



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Scientific Research Techniques							
Course Code		ZBY501		Course Level		Second Cycle (Master's Degree)			
ECTS Credit	9	Workload	227 (Hours)	Theory	3	Practice	0	Laboratory	0
Objectives of the Course		The aim of this course is to teach the students the academic resources in the field of agricultural biotechnology; to make research using these sources and to write scientific articles.							
Course Content		Giving information about ways to reach sources of information and focused on the provision of information in the field of agricultural biotechnology, also provides information to students on scientific writing and to benefit from technical literature							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration, Discussion, Project Based Study, Individual Study					
Name of Lecturer(s)		Prof. Eyyüp Mennan YILDIRIM							

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	60

Recommended or Required Reading

1	Internet
2	Libraries
3	Day, R. 1996. Bilimsel Makale Nasıl Yazılır, Nasıl Yayımlanır? ", (Çev. G. A. Altay), Tübitak Yayınları Ankara, 233 s

Week	Weekly Detailed Course Contents	
1	Theoretical	What is a scientific article? The Origin of Scientific Writing
2	Theoretical	Basic Information Sources in Agricultural Biotechnology
3	Theoretical	Access to Information Sources and Usage
4	Theoretical	Access to information sources from university library and subscribed databases
5	Theoretical	Accessing and requesting publication from ULAKBİM
6	Theoretical	Literature search from Web of Science
7	Theoretical	Literature review from Cab abstracts
8	Intermediate Exam	Midterm exam
9	Theoretical	Subscribing to reach some journals and databases in the field of Agricultural Biotechnology
10	Theoretical	Issues to be considered when writing a scientific article
11	Theoretical	Knowledge of literature in scientific articles
12	Theoretical	Plagiarism screening in scientific articles
13	Theoretical	Thesis writing rules
14	Theoretical	Issues to be considered in thesis writing
15	Theoretical	Issues to be considered in thesis writing
16	Final Exam	Final exam

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	8	3	154
Project	1	15	1	16
Individual Work	14	2	1	42
Midterm Examination	1	6	1	7



Final Examination	1	7	1	8
Total Workload (Hours)				227
[Total Workload (Hours) / 25*] = ECTS				9
*25 hour workload is accepted as 1 ECTS				

Learning Outcomes

1	Know the sources of information in the field of agricultural biotechnology
2	Know how to access information sources in agricultural biotechnology
3	Know scientific writing techniques
4	Know the university thesis writing rules
5	Obtain information about thesis and seminar presentation

Programme Outcomes (Agricultural Biotechnology Master)

1	Students learn various techniques and evaluates resources about agricultural biotechnology
2	Make the necessary projects in agricultural biotechnology and to conduct a study of the basic level independently
3	Students learns how to conduct a scientific research and prepares themselves for the scientists in the direction of their ideals.
4	Students may reveal new ideas in social and scientific issues and can benefit from the ideas and produce something new winning independent and teamwork skills.
5	Students can use its products for the benefit of humanity, they can produce technology and collaborate with industry

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	5	5	5	3
P2	5	5	5	5	3
P3	5	5	5	4	5
P4	5	5	4	3	3
P5	3	3	3	2	2

