Republic of Iraq The Ministry of Higher Education & Scientific Research



University: Muthanna College: Science Department: Biology Stage: Postgraduate/ Ph.D Lecturer name: Hanaa Ali Aziz Academic Status: Assist. Prof.

Qualification:Ph.D. Place of work: Biology

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Teaching plan for the semester form 2025-2026

| 2025-2020 | | | | | | | |
|-----------------------|---|------------|---------|---------|---------------|--|--|
| Course Instructor | Hanaa Ali Aziz | | | | | | |
| E_mail | hanabio-1983@mu.edu.iq | | | | | | |
| Title | Animal Physiology | | | | | | |
| Course | 15 weeks , 2 hours theoretical | | | | | | |
| Coordinator | | | | | | | |
| Course Objective | learning the students of advance physiological actions in the all body organs in the deferent systems. Also, asses the students for able to determine the normal and abnormal physiological action in the body. | | | | | | |
| Course Description | Define the physiological science in the deferent systems. Diagnosis the main character of specific signs of cells Determined the relationship between the internal and external environment | | | | | | |
| Textbook | Medical physiology , Gunstream's Anatomy & Physiology | | | | | | |
| References | Biology journals, medical journal | | | | | | |
| Course | Term Tests | Laboratory | Quizzes | Project | Final Exam | | |
| Assessment | 25% | | | 5% | 70% | | |
| General Notes | Type here general notes regarding the course | | | | | | |

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Teaching plan for the semester form

| week | Date | Topics Covered | Lab. Experiment Assignments | Notes |
|------|------|----------------------------|-----------------------------|-------|
| 1 | | Introduction of physiology | | |
| 2 | | Endocrinology part 1 | | |
| 3 | | Endocrinology part 2 | | |
| 4 | | Cardiovascular system | | |
| 5 | | Nervous system | | |
| 6 | | Urinary system | | |
| 7 | | Blood cells | | |
| 8 | | Respiratory system | | |
| 9 | | Integumentary System | | |
| 10 | | Male reproductive sys. | | |
| 11 | | Female reproductive sys. | | |
| 12 | | Digestive system | | |
| 13 | | Muscular system | | |
| 14 | | Skeletal System | | |
| 15 | | Exam | | |

Instructor Signature: Assist Prof. Hanaa Ali Aziz & Assist Prof. Wafaa A. Naji **Dean Signature**