



## AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Parasitology							
Course Code		ÇS110		Course Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	76 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		The parasites which affect negatively human health are known by this course; life cycles, morphologies, contaminated points, saving and protection ways. To get to learn correct steps for face to face parasitic diseases.							
Course Content		General knowledge and concepts about parasitology, types of parasitism, contaminated ways, resistance, protection ways, diagnostic pathways, flagellat protozoons, Enteromonas hominis, Trichomonas hominis, Giardia intestinalis, living forms to blood and tissue, Leishmania, Trypanosoma, Schistosoma, Cestoda, Tenia, Echinok, Nana, Nemathelminthes, Enterobius vermicularis, Trichurus trichan							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Case 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	1. Genel Parazitoloji. Yrd. Doç. Dr. Bayram Göçmen. Ege Üniversitesi Fen Fakültesi Kitaplar Serisi no 168. Ege Üniversitesi Basımevi, Bornova İzmir. 2000
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Week	Weekly Detailed Course Contents	
1	Theoretical	General information about Parasitology and parasites
2	Theoretical	Parasit-mansion relationship and diagnostic methods
3	Theoretical	General features of protozoons(E. hystolica, E. coli, G. intestinalis,T. vaginalis)
4	Theoretical	İmportant blood and tissue protozoons
5	Theoretical	T.gondii, Trypanosoma, Leishmania spp.
6	Theoretical	General features of helminthes
7	Theoretical	Cestodes which is living in intestines(T. saginata, T.solium)
8	Theoretical	Midterm
9	Theoretical	Cestodes which is living in tissues (T. solium, E. granulosus)
10	Theoretical	Nematodes living in intestines(A. lumbricoides, E. vermicularis T. trichura)
11	Theoretical	Nematodes living in skeletal mucle tissue (T. spiralis)
12	Theoretical	Vector arthropoda and other specialties
13	Theoretical	Vector arthropoda and other specialties
14	Theoretical	The biology of acarid and mosquito
15	Theoretical	Protection ways against acarid and mosquito

### Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	2	2	56
Assignment	1	8	1	9
Reading	5	0	1	5
Midterm Examination	1	2	1	3



Final Examination	1	2	1	3
Total Workload (Hours)				76
[Total Workload (Hours) / 25*] = ECTS				3
*25 hour workload is accepted as 1 ECTS				

### Learning Outcomes

1	To get to know the main knowledge which are important for human health and environmental health
2	To get the effective precautions in an alert time
3	To get to realise the parasitic disease from Turkey.
4	Knows parasite groups and their properties.
5	Knows and defines concepts such as host, reproduction and life form which are specific to parasites.

### Programme Outcomes (Environmental Health)

1	They have the appropriate level of knowledge about the basic sciences which has an interaction with the environment and the environment itself.
2	They have gained the basic concepts, skills and qualifications in the Environmental health theoretical and practical lessons. And then they can establish the connections that are necessary to protect the environment and people's health in the light of these competencies.
3	They can use the approaches and the information of basic and applied research in different disciplines. They can follow the innovations and developments in their field, and have self-development competency with the terms of the day.
4	They know and apply the analysis methods used in the evaluation of environmental factors (drinking water, waste water treatment, air pollution, meteorological data, land values, food control, radiation measurement, etc.).
5	They have a professional and ethical consciousness, and have the ability to recognize the environmental problems and also can formulate a solution to these problems. They apply the gained knowledges and skills faced in real life situations, transfers the knowledge to individuals around, and wins the life-long learning behavior.
6	They are able to use their professional knowledge in their lives and behave sensitively toward the local and global environmental problems and effectively uses to the legislation and management tools the necessary for the solution.
7	Gained the ability to adapt the changing in a positive way themselves, to understand the core values and cultures of the society which are living. Sensitive to the universal and the social values, interests of the country, have adopted the concept of sustainable development, environmentally conscious, productive, behaves aware of the ethical and professional responsibility.
8	Provides a healthy interact of individual, society and the environment and take responsibility in the necessary situations for the continuity.
9	They gain the ecologically-based solving skills the problems and the delays that may arise in interaction with each other of living and nonliving environment. Interests of local and national, and Ecological and historical values of our country, and contribute to the protection and the development of them.
10	Exhibits the appropriate behaviours for the protection and the development of plants, animals, and inanimate environment, and the especially human health.
11	Knows the value of energy for life, recognizes the types of energy, and have conscious of the importance, using and dissemination of renewable energy sources.
12	Knows the properties of information and communication technologies, and uses them in the process efficiently and professionally.
13	They aware of the democracy, rule of law, human rights, the national and universal cultural characteristics, and sensitive towards to the nature, society and people.
14	Knows the importance of Atatürk's principles and reforms, make them a way of life.
15	Uses effectively the Turkish in speaking and writing.
16	Has at least one foreign language ability to be able to follow the knowledge in their profession and to communicate with colleagues.
17	To have the appropriate knowledge of medical sciences at the level of interest, to use specific medical terms and terminology of field

### 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	4	4	5	5
P2	3	3	3	5	5
P3	4	5	5	5	5
P4	3	3	3	5	5
P5	3	3	3	5	5
P6	3	3	3	4	5
P7	3	3	3	4	5
P8	5	5	5	5	5



P9	4	4	4	5	5
P10	3	3	3	3	3
P11	3	3	3	3	3
P12	3	3	3	3	3
P13	3	3	3	3	3
P14	3	3	3	3	3
P15	5	5	5	5	5
P16	5	5	5	5	5

