

<b>1.Course Name:</b>				
Physiology for nursing				
<b>2.Course Code:</b>				
WNR-12-02				
<b>3.Semester / Year:</b>				
First Stage/second Semester				
<b>4.Description Preparation Date:</b>				
1/10/2024				
<b>5.Available Attendance Forms:</b>				
In-person lectures and practical laboratories (attendance forms)				
<b>6.Number of Credit Hours (Total) / Number of Units (Total)</b>				
3 hours Theoretical + 2 hours Lab (5 Hours Per Week), Number of Credits (4)				
<b>7.Course administrator's name (mention all, if more than one name)</b>				
Name: Abdulridha Mohammed Abdulridha Email: <a href="mailto:abdulridha.ba@uowa.edu.iq">abdulridha.ba@uowa.edu.iq</a>				
<b>8.Course Objectives</b>				
By the end of the course, students will be able to:				
<div><div>1.</div><div>Understand the structure and function of body organs and systems, including vital physiological processes and their interactions.</div></div> <div><div>2.</div><div>Apply physiological knowledge in clinical assessment, data analysis, and decision-making to manage patient health effectively.</div></div> <div><div>3.</div><div>Demonstrate effective communication skills to explain physiological concepts to patients and healthcare teams.</div></div> <div><div>4.</div><div>Respond rapidly and appropriately to emergencies by utilizing critical thinking and physiological understanding.</div></div> <div><div>5.</div><div>Uphold professional values including respect for life, responsibility, empathy, teamwork, equity, and commitment to lifelong learning.</div></div>				
<b>9.Teaching and Learning Strategies</b>				
<b>Strategy</b>		<div><div>- Theoretical lectures.</div><div>- Discussions.</div><div>- Reports.</div><div>- Case Studies</div><div>- Lab (practical) training</div></div>		
<b>10.Course Structure</b>				
<b>Week</b>	<b>Hours</b>	<b>Unit or subject name</b>	<b>Learning method</b>	<b>Evaluation method</b>
1	3hT+2hP	Introduction to physiology	Lecture, Discussion, Readings, Presentations	Quizzes, Exams, Presentations, Evaluation
2	3hT+2hP	physiology of skeletal sys.	Lecture, Discussion, Readings, Presentations	Quizzes, Exams, Presentations, Evaluation
3	3hT+2hP	physiology of muscular sys.	Lecture, Discussion, Readings, Presentations	Quizzes, Exams, Presentations, Evaluation

4	3hT+2 hP	physiology of nervous sys.	Lecture, Discussion, Readings, Presentations	Quizzes, Exams, Presentations, Evaluation
5	3hT+2 hP	physiology of respiratory sys.	Lecture, Discussion, Readings, Presentations	Quizzes, Exams, Presentations, Evaluation
6				
7	3hT+2 hP	physiology of cardiovascular sys.	Lecture, Discussion, Readings, Presentations	Quizzes, Exams, Presentations, Evaluation
8	3hT+2 hP	physiology of GIT sys.	Lecture, Discussion, Readings, Presentations	Quizzes, Exams, Presentations, Evaluation
9	3hT+2 hP	physiology of urinary sys.	Lecture, Discussion, Readings, Presentations	Quizzes, Exams, Presentations, Evaluation
10	3hT+2 hP	physiology of reproductive sys.	Lecture, Discussion, Readings, Presentations	Quizzes, Exams, Presentations, Evaluation
11	3hT+2 hP	physiology of lymphatic sys.	Lecture, Discussion, Readings, Presentations	Quizzes, Exams, Presentations, Evaluation
12	3hT+2 hP	physiology of special seances	Lecture, Discussion, Readings, Presentations	Quizzes, Exams, Presentations, Evaluation

#### 11. Course Evaluation

Evaluation				Score standard
Formative		Summative		-Excellent (90-100) -Very Good (80-less than 90) -Good (70-less than 80) -Fair (60-less than 70) -Acceptable (50-less than 60) - Fail (less than 50)
Scores	Evaluation methods	Scores	Evaluation methods	
5%	Quizzes	10%	Mid-term theoretical exam	
5%	Participation			
		20%	Mid-term-practical evaluation	
		20%	Final practical exam	
		40%	Final theoretical exam	
10%		90%		

#### 12. Learning and Teaching Resources

Required textbooks (curricular books if any)	<ul style="list-style-type: none"> <li>• "Human Physiology" - Stuart Fox</li> <li>• "Physiology" - Linda S. Costanzo</li> <li>• "Guyton and Hall Textbook of Medical Physiology" - John E. Hall</li> <li>• "Principles of Physiology" - Michael L. Johnson</li> <li>• "Human Physiology: From Cells to Systems" - Lauralee Sherwood</li> </ul>
Main references (sources)	"Essentials of Human Physiology" - Dee Unglaub Silverthorn
Recommended books and references (scientific journals, reports...)	

Electronic References, Websites

Access Physiotherapy: A platform that includes a collection of textbooks and resources in physiology, along with interactive educational materials.

ClinicalKey: Provides comprehensive medical content, including research articles and books on physiology.

PubMed: A database containing research articles and reviews in the fields of medicine and physiology.

CINAHL Complete: A specialized database in nursing and health sciences, featuring articles and reviews related to physiology.

Khan Academy: Offers free educational content on physiology, including videos and interactive quizzes.

YouTube: Hosts many educational channels that provide visual explanations of physiology concepts.

Medscape: Provides articles and medical information related to physiology and clinical applications.

