

Course Description Form

1. Course Name:
General Zoology
2. Course Code:
APD-1203
3. Semester / Year:
second semester/ 2024-2025
4. Description Preparation Date:
15/1/2025
5. Available Attendance Forms:
Full time (theoretical lecture + practical) weekly
6. Number of Credit Hours (Total) / Number of Units (Total)
175 hours – 7 units
7. Course Administrator's Name (Mention All, If More Than One Name)
Name: Ahmed Shukri Sabri Email: ahmedshukri@uodiyala.edu.iq
8. Course Objectives
After completing this course, the student will be able to form an idea about: 1. To identify the basis of classification and scientific designation and the relationship of zoology with other sciences 2. . Understanding the zoology and its relation to other sciences 3. Understanding scientific classification and designation of the animal. 4. Understanding cell division and all cell type 5. Understanding protoplasm and cytoplasm
9. Teaching and Learning Strategies

- Engaging students through discussions, problem-solving, and group activities.
- Assessment and Feedback: Implement various assessment methods (quizzes, projects, presentations) to evaluate understanding and provide timely feedback.
- Group work where students collaborate to achieve shared goals, enhancing teamwork and communication skills.
- Encouraging students to take control of their learning through goal setting, self-monitoring, and reflection.
- Encouraging students to ask questions and explore topics through research and investigation.
- Ongoing assessments that provide feedback to students and inform teaching adjustments.
- Set Clear Objectives: Clearly defined learning outcomes help guide both teaching and learning.
- Encourage Feedback: Create a culture where feedback is constructive and encourages growth.

10. Course Structure

Theoretical part

Week	Hou rs	Required learning outcomes	Unit or Subject	Learning Method	Evaluation Method
1	2	General introduction to Zoology and its relation to other sciences	General Zoology	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily reports
2	2	Scientific Research Methodology - Foundations of scientific classification and designation	General Zoology	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily reports
3	2	Cell, types and causes of division	General Zoology	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily reports
4	2	Protoplasm and cytoplasm	General Zoology	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily reports
5	2	Egg of biology and classification	General Zoology	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily reports
6	2	Enzymes and their role in the life of the organism	General Zoology	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily reports
7	2	The first exam	General Zoology	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily reports
8	2	Chemical coordination in living organisms	General Zoology	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily reports
9	2	Biological chains - general introduction	General Zoology	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily reports
10	2	Conservation of biodiversity	General Zoology	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily reports
11	2	Organic development	General Zoology	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily reports

12	2	Environment and its role in the life of the organism	General Zoology	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily reports
13	2	Nutrition - sources of nutrition	General Zoology	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily reports
14	2	Animal histology	General Zoology	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily reports
15	2	The second exam	General Zoology	Lecture Dialogue & discussion Brainstorming	Daily, monthly and final exams and daily reports
Practical part					
Week	Hours	Required learning outcomes	Unit or Subject Name	Learning Method	Evaluation Method
1	3	Microscope	General Zoology	Observation Dialogue & discussion	Daily, monthly and final exams and daily reports
2	3	Blood	General Zoology	Observation Dialogue & discussion	Daily, monthly and final exams and daily reports
3	3	Cell	General Zoology	Observation Dialogue & discussion	Daily, monthly and final exams and daily reports
4	3	Reproduction and its types	General Zoology	Observation Dialogue & discussion	Daily, monthly and final exams and daily reports
5	3	Animal kingdom and phyla	General Zoology	Observation Dialogue & discussion	Daily, monthly and final exams and daily reports
6	3	First month exam	General Zoology	Observation Dialogue & discussion	Daily, monthly and final exams and daily reports
7	3	Cell life cycle	General Zoology	Observation Dialogue & discussion	Daily, monthly and final exams and daily reports
8	3	Frog dissection	General Zoology	Computer 1	Observation Dialogue & discussion
9	3	Laboratory equipment	General Zoology	Dialogue & discussion	and final exams and daily reports

10	3	Embryology	General Zoology	Observation Dialogue & discussion	Daily, monthly and final exams and daily reports
11	3	Cytology	General Zoology	Observation Dialogue & discussion	Daily, monthly and final exams and daily reports
12	3	Understanding the functions of organs (physiology)	General Zoology	Observation Dialogue & discussion	Daily, monthly and final exams and daily reports
13	3	Study of animal parasites and their life cycles	General Zoology	Observation Dialogue & discussion	Daily, monthly and final exams and daily reports
14	3	Study the effect of environmental factors on animal behavior	General Zoology	Observation Dialogue & discussion	Daily, monthly and final exams and daily reports
15	3	Second month exam	General Zoology	Observation Dialogue & discussion	Daily, monthly and final exams and daily reports

11. Course Evaluation

Examination

Monthly & daily exams with discussion questions inside the lecture .
The degree of participation in the questions related to the subject.

12. Learning and Teaching Sources

Required Textbooks (Curricular Books, If Any)	
Main References (Sources)	General Zoology Dr. Muhammad Ammar Al-Rawi
Recommended Books and References (Scientific Journals, Reports...)	Iraqi academic journal
Electronic References, Websites	

