

Course Description Form

1. Course Name:	
Liver, biliary tree, gall bladder and pancreases pathology	
2. Course Code:	
3. Semester / Year:	
2 ND semester 2023/2024	
4. Description Preparation Date:	
11/3/2024	
5. Available Attendance Forms: attendance	
6. Number of Credit Hours (Total) / Number of Units (Total):	
7. theory:12 hours/year Practical: 3 hour/week	
8. Course administrator's name (mention all, if more than one name)	
Name: dr. Abeer Ali Hussien Email: abeer.hussein@uobasrah.edu.iq	
9. Course Objectives	
Course Objectives	<ol style="list-style-type: none"> 1. -Quick review of liver anatomy, histology and physiology 2. Study Hepatitis Definition and classification: according to the onset and etiology 3. Understand Alcoholic and nonalcoholic fatty liver disease :(definition, pathogenesis and morphology) 4. Define liver cirrhosis, causes, types and complications 5. Define cholestasis liver diseases 6. Outlines tumors of the liver 7. Cholelithiasis (types of gall stones, risk factors, pathogenesis, morphology and complications) 8. Cholecystitis (definition, classification and complications) 9. Acute and chronic cholecystitis (definition, pathogenesis and morphology) 10. Outlines Tumors of gall bladder (benign tumors: e.g. gall bladder adenoma, and malignant tumors e.g. gall bladder adenocarcinoma) 11. Adenocarcinoma of the gall bladder (risk factors and morphology)- 12. -Bile ducts tumors (benign tumors and malignant tumors (primary or secondary) 13. -Cholangiocarcinoma (definition and risk factors) 14. Quick review of the anatomy, histology and physiology of the pancreas

	<p style="text-align: center;">Congenital anomaly e.g. Pancreas divisum (definition and pathogenesis)</p> <p>15. -understand Pancreatitis , Acute and chronic pancreatitis (definition, etiology, pathogenesis, morphology and complications)</p> <p>16. -</p> <p>17. Define pancreatic pseudocyst</p> <p>18. Classification of pancreatic tumors</p>
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10. Teaching and Learning Strategies

Strate	<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>
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11. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
18 th 20 th	12	<ul style="list-style-type: none"> • -Quick review of liver anatomy, histology and physiology • Study Hepatitis Definition and classification: according to the onset and etiology • Understand Alcoholic and nonalcoholic fatty liver disease :(definition, pathogenesis and morphology) • Define liver cirrhosis, causes, types and complications • Define cholestasis liver diseases • Outlines tumors of the liver • Cholelithiasis (types of gall stones, risk factors, pathogenesis, morphology and complications) • Cholecystitis (definition, classification and complications) • Acute and chronic cholecystitis (definition, pathogenesis and morphology) • Outlines Tumors of gall bladder (benign tumors: e.g. gall bladder adenoma, and malignant tumors e.g. 	Liver, gall bladder and pancreas	<p>Explaining the scientific material through interactive theoretical lectures and dialogue answers with the participation of all students</p> <p>Distributing students</p>	<p>Electron enrichment exams</p> <p>And the semi-annual exams and final exams.</p>

	<p>gall bladder adenocarcinoma)</p> <ul style="list-style-type: none"> • Adenocarcinoma of the gall bladder (risk factors and morphology)- • -Bile ducts tumors (benign tumors and malignant tumors (primary or secondary) • -Cholangiocarcinoma (definition and risk factors) • Quick review of the anatomy, histology and physiology of the pancreas <ul style="list-style-type: none"> ○ Congenital anomaly e.g. Pancreas divisum (definition and pathogenesis) • -understand Pancreatitis , Acute and chronic pancreatitis (definition, etiology, pathogenesis, morphology and complications) • - • Define pancreatic pseudocyst <ul style="list-style-type: none"> ○ Classification of pancreatic tumors 		<p>into small groups practical lessons and discussions common disease cases through presentations to include pictures ophthalmic and microscopic examinations diseases in addition to glass slides and models</p>	
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12. Course Evaluation

1. Mid-year exams
The theoretical exam: 20 marks
Practical exam: 10 marks
Total (annual pursuit) 30 marks

2. Final exams
The theoretical exam is 50 marks
Practical exam: 20 marks
The final exam total is 70 marks

Final grade 100%

13. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Robbin's Basic Pathology 8 th Edition; Kumar, Abbas, Fausto & Mitchell 2010
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Main references (sources)	Robbin's Basic Pathology 8 th Edition; Kumar, Abbas, Fausto & Mitchell 2010 Currans atlas of gross and histopathology
Recommended books and references (scientific journals, reports...)	Robbin's Basic Pathology 8 th Edition; Kumar, Abbas, Fausto & Mitchell 2010 2-Muir's Text Book of Pathology, 13 th 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.