



AYDIN ADNAN MENDERES UNIVERSITY
GRADUATE SCHOOL OF HEALTH SCIENCES
PHYSICAL EDUCATION AND SPORTS
PHYSICAL EDUCATION AND SPORTS
PHYSICAL EDUCATION AND SPORTS MASTER
COURSE INFORMATION FORM

Course Title	Exercise and Circulatory System								
Course Code	BSÖ572	Course Level		Second Cycle (Master's Degree)					
ECTS Credit	7	Workload	176 (Hours)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course	It is aimed that the learner knows the human physiology for the systems.								
Course Content	Cell Physiology, Blood Physiology. Excitable Tissues; Muscle Physiology. Excitable Textures; Nerve Physiology. Circulatory System Physiology, Respiratory System Physiology. Excretory system Physiology. Physiology of digestive system. Endocrine System Physiology. Nervous System Physiology. Sense Physiology								
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	Mitat Koz, Gülfem Ersöz, Ethem Revenue, Physiology Course Book, NOBEL YAYIN EVİ, ANKARA, 2012
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Week	Weekly Detailed Course Contents	
1	Theoretical	Cell Physiology
2	Theoretical	Blood Physiology
3	Theoretical	Excitable Textures; Muscle Physiology
4	Theoretical	Excitable Textures; Nerve Physiology
5	Theoretical	Cardiovascular System Physiology
6	Theoretical	Physiology of respiratory system
7	Theoretical	Excretory System Physiology
8	Intermediate Exam	Midterm
9	Theoretical	Physiology of digestive system
10	Theoretical	Physiology of digestive system
11	Theoretical	Endocrine System Physiology
12	Theoretical	Endocrine System Physiology
13	Theoretical	Physiology of Nervous System
14	Theoretical	Physiology of Nervous System
15	Theoretical	Sense Physiology
16	Final Exam	Final Exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	5	5	140
Individual Work	4	4	4	32
Midterm Examination	1	1	1	2
Final Examination	1	1	1	2
Total Workload (Hours)				176
[Total Workload (Hours) / 25*] = ECTS				7

*25 hour workload is accepted as 1 ECTS



Learning Outcomes

1	Definition of physiology, learn basic concepts of physiology
2	Learns body systems with their functioning
3	Understands how the organism works in an internal balance.
4	Learns the working mechanism of the body.
5	Learns energy systems.

Programme Outcomes (Physical Education and Sports Master)

1	Uses application and problem solving skills in interdisciplinary studies.
2	Develops basic scientific knowledge and attitude appropriate to body and sport.
3	Interpret the results of test development and measurement for the development of individuals in physical education and sport.
4	Explains the scientific methods in physical education and sports.
5	o follow national and international developments in the field and maintain professional development.
6	Beden eğitimi ve spor örgütlerinin örgüt iklimi ve kültürünü tanımlar.

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	4	5	5	4	3
P2	4	4	4	5	5
P3	5	4	3	3	3
P4	5	3	4	5	4
P5	5	5	5	4	5
P6	4	4	4	3	4

