

## Course Description Form

| 1. Course Name:   |       |   |                      |                        |                          |
|---|-------|---|----------------------|------------------------|--------------------------|
| physiology  |       |   |                      |                        |                          |
| 2. Course Code:   |       |   |                      |                        |                          |
|   |       |   |                      |                        |                          |
| 3. Semester / Year:   |       |   |                      |                        |                          |
| year  |       |   |                      |                        |                          |
| 4. Description Preparation Date:  |       |   |                      |                        |                          |
| 20/2/2024   |       |   |                      |                        |                          |
| 5. Available Attendance Forms:  |       |   |                      |                        |                          |
| Attendance in theory halls and practical lab  |       |   |                      |                        |                          |
| 6. Number of Credit Hours (Total) / Number of Units (Total)   |       |   |                      |                        |                          |
| 220/year (150 theory+60 practical)  |       |   |                      |                        |                          |
| 7. Course administrator's name (mention all, if more than one name)   |       |   |                      |                        |                          |
| Professor Dr: <a href="mailto:azza.jabber@uobasrah.edu.iq">Azza Sajid Jabber</a> <a href="mailto:azza.jabber@uobasrah.edu.iq">azza.jabber@uobasrah.edu.iq</a> |       |   |                      |                        |                          |
| 8. Course Objectives  |       |   |                      |                        |                          |
| <b>Course Objectives</b>  |       | <ul style="list-style-type: none"> <li>Identify the functions of the respiratory system, breathing mechanics, and breathing regulation</li> <li>Identifying diseases resulting from malfunctioning of the respiratory system</li> </ul> |                      |                        |                          |
| 9. Teaching and Learning Strategies   |       |   |                      |                        |                          |
| <b>Strategy</b>   |       | <ul style="list-style-type: none"> <li>Educational strategy, collaborative concept planning.</li> <li>Brainstorming education strategy.</li> <li>Education Strategy Notes Series</li> </ul>   |                      |                        |                          |
| 10. Course Structure  |       |   |                      |                        |                          |
| Week  | Hours | Required Learning Outcomes  | Unit or subject name | Learning method        | Evaluation method        |
| 1   | 5     |   | Cell physiology      | Lectures and practical | Questions and discussion |
| 2   | 5     |   | Blood physiology     |                        |                          |
| 3   | 5     |   | Blood physiology     |                        |                          |
| 4   | 5     |   | Nerve and muscle     |                        |                          |
| 5   | 5     |   | Nerve and muscle     |                        |                          |
| 6   | 5     |   | Nerve and muscle     |                        |                          |
| 7   | 5     |   | ANS                  |                        |                          |
| 8   | 5     |   | Sensory system       |                        |                          |
| 9   | 5     |   | Sensory system       |                        |                          |
| 10  | 5     |   | CVS                  |                        |                          |
| 11  | 5     |   | CVS                  |                        |                          |
| 12  | 5     |   | CVS                  |                        |                          |
| 13  | 5     |   | Motor system         |                        |                          |

|    |   |  |                          |                        |                          |
|----|---|--|--------------------------|------------------------|--------------------------|
| 14 | 5 |  | Motor system             |                        |                          |
| 15 |   |  | Mid-year exam            |                        |                          |
| 16 | 5 |  | Respiratory system       | Lectures and practical | Questions and discussion |
| 17 | 5 |  | Respiratory system       |                        |                          |
| 18 | 5 |  | Respiratory system       |                        |                          |
| 19 | 5 |  | Endocrine system         |                        |                          |
| 20 | 5 |  | Endocrine system         |                        |                          |
| 21 | 5 |  | Endocrine system         |                        |                          |
| 22 | 5 |  | BMR and body temperature |                        |                          |
| 23 | 5 |  | GIT                      |                        |                          |
| 24 | 5 |  | GIT                      |                        |                          |
| 25 | 5 |  | Renal system             |                        |                          |
| 26 | 5 |  | Renal system             |                        |                          |
| 27 |   |  | Reproductive system      |                        |                          |
| 28 |   |  | Special sense            |                        |                          |
| 29 |   |  | Cerebral cortex          |                        |                          |
| 30 |   |  | Final exam               |                        |                          |

#### 11. Course Evaluation

- 1) Formative exams
- 2) Summative exams
  - mid-year exam 30 marks (5-mark practical and 25 marks theory)
  - final-year exam 70 marks (10 mark practical and 60 marks theory)

#### 12. Learning and Teaching Resources

|  |   |
|--|---|
| Required textbooks (curricular books, if any)                      | 1. Guyton and Hall Textbook of Medical Physiology<br>2. Ganong's Review of Medical Physiology |
| Main references (sources)  | Lippincott of medical physiology  |
| Recommended books and references (scientific journals, reports...) | Human Physiology for Medical Students (N Geetha)  |
| Electronic References, Websites                                    | Internet sources<br>You-tube lectures   |