covered	Practical Part
1	1 st Week	Methods of Fish farming	Ichthyology and Related Sciences
2	2 nd Week	Fish Ponds Design	Fish Identification and Classification
3	3 rd Week	Fertilizing Ponds	Type of Fish
4	4 th Week	Artificial Feeding of Fish	The External Appearance of Fish
5	5 th Week	Supplementary Feeding	Sensory Systems in Fish
6	6 th Week	First examination	First examination
7	7 th Week	Fish Reproduction	Identify Some Iraqi Fish
8	8 th Week	Fish ponds management	Age Estimation in Fish
9	9 th Week	Fish harvesting and Ponds Preparing	Estimation of Growth in Fish
10	10 th Week	Environmental Factors Affecting Fish	Measuring Fish Lengths
11	11 th Week	Fish Diseases	Ornamental Fish Farming
12	12 th Week	Second examination	Second examination
13	13 th Week	Fish Enemies	Physical and Chemical Properties of Water
14	14 th Week	Fish Farming in Closed Water Systems	Natural Food for Fish
15	15 th Week	General review	General review

Instructor's signature
Prof. Dr. Raaed Sami Attee
15 / 1 / 2025

Dean's signature
Prof. Dr. Raaed Ibrahim Khalil