



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Advanced Digestive Physiology							
Course Code		TFZ604		Couse Level		Third Cycle (Doctorate Degree)			
ECTS Credit	6	Workload	156 ( <i>Hours</i> )	Theory	2	Practice	2	Laboratory	0
Objectives of the Course		Introduce knowledge skills about digestive physiology. Present novel scientific data to participants.							
Course Content		Food intake, chewing and swallowing; Transition of foods from stomach, function of stomach; Digestion in intestines, movements of small intestine; Secretion of pancreas, its effects and control; Regulation of secretion of liver and bile, digestion in large intestine and defecation; Absorbtion and its mechanism.							
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	40
Final Examination	1	60

### Recommended or Required Reading

1	Guyton, Medical Physiology
2	All scientific data about the subject

Week	Weekly Detailed Course Contents	
1	Theoretical	Food intake
	Practice	Food intake practice
	Preparation Work	Reading
2	Theoretical	chewing and swallowing
	Practice	chewing and swallowing practice
	Preparation Work	Reading
3	Theoretical	Transition of foods from stomach
	Practice	Transition of foods from stomach practice
	Preparation Work	Reading
4	Theoretical	function of stomach
	Practice	function of stomach practice
	Preparation Work	Reading
5	Theoretical	Digestion in intestines
	Practice	Digestion in intestines practice
	Preparation Work	Reading
6	Theoretical	Secretion of pancreas
	Practice	Secretion of pancreas practice
	Preparation Work	Reading
7	Intermediate Exam	Midterm exam
8	Theoretical	Regulation of secretion of liver and bile
	Practice	Regulation of secretion of liver and bile practice
	Preparation Work	Reading
9	Theoretical	large intestine
	Practice	large intestine practice
	Preparation Work	Reading
10	Theoretical	digestion in large intestine
	Practice	digestion in large intestine practice



10	Preparation Work	Reading
11	Theoretical	Defecation
	Practice	Defecation practice
	Preparation Work	Reading
12	Theoretical	Absorbtion
	Practice	Absorbtion uygulamaları
	Preparation Work	Reading
13	Theoretical	Absorbtion mechanism
	Practice	Absorbtion mechanism practice
	Preparation Work	Reading
14	Final Exam	Final Exam

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	1	2	42
Lecture - Practice	14	1	2	42
Assignment	10	6	1	70
Midterm Examination	1	0	1	1
Final Examination	1	0	1	1
Total Workload (Hours)				156
[Total Workload (Hours) / 25*] = ECTS				6

\*25 hour workload is accepted as 1 ECTS

### Learning Outcomes

1	To be able to recognize the importance of advanced digestive physiology
2	To be able to evaluate the relationship between other systems
3	To be able to investigate physiopathological symptoms about the subject
4	Interpret general principals about the subject
5	

### Programme Outcomes (Physiology (Medical) Doctorate)

1	Has a deep and broad knowledge about the field and the interdisciplinary area related with the field through the achievements gained in undergraduate and professional levels.
2	Has the knowledge to create original ideas, analyze them and develop definition/product/diagnosis methods by using the knowledge gained in undergraduate and/or professional experience, when needed.
3	To learn the laws and regulations both national and international in the field of physiology.
4	To gain ability to apply the principles and fundamentals of scientific ethical rules.
5	Implements and defends institutional and practical information and abilities in accordance with the needs of the country and the world, and changes when necessary.

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

	L1	L2	L3	L4	L5
P1	5	4	4	4	3
P2	4	4	4	4	3
P3	4	5	4	3	4
P4	4	5	4	4	4
P5	5	4	4	4	4

