



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Introduction to Biology							
Course Code		BYL100		Couse Level		Short Cycle (Associate's Degree)			
ECTS Credit	3	Workload	75 (Hours)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		Temel Biyoloji bilgisi vermek							
Course Content		Canlılık, Hücre ve organellerin yapısı, genetik ve evrim bilgisi verilmektedir.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation)					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

Recommended or Required Reading

1	Palme yayıncılık Biyoloji (Campbell & Reece, 2008)
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Week	Weekly Detailed Course Contents	
1	Theoretical	Biyoloji nedir? İlgili alanları nelerdir?
2	Theoretical	Canlı Kimyası
3	Theoretical	Metabolizma
4	Theoretical	Hücre ve Organelleri
5	Theoretical	Zar yapısı ve işlevleri
6	Theoretical	Kimyasal enerji eldesi
7	Theoretical	Kimyasal enerji eldesi
8	Intermediate Exam	Ara sınav
9	Theoretical	Hücre döngüsü
10	Theoretical	Kalıtım
11	Theoretical	Protein sentezi
12	Theoretical	Mutasyonlar
13	Theoretical	Metabolik varyasyonun kökeni ve prokaryotlar
14	Final Exam	Final sınavı

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	12	2	2	48
Assignment	1	5	6	11
Midterm Examination	1	6	2	8
Final Examination	1	6	2	8
Total Workload (Hours)				75
[Total Workload (Hours) / 25*] = ECTS				3

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Canlı organizmaları tanıır
2	Bilimsel çalışmalarda izlenmesi gereken yolları öğrenir
3	Hücre yapısı ve organellerini detaylı olarak tanıır
4	Kromozomlar ve genlerin yapısı ve fonksiyonlarını öğrenir



5	Genetiğin esaslarını öğrenir
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Programme Outcomes (Laboratory Technology)

1	To be able to comprehend social, cultural and social responsibilities, to be able to follow national and international contemporary problems and developments
2	Atatürk is bound to Atatürk nationalism in the direction of principles and reforms; Adopting the national, moral, spiritual and cultural values of the Turkish people, open to universal and contemporary developments, the Turkish language is a rich, rooted and productive language; Have a love of language and a consciousness; To have the ability to use as much of a foreign language as he would need to read, taste and habit and professionally.
3	To be able to recognize the basic hardware units and operating systems of a computer, having information about internet usage and preparing documents, spreadsheets and presentations on computer by using office programs.
4	Acquires theoretical and practical knowledge at the basic level in mathematics, science and vocational field.
5	With the knowledge of laboratory technology in the field, he knows and analyzes problems, brings interpretation of data and suggests solutions.
6	In laboratories, according to the prepared business plan and program, necessary work can be done to obtain the desired quality products.
7	To have professional and ethical responsibility in business life.
8	Development and change are open, follow scientific social and cultural innovations, and develop themselves constantly.

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

	L1	L2	L3	L4	L5
P4	5	5	5	5	5

