

## Course Description Form

<b>1. Course Name:</b>	
cellular reaction to injury	
<b>2. Course Code:</b>	
<b>3. Semester / Year:</b>	
1 <sup>st</sup> semester 2023/2024	
<b>4. Description Preparation Date:</b>	
11/3/2024	
<b>5. Available Attendance Forms: attendance</b>	
<b>6. Number of Credit Hours (Total) / Number of Units (Total):</b>	
7. theory:6 hours/year Practical: 1 hour/week	
<b>8. Course administrator's name (mention all, if more than one name)</b>	
Name: dr. Suadad Asim Abdul-Qader Email: suadad.abdulkader@uobasrah.edu.iq	
<b>9. Course Objectives</b>	
<b>Course Objectives</b>	<ol style="list-style-type: none"> <li>1. Understand the definition of cell injury</li> <li>2. Outline mechanism of cell injury</li> <li>3. understand cellular adaptation.</li> <li>4. describe mechanism of irreversible cell injury.</li> <li>5. identify the differences between necrosis and apoptosis</li> <li>6. Recognize different types of necrosis</li> </ol>
<b>10. Teaching and Learning Strategies</b>	
<b>Strategy</b>	<p>Explaining the scientific material through interactive theoretical lectures and dialogue answers with the participation of all students</p> <p>Distributing students into small groups in practical lessons and discussing common disease cases through presentations that include pictures of ophthalmic and microscopic examinations of diseases, in addition to glass slides and glass models.</p>

11. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1st week	6	<ol style="list-style-type: none"> <li>1. Understand the definition of cell injury</li> <li>2. Outline mechanism of cell injury</li> <li>3. understand cellular adaptation.</li> <li>4. describe mechanism of irreversible cell injury.</li> <li>5. identify the differences between necrosis and apoptosis</li> </ol> <p>Recognize different types of necrosis</p>	Cellular Reaction To injury	<p>Explaining the scientific material through interactive theoretical lectures and dialogue answer with the participation of all students</p> <p>Distributing students into small groups in practical lessons and discussing common disease cases through presentations that include pictures of ophthalmic and microscopic examinations diseases, addition to glass slides and glass models.</p>	Electronic enrichment exams And the semi-annual exams and final exams.
12. Course Evaluation					
<ol style="list-style-type: none"> <li>1. Mid-year exams <ul style="list-style-type: none"> <li>The theoretical exam: 20 marks</li> <li>Practical exam: 10 marks</li> <li>Total (annual pursuit) 30 marks</li> </ul> </li> <li>2. Final exams <ul style="list-style-type: none"> <li>The theoretical exam is 50 marks</li> <li>Practical exam: 20 marks</li> <li>The final exam total is 70 marks</li> </ul> </li> </ol> <p>Final grade 100%</p>					

13. Learning and Teaching Resources	
Required textbooks (curricular books, if any)	Robbin's Basic Pathology 8 <sup>th</sup> Edition; Kumar, Abbas, Fausto & Mitchell 2010
Main references (sources)	Robbin's Basic Pathology 8 <sup>th</sup> Edition; Kumar, Abbas, Fausto & Mitchell 2010 Currans atlas of gross and histopathology
Recommended books and references (scientific journals, reports...)	Robbin's Basic Pathology 8 <sup>th</sup> Edition; Kumar, Abbas, Fausto & Mitchell 2010 2-Muir's Text Book of Pathology, 13 <sup>th</sup> Edition; Roderick N M MacSween & KeithWhaley 1994 3-Stevens: Core pathology, 3ed edition 2010. Practical booklet 2010
Electronic References, Websites	Pathology outlines Stevens: Core pathology, 3ed edition 2010.