



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Hepatic and Biliary Disorders							
Course Code		VCR549		Couse Level		Second Cycle (Master's Degree)			
ECTS Credit	4	Workload	102 ( <i>Hours</i> )	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		The purpose of this course is to provide to the applicant, liver diseases diagnosis and treatment.							
Course Content		The course content include, surgical anatomy, diagnostic methods, liver resection, liver diseases and disorders, liver injury, liver rupture, liver tumors and cysts, liver abscess, extrahepatic portal venous disorders, biliary tract anatomy and physiology, diagnosis of biliary tract disorders, diseases of the gallbladder and ducts , gallstones, traumatic disorders, bile duct obstruction, biliary tract disorders, surgical approaches							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Discussion, Individual Study					
Name of Lecturer(s)									

### Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	30
Final Examination	1	60
Seminar	1	10

### Recommended or Required Reading

1	1. Slatter D, 2003,Textbook of Small Animal Surgery 3th edition Volume 2 Elsevier Science, pp: 2019-2027, Philadelphia
---	--

Week	Weekly Detailed Course Contents	
1	Theoretical	Liver and extrahepatic biliary diseases (trauma)
2	Theoretical	Liver and extrahepatic biliary diseases (liver abscess)
3	Theoretical	Liver and extrahepatic biliary diseases (liver lobe torsion)
4	Theoretical	Liver and extrahepatic biliary diseases (cholelithiasis)
5	Theoretical	Liver and extrahepatic biliary diseases (cholecystitis)
6	Theoretical	Liver and extrahepatic biliary diseases (Extrahepatic bile duct obstruction)
7	Theoretical	Liver and extrahepatic biliary diseases (porcelain gallbladder)
8	Intermediate Exam	Midterm exam
9	Theoretical	Surgical procedures (general assessment)-1
10	Theoretical	Surgical procedures (general assessment)-2
11	Theoretical	Liver biopsy
12	Theoretical	Hepatic resection
13	Theoretical	Extrahepatic biliary tract surgery
14	Theoretical	Gallbladder and ductus surgery
15	Theoretical	Clinical Case Discussion
16	Final Exam	Final Exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Lecture - Practice	14	0	2	28
Seminar	1	9	1	10
Individual Work	14	0	1	14
Midterm Examination	1	10	1	11



Final Examination	1	10	1	11
Total Workload (Hours)				102
[Total Workload (Hours) / 25*] = ECTS				4
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	1. Student learns diagnostic approach to the liver diseases.
2	2. Students have knowledge about liver diseases surgery.
3	3. Student can apply learned treatment options.
4	To learn knowledge and propose suggestions on the area.
5	To find out and use resources about the profession in the area.

### Programme Outcomes (Surgery (Veterinary Medicine) Master)

1	To be able to explain the knowledge about veterinary surgery in the expertise level.
2	2. To be able to comprehend veterinary surgery theoretically and practically.
3	3. To be able to use the information gained in the field, create solutions to problems that require expertise.
4	4. To be able to pursue the profession by being aware of the powers and responsibilities
5	5. To be able to have a relationship with other experts about problems outside of their area, as a member of the team contributes to the solution.
6	6. To be able to activate methods of production and use of scientific knowledge.
7	7. To be able to comprehend the master's degree information, identify public and animal health problem provides solutions and organizes events.
8	To be able to collect all sorts of data (field observations, produced scientific knowledge) in the field and evaluate for the purpose.
9	9. To be able to develop and use strategies about his field.
10	10. To be able to comprehend the needs of the country and the knowledge gained through the level of expertise of the region implements and take up the defense
11	11. To be able to identify and make rules to protect environmental health applications.
12	12. To be able to conceptualise events and facts related to the field of scientific techniques and methods that examine the comments on the results, problems, or method of analysis for the fictions, according to data obtained from the solution and / or provides an alternative treatment.
13	13. To be able to follow and use all the information which is updated in the field of (scientific knowledge, legislation, etc.).

### Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3
P1	5	5	5
P2	5	5	5
P3	3	5	5
P4	2	5	5
P5	1	1	1
P6	2	4	4
P7	1	2	2
P8	1	1	1
P9	1	1	1
P10	1	3	3
P11	1	1	1
P12	1	3	3
P13	1	1	1

